

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024- 25)

Class : I

Subject : English

	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Ls -1 If you are Happy Sub-topics : No. of Periods: 3 Month: April	. Students will be able to identify the different action words . . Students will be able to create new Rhyming words.	Listing of Rhyming words in notebook .	. Explanatory Method . Collaborative work for creating New Words	Sample of Note book	. Speaking Skill . Listening Skill . Reading Skill . Performing Skill Subject: Maths	Paste 5 Action Words in Notebook 2D
La-2 Meet My Family No of.periods : 4 Month: June	. Students will be able to introduce themselves . . Students will be able to Recognise the naming words . Students will	Rubrics for project on topic Family Tree	. Explanatory Method . Presentation on topic Myself.	Rubrics for project	. Reading Skill . Recognizing Skill . Performing Skill . Speaking Skill Subject: E.V.S	Paste the pictures of Family members in A4 Size sheet (Creative Way 2D

	be able to read simple sentences. . Students will be able to name all the members of the family.					
- Ls -3 Tracys Shoe No of periods :5 Month - July	. Students will be able to enact the different characters of the story. . Students will be able to list the names of different Community helpers. . Students will be able to classify the things used by different people. . Students will be able to read the lesson.	Rubric for project on topic different people.	. Explanatory Method	Sample of Rubric Project	. Reading Skill . Performing Skill . Identify Skill Subject: E.V.S	Make a collage on Topic different occupational tools 2D
Topic- Ls -4 I Wonder No of.periods : 4 Month – July	. Students will be able to recite the poem with correct pronunciation and stress. . Students will be able to	Peer Assessment Sheet on topic constructing Rhyming Words with the help of	. Explanatory Method . Reflective Inquiry based on stories.	Peer Assessment Sheet	.Recognizing Skill . Reading Skill . performing Skill . Writing Skill Subject: E.V.S	

	construct New Rhyming words. . Students will be able to talk about the family members.	pictures.				
Topic – Ls 5 The Colours of Nature No.of.periods : 6 Month – July	. Students will be able to read the lesson with understanding. . Students will be able to express gratitude towards Mother Nature . Students will be able to identify different colours.	Dictation of Colours Name	. Explanatory Method .Experiential Learning	Sample of Reflection Sheet	. Reading Skill . Writing Skill . Identifying Skill . Ethical Skill Subject: E V.S	Paste 5 different leaves in Notebook 2D
Topic – Ls -6 The School picnic. No.of periods : 5 Month : August	. Students will be able to explain their experiences in school picnic. . Students will be able to list out the names of different rides. . Students will	Reflection sheet of identifying different rides and match with correct name	Explanatory Method Experiential learning	Sample of Reflection Sheet.	. Reading Skill . Recognizing Skill . Writing Skill Subject: Maths	Draw a picture of your any favourite ride.

	be able to identify different rides with their names					
<p>Topic – Ls -7 Granny 's Birthday No.of.periods – 5 Month - August</p>	<p>. Students will be able to identify the doing words . Students will be able to read with correct pronunciation and pauses. . Students will be able to tell simple sentences about birthday celebration. . Students will be able to recognise and write the name of different objects using during a birthday party .</p>	Note Book	<p>Explanatory Method Collaborative Method</p>	Sample of Note book	<p>. Reading Skill . Ethical Skill . Writing Skill . Identitying Skill</p>	Paste any 5 pictures of dishes in Bihar.
<p>Topic , - Ls -8 Giggles has a tooth ache. No of periods : 3</p>	<p>. Students will be able to read Comic Strip with understanding .</p>	Peer Assessment Sheet	<p>Explanatory Method Presenting Method</p>	Peer Assessment Sheet	<p>Performing Skill . Reading Skill</p>	

Month August	–	. Students will be able to identify and write similar words. . Students will be able to enact.					
TERM -2 Topic – Ls -1 The Swing No.of.periods : 3 Month – October	–	. students will be able to recite poem with action. . Students will be able to identify the correct pairs of opposites	Rubric for project	Explanatory Method	Rubric for project	. Performing Skill . Identifying Skill . Writing Skill Subject: E.V.S	Make the flash cards of different opposite words.
Topic – Ls 2 Do not Waste No.of periods – 4 Month – October	–	. Students will be able to read the lesson with correct pronunciation. . Students will be able to Consious about natural resources and use them responsively. . Students will be able to understand the Sources ppof Water.	Concept Map of Showing Activity of different ways to save electricity.	Explanatory Method Inductive Method	Sample of concept Map.	. Reading Skill .Understanding Skill Subject: E V.S , Maths	Make a collage on topic how to save electricity.
- Ls -3							

The Story of pot No.of periods - 3 Month – October	. Students will be able to identify the characters and sequence of the story . . Students will be able to read the lesson.	Role play	Explanatory Method Presenting Method	Reflection Sheet	. Performing Skill . Reading Skill	Decorate a small pot. 3D
Topic – Poem (The Friendly Helpers No.of periods - 3 Month – November	. Students will be able to speak small dialogues. . Students will be able to perform. . Students will be able to recite the poem.	Note Book work for identifying pictures of helpers	Explanatory Method Experiential learning	Rubric for notebook	Performing Skill . Speaking Skill	Conducting fancy dress competition
Topic – Ls -4 The Magic Show No.of.periods – 4 Month – November	. Students will be able to read. . Students will be able to create new words by adding or replacing a letter.	Rubric for project	Explanatory Method Collaborative work for finding new words.	Rubric for project.	.Recognizing Skill . Reading Skill . Collaborative Skill . Writing Skill Subject: Maths	Puppet Show of Bihar
Topic – Ls -5 Stay Fit Always	. Students will be able to develop interest in	Notebook	Explanatory Method Experiential	Notebook	.Creative Skill . Communication Skill	Conducting different sports in school ground.

No.of.periods : 4 Month – November	healthy habits. . students will be able to share daily routine. . Students will be able understand the importance of healthy habits.		learning		. Collaborative Skill Subject : E.V. S	
Topic : Poem (When I go Home) No.of periods: 4 Month – December	. Students will be able to recite the poem. . Students will be able to describe the picture in simple sentences.	Article on topic My Daily Routine	Explanatory Method Collaborative work	Sample of Article	Collaborative Skill Speaking Skill Writing Skill	Draw any 5 objects using in daily life.
Topic – Ls -6 Ria's Birthday No.of Periods : 4 Month : December	. Students will be able to read the lesson. . Students will be able to share their feelings	Reflection Sheet of child imagination of his/ her birthday.	Explanatory Method Collaborative work for writing simple sentences on topic of birthday.	Reflective Sheet	Reading Skill . Writing Skill . Collaborative Skill Subject: E.V.S	Prepare a creative Birthday cap. 3D
Topic – Ls -7	. Students will		Explanatory	Sample of	. Reading Skill	Paste any 5 safety measures pictures in

Stay Safe No.of periods – 4 Month – December	be able to read and understand the lesson. . Students will be able to identify the different traffic signboards. . Students will be able to get familiarise with safety measures at home or on the road .	Note Book	Method	Note book	.Creative Skill . Understanding Skill Subject: E.V.S	Notebook.
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वार्षिक पाठ्यचर्या एवं शैक्षणिक योजना 2024–25

कक्षा -पहली

विषय-हिंदी

शीर्षक(विषय): कालखंड की संख्या कब	सीखने के परिणाम	मूल्यांकन उपकरण	शिक्षक सीखने की रणनीतियाँ एवं गतिविधियाँ	संसाधन	अंतर अनुशासनात्मक /बहु अनुशासनात्मक	कला एकीकरण खेल एकीकरण
विषय-वर्णमाला कालखंड की संख्या मास-अप्रैल	विद्यार्थी सीख पाएंगे- *वर्णों की पहचान कर सकेंगे। * स्वरों का विश्लेषण कर पाएंगे। * वाचन मूल्यांकन, वाक्य रचना कर पाएंगे। *चित्र देखकर वाक्य लिख सकेंगे।	परियोजना के लिए रुब्रिक-(रिक्त स्थान के आधार पर) *लेखन शैली *स्वच्छता *वर्ण आकृति पुस्तिका	रणनीतियाँ - *व्याख्या *सहयोगात्मक *चिंतन आधारित गतिविधियाँ - कार का चित्र बनाकर रंग भरेंगे। *प्रस्तुतीकरण *शोध कार्य	परियोजना के लिए रुब्रिक बनाना। पुस्तिका के लिए जांच सूची नमूना बनाना।	कौशल- *स्मृति एवं संज्ञान *वाचन * सहयोग * लेखन बहु- अनुशासनात्मक- विषय-गणित- (कार)	कला एकीकरण - 'न' वर्ण से चींटी बनाएंगे।
विषय-अमात्रिक एवं आ की मात्रा कालखंड की संख्या- मास-जून	विद्यार्थी सीख पाएंगे - *अमात्रिक व आ की मात्रा वाले वर्णों से परिचित हो पाएंगे। *मात्रा का विश्लेषण कर पाएंगे। * पाठ वाचन के माध्यम से सहयोगात्मक कौशल का	परियोजना के लिए रुब्रिक-(श्रुतलेख के आधार पर)- *सुलेख * स्मृति *श्रवण *समय प्रबंधन पुस्तिका	रणनीतियाँ - -*व्याख्या *स्पष्ट-निर्देश *प्रभावशाली *प्रश्नोत्तर गतिविधियाँ - आम का चित्र बनाकर रंग भरेंगे। *प्रस्तुतीकरण *सहपाठी आकलन *समस्या सुलझाना	परियोजना के लिए रुब्रिक बनाना। पुस्तिका के लिए जांच सूची नमूना बनाना।	कौशल - *संवाद *विश्लेषणात्मक *अवलोकन *संज्ञान *तार्किक बहु- अनुशासनात्मक- विषय- विज्ञान (आम)	पड़ोसी राज्य - मैथिली भाषा के पांच शब्द लिखेंगे।

	विकास कर पाएंगे। *चित्र बनाकर शब्द लिखेंगे।					
विषय-इ एवं ई की मात्रा कालखंड की संख्या मास-जुलाई	विद्यार्थी सीख पाएंगे- *इ और ई की मात्रा वाले वर्णों से परिचित हो पाएंगे। * शब्दों का विश्लेषण कर पाएंगे। * शब्द से वाक्य बनने की प्रक्रिया को विकसित करने की रणनीति को जान पाएंगे। * कविता वाचन में सहभागी हो पाएंगे। *छात्र इ और ई वाले शब्द लिख पाएंगे।	परियोजना के लिए रुब्रिक-(सुलेख के आधार पर) *लेखन शैली *स्वच्छता *वर्ण आकृति *समायोजन	रणनीतियाँ - *व्याख्या *अनुभव आधारित ज्ञान *अवलोकन *पठन/लेखन *स्मृति गतिविधियाँ - इमली का चित्र बनाकर रंग भरेंगे। *तर्कपूर्ण चिंतन *सहयोग *समस्या सुलझाना	परियोजना के लिए रुब्रिक बनाना। पुस्तिका के लिए जांच सूची नमूना बनाना।	कौशल- *तर्कपूर्ण चिंतन *विश्लेषणात्मक *सहयोग * सृजनात्मक * नवाचार बहु- अनुशासनात्मक- विषय - विज्ञान(इमली)	कला एकीकरण चिड़िया का चित्र बनाकर दो वाक्य लिखेंगे।
विषय- उ एवं ऊ की मात्रा कालखंड की संख्या मास-अगस्त	विद्यार्थी सीख पाएंगे- *उ और ऊ की मात्रा पहचान कर पाएंगे।	परियोजना के लिए रुब्रिक-(चित्र के आधार पर) *निर्देश *स्वच्छता	रणनीतियाँ - *व्याख्या *चिंतन आधारित ज्ञान *सहयोगात्मक *पठन/लेखन	परियोजना के लिए रुब्रिक बनाना। पुस्तिका	कौशल-* तार्किक एवं संज्ञान *विश्लेषणात्मक *सहयोग	पड़ोसी राज्य - बिहार राज्य का राजकीय फल (लीची)का चित्र बनाकर चार

	<ul style="list-style-type: none"> * उ और ऊ के स्वरों का विश्लेषण कर सकेंगे। * शब्द रचना व वाक्य रचना कर सकेंगे। * छात्रों का उच्चारण शुद्ध एवं परिमार्जित हो पाएगा। * चित्रों का मूल्यांकन कर सकेंगे। 	<ul style="list-style-type: none"> *रंग *समायोजन पुस्तिका	<ul style="list-style-type: none"> *साध्य स्मृति गतिविधियाँ -सेब का चित्र बनाकर रंग भरेंगे। <ul style="list-style-type: none"> *तर्क पूर्ण चिंतन *प्रस्तुतीकरण *समस्या सुलझाना 	<ul style="list-style-type: none"> के लिए जांच सूची नमूना बनाना। 	<ul style="list-style-type: none"> * सृजनात्मक * पठन /लेखन बहु-अनुशासनात्मक-विषय - विज्ञान(सेब)	वाक्य लिखेंगे।
TERM II						
विषय- ए, ऐ एवं ओ की मात्रा। कालखंड की संख्या मास-अक्टूबर	विद्यार्थी सीख पाएंगे - <ul style="list-style-type: none"> * ए , ऐ और ओ की मात्रा पहचान पाएंगे। * व्यंजनों में मात्रा का प्रयोग कर पाएंगे। * वाक्य रचना कर सकेंगे। * छात्रों का उच्चारण 	परियोजना के लिए रुब्रिक-(जोड़ी मिलाइए के आधार पर) - <ul style="list-style-type: none"> *विवेचनात्मक * तार्किक पुस्तिका	रणनीतियाँ - <ul style="list-style-type: none"> *व्याख्या *चिंतन/तार्किक/स्मृति *सहयोगात्मक *व्यवहार *अनुभवात्मक गतिविधियाँ- ए वर्ण से ऐनक का चित्र बनाकर रंग भरेंगे। <ul style="list-style-type: none"> *शोध कार्य *तर्क पूर्ण चिंतन 	परियोजना के लिए रुब्रिक बनाना । पुस्तिका के लिए जांच सूची नमूना बनाना।	कौशल- <ul style="list-style-type: none"> *स्मृति एवं संज्ञान *अवलोकन * सहयोग * लेखन/पठन बहु-अनुशासनात्मक-विषय-कला-(ऐनक)	कला एकीकरण मधुबनी कला से मोर का चित्र बनाकर भरेंगे।

	<p>शुद्ध एवं परिमार्जित हो जाएगा।</p> <p>* चित्र व पठन कौशल के माध्यम से मात्राओं का विश्लेषण कर पाएंगे।</p> <p>* छात्र पाठ वाचन करेंगे।</p>					
<p>विषय-औ, अं, अः</p> <p>*आओ खेलें खेल</p> <p>*हमारा राष्ट्रीय पक्षी</p> <p>कालखंड-मास-नवंबर</p>	<p>विद्यार्थी सीख पाएंगे-</p> <p>*औ, अं, अः की मात्रा पहचान पाएंगे।</p> <p>* उच्चारण क्षमता का विकास कर पाएंगे।।</p> <p>* शब्द रचना एवं वाक्य रचना का विकास कर पाएंगे।।</p> <p>* संवाद में सहयोग दे पाएंगे।</p>	<p>परियोजना के लिए रुब्रिक-(श्रुतलेख के आधार पर)-</p> <p>* श्रवण</p> <p>* तार्किक पुस्तिका</p>	<p>रणनीतियाँ -</p> <p>*व्याख्या</p> <p>*चिंतन/ स्मृति</p> <p>* सहयोगात्मक</p> <p>* व्यवहार</p> <p>* अनुभवात्मक गतिविधियाँ -अं वर्ण से अंगूर का चित्र बनाकर रंग भरेंगे।</p> <p>*प्रस्तुतीकरण</p> <p>*समस्या सुलझाना</p>	<p>परियोजना के लिए रुब्रिक बनाना।</p> <p>पुस्तिका के लिए जांच सूची नमूना बनाना।</p>	<p>कौशल-</p> <p>*भावनात्मक</p> <p>*संवेदनात्मक</p> <p>*विवेचनात्मक</p> <p>बहु-</p> <p>अनुशासनात्मक-विज्ञान-(अंगूर का चित्र)</p>	<p>कला एकीकरण</p> <p>अं वर्ण से अंगूर का चित्र बनाकर रंग भरेंगे।</p>
<p>विषय-</p> <p>*अध्याय2.बिल्ली</p>	<p>विद्यार्थी सीख पाएंगे-</p> <p>*अध्याय 2</p>	<p>परियोजना के लिए रुब्रिक-(सृजनात्मक लेखन के आधार पर)</p>	<p>रणनीतियाँ -</p> <p>*व्याख्या</p> <p>*चिंतन/ स्मृति</p>	<p>परियोजना के लिए रुब्रिक</p>	<p>कौशल-</p> <p>*स्मृति एवं संज्ञान*वाचन</p>	<p>कला एकीकरण</p> <p>रंगीन कागज की सहायता से बिल्ली</p>

<p>और चूज़ा *अध्याय3. सब्बू और मिक्खू की दोस्ती(पाठ-पठन) *अधूरा चित्र *बारहखड़ी *आओ पहचान करें *आलसी टिड्डा(पाठ- पठन) * र की मात्रा (पाठ-पठन) कालखंड की संख्या मास- दिसंबर</p>	<p>के माध्यम से बच्चे वाचन,संज्ञान एवं संवेदनात्मक भाव को जान पाएंगे। *जीवन कौशल एवं नैतिकता का विकास कर पाएंगे *छात्रों का उच्चारण शुद्ध एवं परिमार्जित हो जाएगा। *चित्रों का मूल्यांकन कर सकेंगे।</p>	<p>* चित्र * निर्देश *स्वच्छता पुस्तिका</p>	<p>* सहयोगात्मक * व्यवहार * अनुभवात्मक गतिविधियाँ- अपने प्रिय मित्र का चित्र चिपकाकर दो वाक्य लिखेंगे। *प्रस्तुतीकरण *तर्क पूर्ण चिंतन *समस्या सुलझाना</p>	<p>बनाना। पुस्तिका के लिए जांच सूची नमूना बनाना।</p>	<p>*सहयोग *लेखन बहु-अनुशासनात्मक- विषय- मानव विज्ञान(मित्र का चित्र)</p>	<p>का मुखौटा बनाकर कक्षा कॉपी में चिपकाएंगे।</p>
<p>विषय- * डाली चली मॉल (पाठ-पठन) *आओ खेलें खेल(पाठ-पठन) * लाल पीली और हरी बत्ती *कविता(पाठ- पठन) *कहानी(पाठ- पठन) * रचना का सपना- चॉकलेट</p>	<p>विद्यार्थी सीख पाएंगे- *रंगों की पहचान कर पाएंगे। *खेल के माध्यम से स्वयं का विश्लेषण कर सकेंगे। *यातायात के नियमों के द्वारा स्वयं</p>	<p>परियोजना के लिए रुब्रिक-(सुलेख के आधार पर)- *वर्ण *निर्देश *स्वच्छता पुस्तिका</p>	<p>रणनीतियाँ- *व्याख्या *चिंतन/तार्किक/स्मृति *सहयोगात्मक *खोज शोध *अनुभवात्मक गतिविधियाँ- ट्रेफिक लाइट का चित्र बनाकर रंग भरेंगे। *प्रस्तुतीकरण *समस्या सुलझाना</p>	<p>परियोजना के लिए रुब्रिक बनाना । पुस्तिका के लिए जांच सूची नमूना बनाना।</p>	<p>कौशल- *अवलोकन *वाचन *सहयोग *विवेचनात्मक बहु-अनुशासनात्मक- विषय-सामाजिक विज्ञान-(चित्र ट्रेफिक लाइट)</p>	<p>पड़ोसी राज्य - * रिक्त स्थान भरिए- 1. बिहार राज्य की राजधानी----- है । 2. बिहार का मुख्य त्योहार----- पूजा है।</p>

महल (पाठ- पठन) काल खंड की संख्या मास-जनवरी	का मूल्यांकन कर सकेंगे। *छात्रों का उच्चारण शुद्ध एवं परिमार्जित हो पाएगा। *चित्रों का मूल्यांकन कर सकेंगे।					
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Annual Curriculum and Pedagogical Plan

Class I

Subject : Mathematics

Topic:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Chapter:-1 Pre-number concept No. of Periods: 4 Month: April	Student will be able to:- a) identify big and small objects. b) differentiate between thick and thin, near and far, many and few. C) apply the knowledge of before after and between in day to day life.	*Notebook *Peer assessment	Approach : *Explanatory method *Collaborative Activity: *Tombola *Floor games (number line) *where is the ball?(near or far)	*Peer assessment sheet * Rubrics for notebook	*Collaboration skill *Critical thinking Subject :- *English	Performing art (Fun with box)
Chapter:-2 Numbers up to 20 and more about numbers No. of Periods: 4 Month: June	Students will be able to:- a) Develop the vocabulary of group of tens and ones. b) compare numbers up to 20. c) show numbers on the abacus and on number line.	*Peer assessment (dictation)	Approach : *Explanatory method * audio linguistic Activity : *The smiley cup (ascending and descending) *Number sense card game	-PEER Assessment Sheet	*Recognizing *Calculating skill *Critical thinking Subject :- English EVS	Make a caterpillar showing numbers 1 to 20

Chapter:-3 addition up to 20 No of periods :8 Month - July	Students will be able:- a) Add numbers by counting forward. b) Perform addition to real life situation.	*Checklist	Approach : *Explanatory method *Experiential *Play way method *Problem solving method Activity : * ludo * Abacus *Pin it down *Roll the dice	*Sample of checklist	*critical thinking *Calculating skill Subject :- * Hindi *English	*Apple tree game
Chapter:-4 subtraction up to 20 No of periods : 8 Month – July	Students will be able to:- a) subtract numbers by counting backward. b) perform subtraction to real life situations. c) identify whether a word problem can be solved using add or subtract.	Note book	Approach : *Explanatory method *Play way method *Problem solving method Activity : *Feed the big fish * Fun with marbles	* Rubrics for notebook	* communicating skill *performing Skill *critical thinking *Calculating skill Subject :- *English	*Dice game
Chapter:-5 & 6 Addition and subtraction up to 50 + More	Students will be able to:- a) solve 2 digit numbers of addition and	*Notebook Peer assessment	Approach : *Explanatory method *Play way method	*Rubrics for notebook *Peer assessment sheet	*communicating skill * performing Skill * critical thinking *Calculating skill	*3 D Play Addition (Catch Ball)

<p>about addition and subtraction</p> <p>No.of.periods : 10</p> <p>Month – August</p>	<p>subtraction up to 100. b) identify whether a word problem can be solved using addition or subtraction. c) apply addition and subtraction in everyday situation.</p>	<p>(playing dice game)</p>	<p>*Problem solving method *Inductive-deductive method</p> <p>Activity : *Butterfly dice addition</p>		<p>Subject :- *English</p>	
<p>TERM -2</p> <p>Chapter:-1 Multiplication</p> <p>No.of.periods : 6</p> <p>Month:- October</p>	<p>students will be able to:- a) understand the concept of multiplication as repeated addition and multiplication facts. b) demonstrate about skip counting and multiplication tables.</p>	<p>*Notebook *Peer assessment</p>	<p>Approach :</p> <p>*Explanatory Method *problem solving method *play- way *collaborative</p> <p>Activity : *multiplication flower * Number Line</p>	<p>*Rubric for notebook *peer assessment sheet</p>	<p>*logical thinking skill *calculating skill *critical thinking *reasoning</p> <p>Subject :- *Art and craft</p>	<p>*Parcheesi (Game of Bihar)</p>
<p>Chapter:-2 Measurement</p> <p>No.of.periods : 6</p> <p>Month:- October</p>	<p>Students will be able to:- a) compare length of various item. b) measure items using non standard and standard</p>	<p>*Checklist *notebook</p>	<p>Approach :</p> <p>*Explanatory Method *inductive-deductive method *play- way *experiential method</p>	<p>*Rubric for notebook *sample of checklist</p>	<p>*Collaborative skill *creative skill *critical thinking * communicative skill</p>	<p>*Conducting long jump race</p>

	units. c) choose the appropriate unit of measurements in different situation. d) measure weights and capacity of different objects.		Activity : * What holds more? *The weighing machine (weight different objects)		Subject :- English	
Chapter:-3 Time and calendar No.of.periods : 6 Month:- November	Students will be able to:- a) read the time. b) name the days of the week and month of the year. c) differentiate between yesterday, today and tomorrow.	*reflection sheet *concept map	Approach : *Explanatory Method *inductive-deductive method *collaboration method Activity : *What is the time ? * paper plate clock * Jingles	*Sample of reflection *sample of concept map	*creative skill *critical thinking *reading *identifying Subject :- *English *Hindi	*Paper plate clock
Chapter:-4 money No.of.periods : 8 Month:- November	Students will be able to:- a) identify different denomination of currency notes and coins.	*note book *peer assessment * Role play	Approach : *Explanatory Method *inductive-deductive method *collaboration method	*rubrics for notebook *peer assessment sheet	* communicating skill *problem solving *ethical skill *critical thinking	*Roll play (grocery store)

	b) recognize Indian currency c) read and write money d) add money e) importance of money		*roll play method Activity : *coin tracing *Pop the piggy (money addition) * The super market		Subject :- *English *Hindi	
Chapter:-5 Shapes and pattern No.of.periods : 8 Month:- November	Students will be able to:- a) recognize the plane and solid shapes. b) differentiate between rolling and sliding objects. c) 2D and 3D shapes with air attributes.	*note book * checklist *project *peer assessment	Approach : *Explanatory Method *demonstration method *inductive-deductive method *problem solving method *experiential learning *collaborative method Activity : *leaf printing *wall hanging of different shapes * Mystery bag (3D shapes) *jingle	*Rubrics for notebook *peer Assessment sheet *Sample of checklist * Rubrics for project	*Memorizing skills *comparing Skill *Collaborative Skill * Identifying skill Subject :- *English Art and Craft	*Manjusha Painting of Bihar (pattern and shapes)
Chapter:-6 Fraction No.of.periods :	Students will be able to:- a) comprehend that fraction are part of a whole.	*Notebook *Peer assessment	Approach : *Explanatory Method *demonstration method	*Rubrics for notebook *peer Assessment	*Memorizing skills *comparing Skill *Collaborative Skill * Identifying skill	*The Paratha box (4 plane shape parthas)

8	b) divide whole into half and one forth. c) shade the given fraction.		*inductive-deductive method *problem solving method *experiential learning *collaborative method Activity : *Fraction wheel *cake cutting	sheet	Subject :- *English *Hindi *Art and Craft	
Chapter:-7 Data handling No.of periods: 6 Month – December	. Students will be able to:- a) observe and collect information. b) read and interpret the information from the given data.	*Notebook *Peer assessment *Project	Approach : *Explanatory Method *demonstration method *inductive-deductive method *problem solving method *experiential learning *collaborative method Activity : *The fruit basket (sorting) *My classroom (sorting)	*Rubrics for notebook *peer Assessment sheet * Rubrics for project	*Memorizing skills * Logical thinking * Calculating skills Subject :- *English *EVS	* Flower sorting
Chapter:-8 Number up to	Students will be able to:-	* Checklist *Notebook * Peer	Approach : *Explanatory Method	*Rubrics for	*Memorizing skills * Logical thinking	*Tambola Game

101 to 500 No.of Periods : 8 Month : January	a)represent numbers up to 500 pictorially , concretely , symbolically. b)represent numbers using manipulative.	assessment	*demonstration method *inductive-deductive method *problem solving method *experiential learning *collaborative method Activity : *Find the bird *Snakes and Ladder *The Giant wheel (Before, after and between) *Place Value Game	notebook *peer Assessment sheet *Sample of checklist	* Calculating skills Subject :- *English	
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Annual Curriculum and Pedagogical Plan

Class 1

Subject : Environmental studies

	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: MYSELF No. of Periods: 6	. Students will be able to a) introduce themselves. b) acknowledge that all have different likes and dislikes .	-Notebook	Approach: .Behavioural . Question answer Activity: .Role Play	Sample of Note book	. Speaking Skill . Listening Skill . Performing skill Subject involved- English	Make an Identity card from A4 size sheet.

Month: April						
Topic: Ch – 2 Our Body + Ch – 3 Keeping clean and fit No of periods :6 Month: June	. Students will be able to a)recognise various parts of body. b)get knowledge about how sense organ help them to feel the world around them. c) get acknowledge about the concept of habit. d) that basic habits should be learned well and practiced everyday.	-Notebook -Dictation - Jingles Checklist	Approach: . Explanatory Method .audio linguistic . Experiential Activity: .Prepare your own hygiene box . Role Play . Sensory Box	-PEER Assessment -Notebook Video of jingles Sample of checklist	- Reading Skill . Performing skill - Creativity - Speaking skill Subject involved – *Art and craft *Maths	Thumb printing (Peacock)
Topic : Ch 4 - The food we eat No of periods :6 Month - July	. Students will be able to a) realize the importance of food. b) understand the concept of three meals of the day. c) inculcate good food habits in them.	Reflection sheet	Approach: .Explanatory Method .Reflective enquiry based. .Collabrative Activities: .Role play – Say two sentences about your favourite fruit or vegetable. .Preparing salad	Sample of Reflection sheet	. Reading Skill . Performing Skill . Speaking skill . Ethical skill . Creative skill Subject involved: English and art	Culinary art Draw and colour the picture of Mango (fruit of state Bihar).
	. Students will be able		Approach: . Explanatory	Sample of	. Reading Skill	Make an umbrella with origami

Topic- Ch 5 The Clothes we wear No of.periods : 6 Month – July	to a) understand the importance of clothes. b) explain how different season affect in our clothing. c) learn about the importance of wearing clean clothes.	Peer Assessment Sheet	Method . Collabrative . Reflective inquiry based. Activities : . Clothes guessing game . Matching clothes with weather	Peer Assessment Sheet	. identifying Skill . creative Skill . Ethical Skill Subject involved: English and art	sheet.
Topic – Ch 6 Houses we live in No.of.periods : 6 Month – July	. Students will be able to a) acknowledge about different kinds of houses. b) identify different rooms in the house. c) differentiate between kutcha house and pucca house.	Concept map	Approach: . Explanatory Method . Experiential Learning . Activities: . Paper folded house . House of shapes	Sample of concept map	. Communication skill . Identifying Skill Subject involved: Maths	Make a kutcha house using broom sticks.
Topic – Ch 7 My Family No.of periods : 6 Month:August	. Students will be able to a) recognise what a family is. b) get to know about different types of families c) differentiate between small and big family.	Notebook Project	Approach: . Explanatory Method . Experiential learning Activity : . Family tree	Rubric for project	. Recognising and identifying Skill . Creative skill Subject involved: Maths	Thank you card for parents .

	d) identify and appreciate relationship.					
Topic – Ch 8 My School No.of.periods – 6 Month- August	. Students will be able to a) realise the importance of going to school. b) recognize different places in school and co relate these places with different activities.	Checklist	Approach: .Explanatory Method .Reflective inquiry Behavioural Activities : .School trip .Quiz	Sample of checklist	. Identifying Skill . Recognizing skill . Communication skill Subject involved : Maths	Paste picture of any 5 activities you do in school.
Topic Ch – 9 Fesivals we celebrate No of periods : 6 Month : August	. Students will be able to a) understand the reason and purpose of celebrating festival. b) get knowledge about the different religious and national festival. c) differentiate between religious and national festival.	Reflection sheet Role play	Approach: .Explanatory Method .Reflective inquiry based Activities : .Diya decoration .Speak 2 sentences about your favourite festival	Sample of reflection sheet	Performing Skill . Reading Skill . Communication skill . Creative skill Subject involved : Art and Craft	Draw a picture of Chat puja festival (Bihar) On A 4 size sheet.

Topic – Ch 10 Safety Rules No.of.periods : 6 Mon – August	. students will be able to a) understand how to be safe at home. b) inculcate the habit that keep them safe at school and road.	Jingles	Approach: .Explanatory Method .Audio linguistic method Activities : .Reading of chapter .Identify the traffic sign . First aid box	Recorded video	. Reciting Skill . Identifying Skill . Performing skill Subject involved : English	Make a traffic light in notebook. Hide and seek game
Term II Topic – Ch 1 Our Neighbourhood + Ch 2 People who help us No.of periods – 6 Month – October	. Students will be able to a) understand the concept of neighbourhood and neighbours . b) recognize the different places in the neighbourhood. c) learn and value the dignity of every type of work.	Concept Map	Approach: .Explanatory Method .Experiential method Activities .Writing the names of different places of neighbourhood. . Role play	Sample of concept Map. Video of role play	. Performing Skill .Communication Skill . Speaking skill Subject involved : Hindi , Maths	Draw and colour Post box .
Topic – Ch 3 The World of plants No.of periods – 6 Month-October	Students will be able to a) identify the different types of plants growing around us. b) cultivate the feeling of respect and sense of protection towards	Peer Assessment sheet	Approach: .Explanatory Method .Collaborative Method Activities: .Paste picture of medicinal plant of Bihar. .Germination	Sample of Peer Assessment Sheet	. Identifying skill . Reading Skill . Ethical skill .Communicative skill Subjects involved: Art and English	Leaf Printing

	plants.		.Campus visit			
Topic – Ch 4 The world of animals No.of periods – 6 Month – November	Students will be able to a) realise the diversity of animals around them. b) categorize animals as pet , domestic , wild. c) recognise the need to treat them with love and care.	Note Book	Approach: .Explanatory Method .Experiential learning Activities- .Sorting game (asking them to categorise the animals name in the notebook). . Quiz . Guessing game	Sample of notebook	. Identifying skill . Speaking Skill . Critical Thinking Subject involved: Hindi , Maths General knowledge	Prepare a book mark with the help of cut out of different animals.
Topic Ch – 5 Air No of periods – 6 Month – November	. Students will be able to a) realise that air is all around us. b) understand the importance of air . c) identify the different types of wind.	Reflection sheet	Approach: .Explanatory Method .Experiential method .Inductive deductive method Activities: .blowing of balloon. .paper plane	Sample of reflection sheet	.Recognizing Skill .Reasoning skill . Collaborative Skill . Creative thinking Subject involved - English	Paper Fan with old newspaper.
Topic – Ch 6 Water No.of.periods : 6 Month – December	Students will be able to a) realise how water is vital for all the living beings on earth. b) Understand	Notebook	Approach: .Explanatory Method .Experiential learning .Question answer .Collabrative	Notebook	.Creative Skill . Communication Skill . Collaborative Skill Subject involved : English ,	Make a pot using clay dough for birds.

	<p>the various uses of water.</p> <p>c) Recognize the various sources of water...</p>		<p>Activities:</p> <p>.Role play</p> <p>.Colour mixing</p>		Art	
<p>Topic : Ch 7</p> <p>Weather</p> <p>No.of periods: 6</p> <p>Month – December</p>	<p>Students will be able to</p> <p>a) Get acquainted what weather means.</p> <p>b) Identify the different kinds of weather .</p>	Project	<p>Approach:</p> <p>.Explanatory Method</p> <p>.Collaborative work</p> <p>.Experiential Activities:</p> <p>.Make a Snowman using different shapes.</p> <p>.Weather wheel</p>	Rubrics for Project	<p>Identifying Skill</p> <p>Creative Skill</p> <p>Reasoning Skill</p> <p>Subject involved:</p> <p>Art</p> <p>Maths</p>	Snow fall in the jar
<p>Topic</p> <p>Ch – 8</p> <p>Sun Moon amd Stars</p> <p>No.of Periods : 6</p> <p>Month : December</p>	<p>Students will be able to</p> <p>a) read the lesson.</p> <p>b) identify different things seen in the sky at different time.</p> <p>c) differentiate between day and night.</p> <p>.</p>	Reflection Sheet	<p>Approach:</p> <p>Explanatory Method</p> <p>Collaborative Inquiry based Activity:</p> <p>Draw a scenery showing day or night.</p>	Sample of Reflective Sheet	<p>Reading Skill</p> <p>. Writing Skill</p> <p>. Collaborative Skill</p> <p>Subject involved :</p> <p>.Social science</p> <p>.Art and craft</p>	Make a star out of shiny paper.

Class : _____1st_____
_____SUPW_____

Subject :

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						
Topic :						
Colouring Fun is <ul style="list-style-type: none"> • Identify the colour. • Name the animal and the plant. • Compare colour combination. 	<ul style="list-style-type: none"> • Neatness, using colours in thoughtful way. 	<ul style="list-style-type: none"> • Neatness, using colours in thoughtful way. 	<ul style="list-style-type: none"> • Explanation 	<ul style="list-style-type: none"> • Mac Book 	EVs	
Half Drawn	<ul style="list-style-type: none"> • Improve drawing and colouring skills and eye hand coordination. 	<ul style="list-style-type: none"> • Neatness, accuracy. 	<ul style="list-style-type: none"> • Demonstration 	<ul style="list-style-type: none"> • Mac Book 	EVs	

Shape Based	<ul style="list-style-type: none">• Complete drawing independently without dots.• Identify and name objects by way of their shape and colour name.• Draw different objects using concept of 2D And 3D figures .• Use imaginative skills and create art as per their own imagination.• Create prints using fruits and Vegetables.	<ul style="list-style-type: none">• Neatness, colours in thoughtful way	<ul style="list-style-type: none">• Explanation	<ul style="list-style-type: none">• Mac Book	Maths	
Vegetable painting		<ul style="list-style-type: none">• Neatness, creativity.	<ul style="list-style-type: none">• Explanation	<ul style="list-style-type: none">• Mac Book	EVs	

Borders & Corners	<ul style="list-style-type: none">•Use colour, Shape and Texture to design new borders.					
	<ul style="list-style-type: none">•Create an accurate and proportional drawing.	<ul style="list-style-type: none">•Neatness, accuracy	<ul style="list-style-type: none">•Explanation	<ul style="list-style-type: none">•Mac Book	Maths	
Bounding Box	<ul style="list-style-type: none">•Develop their ability to concentrate on task .• Present neatly and follow the given instructions.• Select appropriate colour.	<ul style="list-style-type: none">•Follow instructions. all	<ul style="list-style-type: none">•Demonstration	<ul style="list-style-type: none">•Mac Book	EVs and Maths	
Step by step		<ul style="list-style-type: none">•Children will pay attention for movement and				

Pattern	<ul style="list-style-type: none">• Draw and colour pictures using new patterns & proper colour scheme.• Create different patterns based on geometrical shapes.	<p>coordinate step by step.</p>	•Demonstration	•Mac Book	Maths	
	<ul style="list-style-type: none">•Understand thumb impression method using different leaves.•Develop large and fine motor skills, eye-hand coordination, and intellectual abilities that apply to imagination.	<p>•Students will learn how to create different patterns.</p>	•Demonstration	•Mac Book	Maths	

Thumb painting	<ul style="list-style-type: none">•Recognize emotions in the given pictures.• Use line, shape, colour and space to express emotion in a drawing.•Explore and regulate their emotions.	<ul style="list-style-type: none">•Creativity,hand and eye coordination, follow all directions.				
Emoticons	<ul style="list-style-type: none">•Develop a basic understanding of pencil shading.•Improve thinking skills and create new things.	<ul style="list-style-type: none">•Neatness, accuracy.	•Experiential	•Mac Book		

<div>Sketch with pencil</div> <div>Colouring with sketch pen</div>	<div> •Demonstrate earbud painting technique. </div> <div> •Create their own dot painting with the help of earbud . </div> <div> • Draw organic and geometric shapes in the appropriate sections of their painting. </div> <div> • Determine correct proportions for </div>	<div> •Follow directions. all </div> <div> •Neatness, and coordination, follow instructions. hand eye all </div> <div> •Creativity , hand and eye </div>	<div>•Explanation</div> <div>•Demonstration</div>	<div>•Mac Book</div> <div>•Mac Book</div>	<div>EVS</div>	
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Earbud Painting	<p>figure drawing.</p> <ul style="list-style-type: none">•Develop their fine motor skills,to draw human figure and objects.	coordination	<ul style="list-style-type: none">•Demonstration	<ul style="list-style-type: none">•Mac Book	EVS	
	<ul style="list-style-type: none">•Differentiate between primary and secondary colours.	<ul style="list-style-type: none">•Creativity, Neatness, Colour scheme.	<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book	EVS	
Abstract Art	<ul style="list-style-type: none">•Identify the materials, techniques, and processes used in making leaf Painting.	<ul style="list-style-type: none">•Originality of work,Perfection	<ul style="list-style-type: none">•Explanation	<ul style="list-style-type: none">•Mac Book	Maths	

Stick Drawing Character & Composition	<ul style="list-style-type: none">•Understand scraping technique and learn to scratch out outline of drawing.•Improve thinking skills and create new things.					
		<ul style="list-style-type: none">•Colour mixing, Creativity, Presentation.	<ul style="list-style-type: none">•Explanation	<ul style="list-style-type: none">•Mac Book	Maths	
Primary and secondary colours	<ul style="list-style-type: none">• Develop their fine motor skills, to draw human figure and objects.	<ul style="list-style-type: none">•Leaves- print.				
Leaf painting	<ul style="list-style-type: none">•Experiment with a new paint tool		<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book		

Glowing outline	and create sponge painting.					
	<ul style="list-style-type: none">•Create a Suitable composition using their creativity and imaginative skills.•Develop their ideas for craftwork through drawing .•Use of materials and tools to Create works of art or design.•Develop a sense of creativity, foster Social and emotional skills.	<ul style="list-style-type: none">•Colour mixing.•Neatness, perfection.•Children will pay attention for movement and coordinate while	<ul style="list-style-type: none">•Experiential•Demonstration	<ul style="list-style-type: none">•Mac Book•Mac Book	EVS	

Semi-Realistic		drawing figures.				
Character & Composition	<ul style="list-style-type: none">• Improve their imagination skills and Creativity.	<ul style="list-style-type: none">•Creativity, innovative.				
Sponge painting	<ul style="list-style-type: none">•Learn proper paper folding technique.		<ul style="list-style-type: none">•Explanation	<ul style="list-style-type: none">•Mac Book	Maths	
		<ul style="list-style-type: none">•Neatness, perfection,				
	<ul style="list-style-type: none">• create different forms using foil paper.					
Cartoon Character & Composition	<ul style="list-style-type: none">• Learn handling and reshaping of foil.					
		<ul style="list-style-type: none">•Neatness, Creativity,Follows all directions.	<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book	Maths	
	<ul style="list-style-type: none">• Create basic					

<p>Pasting techniques</p> <p>(Sequin, matchstick, paper,cotton, IcecreamStick,)</p>	<p>shapes using clay.</p> <ul style="list-style-type: none">• Encourages play-based learning.•Promotes sensory development.•Create and make Birthday Cards as gifts for people.• They Can uncover new talents, express themselves and develop valuable skills for the future.	<p>•Neatness, and style.</p>	<p>•Demonstration</p> <p>•Experiential</p>	<p>•Mac Book</p> <p>•Mac Book</p>	<p>EVS</p>	
<p>Sandpaper Activity</p>		<p>•Perfection, follows all instructions.</p>				

Origami Duck		<ul style="list-style-type: none"> •Originality of work, innovative, Creativity, Perfection. 	•Experiential	•Mac Book	EVS	
Foil Paper Activity		<ul style="list-style-type: none"> •Creativity,use of materials, presentation. 	•Experiential	•Mac Book		
Clay Modelling		<ul style="list-style-type: none"> •Neatness, 	•Experiential	•Mac Book	EVS	

<div data-bbox="73 418 226 521"><p>Handmade- Octopus</p></div>		<div data-bbox="581 56 709 94"><p>Accuracy.</p></div>	<div data-bbox="875 561 1050 594"><p>•Experiential</p></div> <div data-bbox="875 1344 1092 1377"><p>•Demonstration</p></div>	<div data-bbox="1182 561 1331 594"><p>•Mac Book</p></div> <div data-bbox="1182 1344 1331 1377"><p>•Mac Book</p></div>	<div data-bbox="1495 919 1543 951"><p>EVS</p></div>	
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan
2024-2025

Class: 1

Subject: Computer

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: CHAPTER- 1 Computer – A Machine Sub-topics: <ul style="list-style-type: none"> • Natural Things • Human- made Things • Types of Computers 	Students will be able to: <ul style="list-style-type: none"> • Identify and classify objects as natural or human-made • Identify a computer and its characteristics. 	Peer Assessment on : showing different objects to find out Natural things and Human made	Approach: Explanation Demonstration Experiential Activity: Peer Assessing	Peer Assessment Sheet	Life skills: *Memorizing skill *Logical thinking skill Subject: Science	Collect and paste pictures of any five machines in the form of collage.

No. of Periods: 8 Month: April + June	<ul style="list-style-type: none"> Describe different types of computers. 	things.				
Topic: CHAPTER-2 Uses of a Computer Sub-topics: 1) Places where computer is used 2) Uses of Computers in Daily Life. No. of Periods: 6 Month: October	Students will be able to: <ul style="list-style-type: none"> Explore applications of computer Uses of computer in daily life 	Checklist: Make a list of all places where you have seen a computer in use.	Approach: Explanation Demonstration Experiential Activity: <ul style="list-style-type: none"> Making Checklist 	Sample of Checklist	Life skills: * Observation * Logical thinking Subject: Science	Role play (For example : I am a computer in the Railway booking counter)
Topic: CHAPTER- 3 Parts of a Computer Sub-topics: 1) Main Parts of Computer 2) Additional Devices 3) Functions of the parts of a computer. No. of Periods:6 Month: July	Students will be able to: <ul style="list-style-type: none"> Access themselves and peers Make presentation 	Peer Assessment (Practical Activity)	Approach: Explanation Demonstration Experiential Activity: <ul style="list-style-type: none"> Talk about 'My favorite computer part is..... and share the reason. 	Peer Assessment (Practical Activity)	Life skills: * Observation * Logical thinking * effective communication skills Subject : Art & Craft + science	Collect a picture of any part of a computer. Now in a group of 3 students, mix the image. Pick any image and speak one line about it.
Topic:	Students will be	Peer	Approach:	Peer	Life skills:	Show how to

CHAPTER-5 Computer Mouse Sub-topics: 1) Parts of a Mouse 2) Mouse Pointer 3) Holding a Mouse 4) Using Mouse Buttons No. of Periods:6 Month: November	able to know: <ul style="list-style-type: none"> • . Access themselves and peers • Identify Using Mouse buttons • Analyze Holding a Mouse 	Assessment (Practical Activity)	❖ Demonstration ❖ Experiential ❖ Explanation Activity: In group of five students, go to your computer lab, perform the mouse actions taught in the chapter.	Assessment (Practical Activity)	*Memorizing skill *Logical thinking skill * Observation Subject : Science	hold the mouse using your hands. With palm impression.
Topic: CHAPTER-6 Computer Keyboard Sub- topics: 1) What is a Keyboard? 2) Different types of Keys 3) Cursor and its navigation No. of Periods:6 Month: August	Students will be able to: <ul style="list-style-type: none"> • . Access themselves and peers • Identify using different types of keys and their usage. • Analyze When and Where to use Keys. 	Peer Assessment (Practical Activity)	Approach: ❖ Explanation ❖ Demonstration ❖ Experiential Activity: <ul style="list-style-type: none"> • . Name the types of keys- <ul style="list-style-type: none"> ✓ To type your name. ✓ To type your House no. 	Peer Assessment (Practical Activity)	Life skills: *Observation Skills *Logical thinking skill Subject : Science	<ul style="list-style-type: none"> • Using a chart paper. Draw a computer keyboard. Draw all the keys and label them. • Using Keyboard Type 3 lines on traditional food of 'Bihar'
Topic: CHAPTER- 7 Storage Devices Sub-topics: 1) Meaning of Storage 2) Storage units 3)Types of Storage Devices No. of Periods:6	Students will be able to: <ul style="list-style-type: none"> • Analyze Data •Identify types of storage devices 	Checklist: Make a list of the names of any four things which you can store in your school bag.	Approach: ❖ Explanation ❖ Demonstration ❖ Experiential Activity: Making checklist	Sample Checklist of	Life skills: *Observation Skills *Logical thinking skill *Learning Skills Subject : Science	In a group of five students, bring pictures of different storage devices. On a chart paper, paste the pictures, and decorate the chart.

Month: December-January						
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Annual Curriculum and Pedagogical Plan

Class : II

Subject : ENGLISH

TERM 1

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi- disciplinary	Art Integration or Sports Integration
Topic: The Little Plant (Poem) No. of Periods:3 Sub Topic: Punctuation Month: April	Students will be able to develop collaborative skills of reciting poem by doing actions. * Identify rhyming words. * Use Punctuation marks (., ?, !)	*Notebook * Project	* Explanatory method * Demonstrative Method *Inductive Method Group activity: Reciting poem with action	*Rubric for project (Plant Life Cycles)	*Creative thinking skill *Communicative skill *Reading skill * Performing skill *Subject Involved: EVS	*Visual 2D (Make life cycle of plant with finger print)
Topic: L-2 My Pet(poem) subtopic: Oneand Many No. of Periods:4 Month: April	Students will be able to identify pet animal & wild animal. *Construct new words from the given alphabet. * Create awareness about pet care.	*Notebook	* Explanatory method Activity: Paragraph Writing.	* Notebook	*Creative thinking *Imaginative skill * Subjects involved: EVS	*3D model of puppy with Origami
Topic: L-1Mew & Chew No. of Periods:4 Sub Topic: Gr. Nouns Month: April	Students will be able to develop collaborative skill through role play. *Give examples *Manage problem *Identify naming words.	*Rubric * Notebook	* Reading and Explanatory method * Interactive method * Play way method Activity: Group activity – role play (game : Name, Place, Animal)	* Notebook *Rubric for role play	*Creative thinking * Speaking skill *Creative skill * Performing skill Decision making skill *Subject involved: EVS, Maths	*3-D–Model of Wheat flower with ear buds.
Topic: L-3 My Trees Have No Leaves. Sub-topics: Grammar- Adjectives No. of Periods:5 Month: June	*Enable the students to identify parts of plants, its uses and its function. *Describe texture, colour, size and shape of leaves. *Make presentation (sticking leaves on a page) * Discuss / Distinguish about different trees in and around. {Experiential learning}	*Notebook *Quiz	* Explanatory Method *Experiential Method * Demonstrative Method * Interactive Method * Activity –Sticking different types of leaves on a page. * Field trip – observes all types of trees and answers the questions. * Making of different types of animals and insects.	* Notebook *Rubric for quiz	*Recognizing skill * Creative skill *Thinking skill *Speaking skill *Analytical skill *Subject involved: -EVS	2-D *Making greeting card with peepal leaves– BODHI VRIKSH_BIHAR STATE

Topic: L-4 Wild Wolf and Pet Dog. Subtopics- Pronouns. No. of Periods:7 Month: July	*Students will be able to comprehend the story and answer the questions. *Enact the character of the story. *learn, how to be kind to animals and to love their Environment.	*Notebook *Check list	* Explanatory method *Interactive method *Collaborative method * Play way method Activity: Dumb charades (Group activity)	* Sample of check list	*Interpersonal skill Thinking skill Recognizing skill Performing skill Reading skill *Subject involved: Maths	*Visual 3D Make a book mark with wolf face.
Topic: L-5 Safety first (Poem) Sub Topics: Prepositions No. of Periods: 7 Month: July	*The students will be able to: *Recognize different colours. *Analyse and identify the use of colours on a traffic signal. *Know safety measures on the road. *Identify traffic signals * Identify rhyming words.	*Portfolio presentation *Notebook	*Explanatory method * Demonstrative method *Interactive method Activity: Role Play	*Rubric for the model presentation. * Notebook	* Decision making skill * Self-awareness skill * Self-confidence skill *	Visual – 2D Traffic Light (collage)
Topic: L-6 When Birbal First met Akbar Sub Topics: Grammar: Past Tense. No. of Periods: 6 Month: August	Enable the students to *summarize the story. *Read the story with correct punctuation and pronunciation. *Memorize the pictures given in the lesson.	*Check list	*Explanatory method * Demonstrative method * Interactive method Activity: Reading	*Sample for check list	*Reading skill * Writing skill * Thinking skill Subjects involved: Maths	Visuals 2D Draw and colour the Turban
Topic: L.7- Giggles the Litterbug Sub Topics: Unscramble Words. No. of Periods: 4 Month: August	The students will be able to: *Develop the communicative skill. *Read and comprehend the story. *Develop awareness about cleanliness.	Peer Assessment	*Explanatory method. *Collaborative method. *Experiential learning. *Inquiry method.	Sample of peer assessment.	Communicative skill. Creative skill. Self-awareness. Problem solving. Leadership skill. Subject involved: EVS	2D Draw and colour a park scene.

TERM II

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: L-1 The Give and Take of Life. Sub-topics: Opposite No. of Periods:4 Month: October	Students will be able: *to get familiarized with double letter words. *Create a story using the clue box. *Suggest ways to resolve environmental challenges. *Know how to frame question/sentences. *Build new vocabulary.	*Notebook *Check list *Reflective inquiry	* Explanatory method * Demonstrative method *Play way method *Interactive method Activity: (Finding Partner)	* Notebook * Checklist sample *Reflective Questions (Hots)	*Analytical skills *Self-awareness skill * Creative skill *Subject involved: - EVS	Performing Art. Indigenous sport (Nadhi/Pahad)
Topic: L.2Ratna's Bangle. subtopic: Agreement of Verb No. of Periods:5 Month: October	Students will be able to Listen and comprehend the story. *Identify different colours. * Differentiate the article that people use. *Know the movements of different animals.	*Notebook *Role Play	* Explanatory method *Demonstrative method * Audio Linguistic method * Play way method * Activities- (role play) (group activity)	* Rubric for role play	*Leadership skill *Understanding skill *Identification skill *Reading skill *Listening skill	*Making Pen stand with Bangles.

Topic: Festivals (Poem) Sub-topics: Writing Skill: Composition. No. of Periods:7 Month: October	Students will be able to *Know different festivals and its importance. *Differentiate between National, Cultural, Religious and Harvest festivals that are celebrated in India. * Develop Collaborative skill	*Notebook Concept Map Project	* Explanatory method *Reflective method Experiential Learning Activity: (group activity related to festivals)	* Notebook *Sample of concept map *Rubric for Project *Reflective sheet (Value based Questions)	*Emotional skill *Social awareness skill *Presenting skill *Understanding skill *Speaking skill *Thinking skill *Collaborative skill Subjects involve; EVS and Math	*Making Symbols of different Festivals. Rangoli, Kite, Flag, Boat, Culinary Art. (Decoration of sweets)
Topic: L.4 The Czar's Secret Sub-topics: Homophones No. of Periods:4 Month: October	Students will be able *to read the lesson with proper speed and pronunciation. *Paraphrase the story in their own words. *Create sentences with set of homophones. *Speak about good and bad actions. *Decode a secret message.	*Notebook	* Explanatory method * Play way method *Reading Activity: (Group game)	* Note book	*Reading skill *Writing skill *Speaking skill	Audio linguistic: Maithili Language of State of Bihar (Drill few sentences in Maithili Language)
Topic: My Woobly Tooth(Poem) Sub-topics: Adverb- ly / ily No. of Periods:5 Month: November	Enable the students to * Read the poem with correct rhythms. *Identify the rhyming words *Drill new vocabularies	*Notebook *Check list	* Explanatory method * Experiential *Interactive method Activity: (getting information about their own tooth)	* Note book * Sample of check list	*Reading skill *Performing skill Speaking skill Writing skill *Subject involved:- EVS	Visual 3D Placard of teeth.
Topic: Spot our Hero	Students will be able * to Learn new words and its meaning	*Notebook * Portfolio	*Explanatory method *Play way method *Experiential Learning Story telling method	* Rubric for portfolio	* Emotional skill *Performing skill * Collaborative skill *Critical thinking skill	Performing Art.

Sub-topics: Community Helpers. No. of Periods:4 Month: November	*Know about community helpers. (role of fire fighters) *Identify safe and unsafe objects to play with.		Activity (children are asked to dress up like different professionals)		*Communicative skill Subject involved; EVS,	
Topic: L-5 The Clever Rabbit Sub Topics: Comparison- er No. of Periods: 5 Month: November	The students will be able to *Grasp the story *Enhance problem solving skill *Boost memory level *Enhance dialogue delivery skill	*Check list *Note book	*Explanatory method *Interactive method *Play way method Experiential Method Activity: Memory Game	*Sample for check List	*Reading skill *Speaking skill *Thinking skill *Writing skill	*Making Ears of Rabbit.
Topic: L-7 Blow your Trumpet Sub-topics: Conjunctions No. of Periods: 5 Month: December	Students will be able to *Comprehend the story with fluency and efficiency. *Create words using sound blend *Narrate the story *Read with correct pronunciation	*Notebook *Peer assessment	* Explanation method * Interactive and *Demonstrative method Activity: Make a web on the board.	* Rubric for notebook *Peer assessment sheet	*Creative thinking skill *Speaking *Listening *Collaborative skill Subject Involved: Math and EVS	* 3D (Spider)
Topic: The Tale of Twelve Months. subtopics: Rhyming words. No. of Period: 5 Month:December	Students will be able to: *Identify different seasons. *Recite poem with intonation and expression. *Identify rhyming words.	Jingle	*Explanatory method. *Interactive method. *Demonstrative method. *Play way method. Activity: Find your favourite month	Peer Assessment	*Identify skill *Communicative skill. *Reading skill. *Performing skill. Subject involved: Hindi, EVS	Performing Art. 2D National Symbols

Subject: MATHEMATICS

TERM 1

Topic : No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
<p>TERM- 1</p> <p>Topic: CHAPTER-1 NUMBERS AND NUMERATION</p> <p>Sub-topics: 1)Numerals with number names till 1000 2)Place –value on Abacus 3)Expanded form 4)Compare 2- & 3-digit numbers 5)Ascending/ Descending order 6) Forming greatest & smallest 3-digit numbers 7)Odd & even numbers No. of Periods: 18 Month: APRIL</p>	<p>Students will be able to:</p> <p>*Read and write numbers up to thousand</p> <p>*Identify and write the place value of numbers on abacus.</p> <p>*Build 3-digit numbers in expanded form</p> <p>*Compare and arrange numbers in ascending & descending order</p> <p>*Form the greatest & smallest numbers using 2 & 3 digit numbers.</p> <p>*recognize and differentiate Odd and even numbers.</p>	<p>*Note-book</p> <p>*Peer-assessment</p> <p>*Extra-questions</p>	<p>Approach:</p> <p>*Explanatory method</p> <p>*Inductive-Deductive method</p> <p>*Play-way method</p> <p>Activity:</p> <p>*Tambola</p> <p>*Number-line jump</p> <p>*Place-value game</p> <p>*Forming greater /smaller numbers with UNO card.</p>	<p>*Rubrics for note-book</p> <p>*Peer- assessment sheet</p> <p>*Rubrics for extra questions</p>	<p>Life skills:</p> <p>*Memorizing skill</p> <p>*Logical thinking skill</p> <p>*Calculating skill</p> <p>*Communications skill</p> <p>Subject: English & EVS</p>	<p>*Make a bookmark of numerals (1 to 5) with number names in Maithili language (BIHAR)with art.</p>

<p>Topic :</p> <p>CHAPTER -4 SHAPES AND PATTERNS</p> <p>No. of Periods :12</p> <p>When: JUNE</p>	<p>Students will be able to</p> <p>*distinguish between a curved and a straight line</p> <p>*Identify sleeping, standing & slanting line</p> <p>*categorize 2D & 3D Shapes with their attributes.</p> <p>*Observe and complete the simple patterns.</p>	<p>*Note-book</p> <p>*Peer-assessment</p> <p>*Check-list</p> <p>*Project</p>	<p>Approach</p> <p>*Explanatory method</p> <p>*Inductive- Deductive method</p> <p>*Collaborative assessment</p> <p>*Problem solving</p> <p>*Experiential learning</p> <p>Activities-</p> <p>*Thread activity</p> <p>*Make a kite using different types of lines</p> <p>*Make a house with different types of shapes</p> <p>*Decorate a plate of salad with plane shapes</p> <p>*Puzzle</p> <p>*Treasure hunt</p> <p>*Vegetable block print</p>	<p>*Rubrics for notebook</p> <p>*Peer assessment sheet.</p> <p>*Sample of checklist</p> <p>*Rubrics for Project</p>	<p>*Memorizing Skill</p> <p>*Communication Skill</p> <p>*Comparing Skill</p> <p>*Creative Skill</p> <p>Subject Involved: English</p>	<p>*Culinary Art-</p> <p>*Salad decoration</p> <p>*Visual- *Make a kite using different types of lines.</p> <p>*Make a house using plane shapes.</p>
<p>Topic:</p> <p>CHAPTER-2 ADDITION</p> <p>Sub Topics –</p> <p>*Properties of Addition.</p> <p>*Addition of 2&3 digit numbers.</p> <p>*Word Problems.</p> <p>No. of Periods-12</p> <p>Month: JULY</p>	<p>Students will be able to:</p> <p>*Apply the properties of Addition</p> <p>*Add 2 & 3 digit numbers with and without regrouping</p> <p>*Find the sum of numbers with 3 addends</p> <p>*Solve word problems involving addition relating to real life situations.</p>	<p>*Notebook</p> <p>*Check list</p> <p>*Reflection sheet</p>	<p>Approach:</p> <p>*Explanatory Method</p> <p>*Inductive –Deductive method</p> <p>*Play way method</p> <p>*Reflective inquiry based</p> <p>*Problem solving.</p> <p>Activity:</p> <p>*Ludo</p> <p>*Addition Machine using hanger & cloth pins.</p>	<p>*Rubrics for notebooks</p> <p>*Sample of checklist</p>	<p>Life Skills</p> <p>*Communicative Skill</p> <p>*Calculating Skill</p> <p>*Critical Thinking</p> <p>Subject Involved: English</p>	<p>*Ludo Board Game</p>

<p>sTopic: CHAPTER 3 SUBTRACTION Sub Topics : *Properties of Subtraction *Subtraction of 2 & 3 digit numbers with and without regrouping *Showing relation between addition and subtraction *Solve statement sums involving subtraction No. of Periods: 12 Month: JULY</p>	<p>Students will be able to: * apply the properties of subtraction *Subtract 2 & 3 digit numbers with and without regrouping *show the relation between addition and subtraction *solve statement sums.</p>	<p>*Notebook * Reflection sheet *Peer assessment</p>	<p>Approach: *Explanatory method *Inductive-deductive method *Play way method *Reflective-inquiry *Problem solving method Activity: *Snakes and ladders board game *Bowling game</p>	<p>*Rubrics for notebook *Peer assessment sheet</p>	<p>*Communicating skill *Calculating skill *Critical thinking Subject Involved: English</p>	<p>*Snakes and ladders board game * Bowling game</p>
<p>Topic: Chapter- 5 Time and Calendar No. of Periods: 12 Month: August</p>	<p>Students will be able to: *read and write time from a clock *list the days of the week and months of the year with the help of calendar *Identify some special days</p>	<p>*Note book *Peer assessment *Concept map *Project work</p>	<p>Approach: *Explanatory method *Collaborative method *Inductive-Deductive method Activity: *Making of concept map *Paper plate clock *Week wheel</p>	<p>*Rubrics for notebook *Peer assessment sheet *Sample of concept map *Rubrics for project</p>	<p>*Communicating skill *Creative thinking *Critical thinking Subject Involved: English and EVS</p>	<p>3 D – Model of week wheel</p>

Topic: Chapter-6 MONEY Sub-topics- *Indian currency notes and coins *Read and write money *Addition and Subtraction of Money *Word problems NO.OF PERIODS: 8 Month: AUGUST	Students will be able to: *recognize Indian currency notes and coins * convert rupees into paisa and vice-versa *Read and write money *add and subtract money *Solve word problems *importance of money to buy things	*Note-book *Peer assessment	Approach: *Explanatory method *Inductive –Deductive method *Collaborative method *Role Play method Activity: *Trace different types of coins to make a caterpillars *Invoice (bills) making	*Rubrics for notebook *Peer assessment sheet	*Communicating skill *Interactive skill *Ethical skill Subject involved- English and EVS	*Performing art- *Role -play

TERM-2

Topic: Chapter-3 FRACTIONS No. of Periods: 6 Month: October	Students will be able to: *Comprehend that fractions are part of a whole *Identify half, one-third, one-fourth from a list of fractions and name it. *Shade the given fractions.	*Project *Note book *Concept map	Approach: *Explanatory method *Inductive-deductive method *Critical thinking *Creative thinking *Problem solving Activity: *Origami *Make a fraction house	*Rubrics for Project *Sample of concept map *Rubrics of note book	*Communication method *Logical thinking *Creative thinking Subject involved- English and Evs	*3D-Fraction house with Madhubani art (Bihar) on the wall of the house
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<p>Topic Chapter-1 Multiplication No. of Sub-topics *Multiplication tables *Properties of multiplication *Multiplication of 2 & 3-digit numbers with and without regrouping *word- problem No. Of periods-12 Month: October</p>	<p>Students will be able to: *recite the multiplication tables from 2 to 10 *apply properties of multiplication *multiply 2 & 3 digit numbers by a single digit with and without regrouping *solve word problem involving multiplication relating daily life situation.</p>	<p>*Note book * Peer assessment</p>	<p>Approach: *Explanatory method *Inductive –deductive method *Problem solving method *Play-way Activity: *Pop game *Find your partner</p>	<p>*Rubrics for note book *Peer assessment sheet</p>	<p>* Memorizing skill *Logical thinking skill *Calculating skill *Communication skill *Creative skill Subject involved- English and Evs</p>	<p>*3D –Make a table tree wall hanging</p>
<p>Topic: Chapter-3 Division Subtopics- *Repeated subtraction *relation between multiplication and division *properties of division *terms used in division *divide 2-digit number by 1-digit number with and without remainder No. of periods- 12 Month: November</p>	<p>Students will be able to: *Comprehend that division is repeated subtraction *Establish the relationship between multiplication and division *Recognize the terms used in division *Divide 2 digit numbers by 1-digit number with and without remainder *solve word problem in their daily life situation</p>	<p>*Notebook *Peer assessment</p>	<p>Approach: *Explanatory method *Inductive and deductive method *Collaborative method * Problem solving Activity: Divide biscuits/pencils among children to show equal sharing</p>	<p>*Rubrics for notebook *Peer assessment sheet</p>	<p>*Memorizing skill *Communicating skill *Collaborative skill *Critical thinking skill *Logical thinking Subject involved- English and EVS</p>	<p>Bingo game</p>

<p>Topic: Chapter-4 Measurements</p> <p>Subtopics-</p> <p>*Measurement of length</p> <p>*Measurement of weight</p> <p>*Measurement of capacity</p> <p>NO. OF Periods: 12</p> <p>Month: December</p>	<p>Students will be able to:</p> <p>*measure non– standard and standard unit of length</p> <p>*convert m into cm</p> <p>*Add and Subtract sums based on length</p> <p>*nonstandard and standard unit of weight</p> <p>*Compare and identify weight of two objects</p> <p>*Estimate the capacity of container using non-standard and standard unit.</p>	<p>*Peer assessment</p> <p>*Checklist</p> <p>*Note book</p>	<p>Approach: Explanatory method</p> <p>*Inductive-deductive method</p> <p>*Experiential learning</p> <p>*Play way method</p> <p>Activity:</p> <p>*Puzzle</p> <p>* Wt. of different objects with weighing machine</p> <p>*Run and fill the bucket</p> <p>*long jump</p> <p>*Flying paper Aeroplane</p>	<p>*Rubric for notebook</p> <p>*Peer assessment sheet</p> <p>*Sample of checklist</p>	<p>* Communicative skill</p> <p>*Collaborative skill</p> <p>*Creative skill</p> <p>*Logical thinking</p> <p>Subject involved- English and Evs</p>	<p>*3D- Model of weighing machine using waste products.</p>
<p>topic: Chapter-5 Data –Handling</p> <p>No. of periods – 8</p> <p>Month: January</p>	<p>Students will be able to:</p> <p>*Read and interpret data</p> <p>*collect data and represent the information in the form of a table</p> <p>*to answer the questions about data shown on the pictograph</p>	<p>*Peer assessment</p>	<p>Approach:</p> <p>*Explanatory method</p> <p>*Inductive-deductive method</p> <p>* Play way method</p> <p>Activity:</p> <p>*Memory test</p> <p>* Count and write different types of shapes.</p>	<p>* Peer assessment sheet</p>	<p>*Memorizing skill</p> <p>*Logical thinking</p> <p>*Calculating skill</p> <p>* Critical thinking</p> <p>Subject involved- English and Evs</p>	<p>Visual -*Cut and paste different types of fruits.</p>

TERM 1**Subject :ENVIRONMENTAL STUDIES**

Topic : No. of Periods : When :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration Or Sports Integration
Topic : Ch-2 Human Body- Bones and Muscles Sub-topics : *Bones and Muscles *Posture *Taking care of body No. of Periods : 6 Month : April	Students will be able to : *Identify different parts of body *Know functions of bones & muscles *Demonstrate correct posture	*Notebook *Peer Assessment Sheet *Checklist	*Interactive method *Collaborative method *Explanatory method *Reflective inquiry- based method Activities and Strategies *Light Exercises (Running) *Presenting correct posture	* Notebook *Peer Assessment sheet *Sample of checklist	*Critical thinking skill *Collaborative skill *Empathy *Subject involved: English, Math& GK	*Sports Light exercises (Running, Jumping)
Topic: Ch-3 Food for Health Sub-topics: * Different kinds of food *Food in a day *Junk Food *Healthy eating habits No. of Periods :6 Month : April	Students will be able to: *Classify different types of food *Assess themselves and peers eating habits	*Notebook *Peer Assessment sheet *Checklist	*Explanatory method *Collaborative method *Reflective inquiry based method *Experiential Learning Activities and Strategies *Action song- Eat Healthy *Make list of junk food *Preparing vegetable salad *Mystery taste test	*Notebook *Peer Assessment sheet *Sample of Checklist	*Critical thinking skill *Creative thinking skill *Communicative skill * Subject involved: English, Maths & GK	*Culinary Vegetable Salad *2D Visual Draw and colour *2 Body-building food *2 Protective food
Topic: Ch-4 The Clothes We Wear Sub-topics: Clothes and Seasons	Students will be able to: *Identify the Clothes worn in different seasons *Know the source of fibres	*Notebook *Checklist *Portfolio	*Interactive method *Demonstrative method *Explanatory method *Collaborative method Activities and Strategies *Role Play	*Notebook *Rubric for portfolio *Sample of checklist	*Critical thinking skill *Creative thinking skill *Communicative skill *Subject involved:English ,Maths&GK	*Performing Art Roly Play(Special Clothes) *Visual

*Where do our clothes come from ? *Different People, Different Clothes *Special Clothes No. of Periods:6 Month: June			*Presenting *Sheep Popsicle stick puppet			*Draw cotton plant and paste cotton on it *Draw sheep & paste wool on it
Topic: Ch-5 Houses Sub-topics: *Materials used to make houses *Types of houses *Taking care of a house No. of Periods: 6 Month: July	Students will be able to : *Identify different types of houses *Know the materials used to make a houses *Differentiate Pucca houses & Kutcha houses	*Notebook *Checklist *Rubric for project	*Interactive method *Demonstrative method *Collaborative method *Explanatory method *Reflective inquiry based method Activities and Strategies *Make an Igloo using cotton	*Rubric for project *Notebook *Sample of checklist	*Critical thinking skill *Creative thinking skill *Communicative skill *Subject involved: English & Maths	*Visual Draw and colour a house with Madhubani art (Bihar)on the wall of the house *3D Visual Make an Igloo using cotton
Topic:Ch-6 Places in our Neighbourhood Sub-topic: Places in the Neighbourhood No. of Periods;6 Month: July	Students will be able to: *Give examples of neighbourhood services *Discuss about neighbourhood services	* Rubric for project *Notebook *Checklist	*Interactive method *Demonstrative method *Collaborative method *Explanatory method Activities and Strategies *Puzzle *Making checklist	*Rubric for project *Sample of checklist *Notebook	*Empathy *Interpersonal skill *Communicative skill *Subject involved: English & GK	*Visual Paste pictures of Neighbourhood services
Topic:Ch-7 Places of Worship Sub-topic: Other places of worship No. of Periods:6 Month: July	Students will be able to Recognize different places of worship *Describe about places of worship	*Notebook *Checklist *Portfolio	*Interactive Method *Demonstrative method *Explanatory method Activities and Strategies *Role Play *Memory test	*Notebook *Sample of Checklist *Samole of Portfolio	*Critical thinking skill *Empathy *Interpersonal skill *Subject involved: English & GK	*Visual 2D Draw and colour Places of Worship

Topic:Ch-8 Transport and Communication Sub-topics: No. of Periods:6 Month: August	Students will be able to *Identify various means of transport *Differentiate types of transport *Know and name different means of communication	*Notebook *Checklist *Rubric for project	*Interactive method *Demonstrative method *Explanatory method *Collaborative method Activities and Strategies *Make a paper Aeroplane *Memory test	*Sample of checklist *Notebook *Rubric for project	*Critical thinking skill *Creative thinking skill *Communicative skill *Subject involved: English &GK	*Visual 2D Draw and colour Water transport *3D model of Aeroplane using clothes peg and ice-cream sticks
Topic:Ch-10 Festivals Sub-topics: *Religious festivals *Harvest festivals *National festivals *Special Day Celebrations No. of Periods: 6 Month: August	Students will be able to *List out types of festivals Distinguish between Religious festival, harvest festivals& National festivals *Memorize special day celebrations	*Notebook *Rubric for project *Peer Assessment sheet	*Reflective inquiry based method *Interactive method *Demonstration method *Collaborative method *Explanatory method Activities and Strategies *Memory test *Make a Diya using Atta(Wheat flour)	*Notebook *Rubric for project *Peer Assessment Sheet	*Communicative skill *Creative thinking skill *Critical thinking skill *Subject involved: English, Maths , GK & Art	*Visual 3D Design Rakhi using pulses * Visual Paste picture of Chhat Puja(Bihar)

Term II

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration Or Sports Integration
Topic:Ch-1 Our Earth Sub-topics: *Landforms *Water bodies *Save Earth No. of Periods:6 Month: October	Students will be able to: *Differentiate various landforms *Recognize the names of different water bodies	*Notebook *Concept map *Peer Assessment sheet	*Explanatory method *Interactive method *Reflective inquiry based method Activities and Strategies *Puzzle *Making of concept map	*Sample of checklist *Notebook *Peer Assessment sheet	*Empathy *Environmental skill *Critical thinking skill *Subject involved: English , maths&GK	*2D Visual Draw and Colour Two Landforms
Topic:Ch-7 Our Environment Sub-topic:	Students will be able to: *Define environment	*Peer Assessment sheet	*Interactive method *Demonstrative method	*Peer Assessment sheet *Notebook *Rubric for project	*Critical thinking skill *Empathy *Subject involved:	*Visual 3D Make a paper bag

*Natural things *Man-made things No. of Periods:6 Month: October	*Classify natural and man-made things	*Notebook *Rubric for project	*Reflective inquiry based method *Experiential Learning Activities and Strategies *Memory test *Make a paper bag		English , Art &GK	
Topic:Ch-2 Weather and Seasons Sub-topics: *Weather *Seasons No. of Periods:6 Month: November	Students will be able to *Differentiate weather and seasons *Identify the current season	*Notebook *Checklist *Rubric for project	*Explanatory method *Interactive method *Reflective inquiry based method *Demonstrative method Activities and Strategies *Fruit & Vegetable ice-cream popsicle stick craft	*Rubric for project *Notebook *Sample of checklist	*Communicative skill *Creative thinking skill *Critical thinking *Subject involved: English , Maths & GK	*3D visual Model of Umbrella *2D Visual Draw and colour your favourite season
Topic:Ch-3 Plants Around Us Sub-topics: *Types of Plants *Life of plants *Parts of a plant No. of Periods :6 Month: November Topic:Ch-4 Plants Are Useful Sub-topics: *Food *Other useful things from plants *Taking care of plants No. of Periods:6	Students will be able to: *Classify different types of plants *Draw flow chart *Recognize different parts of a plants *Know uses of plants *List the things we get from plants	*Rubric for project *Notebook *Concept map(flow Chart) *Peer Assessment sheet	*Interactive method *Explanatory method *Collaborative method Activities and Strategies *Puzzle *Make a tree paper collage	*Sample of concept map *Notebook *Peer Assessment sheet	*Empathy *Collaborative skill *Critical thinking skill *Subject involved: English, Art & GK	* 2D Visual Tree paper collage *Culinary Sattu drink (Bihar)

Month: November						
Topic: Ch-5 Domestic Animals Sub-topics: * Other useful things *Work Animals*Taking care of Animals No. of Periods:6 Month: December Topic: Ch-6 Wild Animals Sub-topics: * Where do they live? *What do wild animals eat? No. of Periods: 6 Month: December	Students will be able to: *Differentiate about domestic animals & wild animals *Know other useful things which we get from animals *List out homes of animals	*Rubric for project *Notebook *Checklist	*Interactive method *Demonstrative method *Explanatory method Activities and Strategies *Puzzle *Make a nest using twigs	*Rubric for Project *Notebook	*Empathy *Creative thinking skill *Creative thinking skill *Subject involved: English & GK	*3D Mask of Gaur (State animal of Bihar) *Visual 2D Thumb impression to make animals
Topic: Ch-8 Pollution Sub-topics: *Types of Pollution *Ways to reduce Pollution No. of Periods:8 Month: January	Students will be able to: *Explain types of pollution *List ways to reduce pollution	*Peer Assessment Sheet	*Reflective inquiry based method *Explanatory method *Demonstrative method Activities and Strategies *Make a dustbin using waste box	*Peer Assessment Sheet	*Communicative skill *Critical thinking skill *Empathy *Subject involved; English , Art & GK	*2D Visual Draw and colour types of pollution

सेंटपॉलको - एडस्कूलआनंदनगरभोपाल
वार्षिकपाठ्यचर्याएवंशैक्षणिकयोजना 2024-25

कक्षा - दूसरी

विषय . हिंदी

TERM I

षय): कालखंडकीसंख्या कब	सीखनेकेपरिणाम	मूल्यांकनउपकरण	शिक्षकसीखनेकीरणनी तियाँएवंगतिविधियाँ	संसाधन	अंतरअनुशासनात्मक /बहुअनुशासनात्मक	कलाएकीकरण खेलएकीकरण
विषय- पाठ -1 सुप्रभात कालखंडकीसंख्या - मास- अप्रैल	विकसितकरनेकीरणनीति *लयकेसाथकवितावाचनकरस केंगे। *छात्रपरिश्रमीआत्मविश्वासीब नसकेंगे। *प्रकृतिसेस्वयंकामूल्यांकनकर सकेंगे।	रुब्रिक (चित्रकेआधारपर) *रंगसमायोजन *स्वच्छता *निर्देश *पहचान *क्रमानुसार पुस्तिका	रणनीतियाँ *श्रव्यभाषायी *व्याख्या *सहयोगात्मक *चिंतनआधारित गतिविधियां- प्रस्तुतीकरण- कविताकोकंठस्थकरक क्षामेंसुनासकेंगे।	परियोजना के लिए रुब्रिकबनाएंगे। पुस्तिका के लिए जांच सूची कानमूना बनाएंगे।	कौशल- *रचनात्मकविकास *कल्पनाशीलताकाविकास विषय- गणित-आकृति	पड़ोसी राज्य- मधुबनी कला सेसूरजकाचित्रबनाकररंग भरेंगे।
विषय- पाठ -2 ऊंटकीपरछाई(पाठ-पठन) कालखंडकीसंख्या - मास- जून	विद्यार्थी सीख पाएंगे - *सहीउच्चारणकरसकेंगे। *पालतूजानवरोंसेपरिचितहोस केंगे। *अपनीपरछाईकामूल्यांकनकर सकेंगे। *खेलमेंसहभागितासेभागलेंसकें गे। *श्रुतलेखनकेमाध्यमसेध्यानकें द्रितकरसकेंगे।	रुब्रिक (श्रुतलेखकेआधारपर) - *लेखन *स्मृति *श्रवण *भाषा *शुद्धता पुस्तिका	रणनीतियाँ *व्याख्या *सहयोगात्मक *गहनसोच*अनुभाव नात्मक गतिविधियां- शून्यछायादिवसमनाएं गे। *प्रस्तुतीकरण *खोज *समस्यासमाधान	परियोजना के लिए रुब्रिक बनाएंगे। पुस्तिका के लिए जांच सूची का नमूना बनाएंगे।	कौशल *गहनचिंतन *रचनात्मकविकास *कल्पनाशक्तिकाविकास विषय- विज्ञान	कलाएकीकरण रंगीनकागज़कीसहायतासे ऊंटकाचित्र बनाकरचिपकाएंगे।

विषय- पाठ -3 ईमानदारलकड़हारा कालखंडकीसंख्या - मास- जुलाई	विद्यार्थी सीख पाएंगे *छात्रईमानदारबनसकेंगे। *प्रकृतिकोमहत्वदेसकेंगे। *बुद्धिविवेककाप्रयोगकरसकेंगे। *चित्रमेंकलाएकीकरणकाविकासकरसकेंगे।	परियोजनाकेलिए रुब्रिक(सुलेख के आधार पर)- *लेखन *समायोजन *श्रवण *सहीसंरचना पुस्तिका	रणनीतियाँ *व्याख्या *अनुभवआधारितज्ञान *अवलोकन *पठन गतिविधियां- कुल्हाड़ीकाचित्रबनाकर रंगभरेंगे। *प्रस्तुतीकरण- *खोज *समस्यासमाधान	परियोजना के लिए रुब्रिकबनाएंगे। पुस्तिका के लिए जांच सूची का नमूना बनाएंगे।	कौशल. *रचनात्मक *तर्कपूर्ण *चिंतन *सहयोग विषय . प्रदर्शनकला	प्रदर्शनकरनेकीकला- रोलप्लेनाटक
विषय -पाठ-4 इतना- साहीहैसंसार कालखंडकीसंख्या - मास- जुलाई	विद्यार्थी सीख पाएंगे *कविता वाचन में सहभागी हो पाएंगे। *जीवनकौशलकेमाध्यमसेबच्चे रचनात्मकऔरसंज्ञानात्मकशि क्षाकाविकासकरसकेंगे।*नैतिक ताकाविकासकरसकेंगे।	पुस्तकपरियोजनाके लिएरुब्रिक रिक्तस्थानकेआधारप र- *लेखन *समझ *संशोधनक्षमता *समयप्रबंधन पुस्तिका	रणनीतियाँ *व्याख्या*अवलोकन *पठन गतिविधियां- रंगीनकागज़कीसहाय तासेचिड़ियाबनासकेंगे। *प्रस्तुतीकरण *खोज *सहयोग	परियोजनाकेलिएरु ब्रिकबनाएंगे। पुस्तिका के लिए जांच सूची का नमूना बनाएंगे।	कौशल. *तर्कपूर्णचिंतन *सहयोग *संशोधनक्षमता *सृजनात्मकता विषय-कला	कलाएकीकरण- रंगीनकागज़कीसहायतासे चिड़ियाकाकोलॉजबनाएंगे।

विषय - पाठ - 5 रेलगाड़ी (पाठ-पठन) कालखंडकीसंख्या - मास-अगस्त	विद्यार्थी सीख पाएंगे- *पाठ- वाचनकेमाध्यमसेसहयोगात्मक कौशलसीखसकेंगे। *मात्राकाविश्लेषणकरसकेंगे। *शब्दलिखसकेंगे।*रचनात्मक एवं सामान्य ज्ञानकीसमझकाविकासलेंगे ।	परियोजनाकेलिए रुब्रिक— श्रुतलेखकेआधारपर- *लेखनकौशल *साध्यस्मृति *श्रवणकौशल *समयप्रबंधन पुस्तिका	रणनीतियाँ *व्याख्या *अनुभवात्मक*चिंत नआधारित*गहनसोच गतिविधियाँ- - मधुबनीपेंटिंगसेसजीसं पर्कक्रांतिएक्सप्रेसरेल काचित्रकक्षाकाँपीमेंचि पकाएंगे। *प्रस्तुतीकरण *सहपाठीआकलन *समस्यासुलझाना	परियोजनाकेलिएरू ब्रिक बनाएंगे। पुस्तिका के लिए जांच सूची का नमूना बनाएंगे।	कौशल . *वाचन *स्मृतिएवंसंज्ञान*अवलोकन *सहयोग विषय-सामाजिकविज्ञान	पड़ोसीराज्य- मधुबनी पेंटिंग से सजी संपर्क क्रांति एक्सप्रेस रेल का चित्र कक्षा काँपी में चिपकाएंगे।
TERM -II विषय -पाठ - 6 शरास्तीविहान (पाठ-पठन) कालखंडकीसंख्या - मास-अक्टूबर	विद्यार्थी सीख पाएंगे- *पाठकेमाध्यमसेनैतिकशिक्षाग्र हणकरनेकीक्षमताकोसमझसकें गे। *आत्मबल,विश्वासएवंजिज्ञासा काभावसकेंगे। *छात्रमददकेभावसीखसकेंगे।	परियोजना के लिए रुब्रिक(पाठ-पठन केआधार पर)- *उच्चारण *भाषा शैली *लय *अभिव्यक्तिकौशल पुस्तिका	रणनीतियाँ *व्याख्या *सहयोगात्मक*व्यव हार *अनुभवात्मक*चिंत न,तार्किक, स्मृति गतिविधियाँ- फलोंकाचार्टबनाएंगे। *शोधकार्य *खोजकार्य	परियोजनाकेलिएरू ब्रिकबनाएंगे। पुस्तिका के लिए जांच सूची का नमूना बनाएंगे।	कौशल— *रचनात्मकविकास *वैज्ञानिकमनोभाव *समस्यासमाधान विषय-पाककला	पाककला- घरमेंफलोंसेचार्टबनाकर फोटोखींचकरकक्षाकाँपीमें चिपकाइए।

विषय - पाठ - 7 बांसुरीवाला कालखंड की संख्या - मास- अक्टूबर	विद्यार्थी सीख पाएंगे 'वाद यंत्रों से परिचित हो सकेंगे। 'बिहार राज्य की संस्कृति का मूल्यांकन कर सकेंगे। 'स्वयं का आकलन कर सकेंगे। 'दृश्य को परखने की क्षमता का विकास कर सकेंगे।	परियोजना के लिए रुब्रिक-चित्र के आधार पर- 'स्वच्छता 'रंग 'आकृति 'संरचना संदेश 'निर्देश	रणनीतियाँ *व्याख्या *व्यवहार गतिविधियाँ-- बिहार राज्य के वाद्य यंत्रों के चित्र खोज कर चिपकाएंगे। *खोज *प्रस्तुतीकरण *समस्या समाधान *खोज	परियोजना के लिए रुब्रिक बनाएंगे।	कौशल – 'वाचन शैली 'लेखन शैली 'सामाजिक कौशल विषय.पर्यावरण अध्ययन	पड़ोसी राज्य. बिहार राज्य के लोक संगीत के वाद्य यंत्रों के चित्र चिपकाएंगे।
विषय - पाठ - 8 साइकिल की आत्मकथा कालखंड की संख्या - मास- नवंबर	विद्यार्थी सीख पाएंगे 'वाहन से परिचित हो सकेंगे। 'वाचन/श्रवण कौशल का सीख सकेंगे। 'पाठ का सस्वर वाचन कर सकेंगे। 'कल्पना शक्ति का विकास हो सकेगा। 'व्यवहारिक ज्ञान की समझ ले सकेंगे ।	पुस्तक परियोजना के लिए रुब्रिक— शब्द.अर्थ के आधार पर)- 'शब्द अर्थ की समझने की क्षमता 'संबंध बनाने की क्षमता 'स्वच्छता 'भाषा की समझ	रणनीतियाँ *व्याख्या *व्यवहार *सहयोग गतिविधियाँ- अपनी साइकिल की फोटो कक्षा कॉपी में चिपकाएंगे । *खोज *प्रस्तुतीकरण *समस्या समाधान	परियोजना के लिए रुब्रिक बनाएंगे।	कौशल . 'वाचन 'लेखन 'संज्ञान 'सामाजिक कौशल विषय.गणित	कला एकीकरण. अपनी साइकिल के साथ फोटो खींच कर कॉपी में चिपकाएंगे।
विषय - पाठ - 9 बादल(कविता) कालखंड की संख्या - मास- दिसंबर	विद्यार्थी सीख पाएंगे. 'प्रसन्नता/प्रकृति.प्रेम/ उत्साह जैसे जीवन मूल्यों से परिचित हो सकेंगे। 'कल्पना शक्ति का विकास कर सकेंगे। 'कविता का लययुक्त वाचन कर सकेंगे।	पुस्तिका 'लेखन 'स्वच्छता 'वर्ण आकृति	रणनीतियाँ *व्याख्या *पूछताछ *व्यावहारिक *सहयोगी भाषायी गतिविधियाँ-- मधुबनी मोर का चित्र बनाकर रंग भरिए। *प्रस्तुतीकरण *समक्ष मूल्यांकन	पुस्तिका के लिए जांच सूची नमूना बनाएंगे।	कौशल --. 'संवाद 'संज्ञान 'विश्लेषणात्मक विषय. चित्र.कला	पड़ोसी राज्य. मधुबनी मोर का चित्र बनाकर रंग भरिए।

विषय -पाठ-10 बोलने वाले खिलौने (पाठ- पठन) कालखंड की संख्या - मास- दिसंबर	विद्यार्थी सीख पाएंगे. 'पाठ का शुद्ध उच्चारण के कर सकेंगे। 'विद्यार्थी खिलौनों से परिचित हो सकेंगे। 'शक्ति का विकास कर सकेंगे। 'प्रतिभा का विकास करसकेंगे ।	परियोजना के लिए रुब्रिक— पठन के आधार पर- 'लेखन 'साध्यस्मृति 'श्रवण 'उच्चारण स्पष्टता पुस्तिका	रणनीतियाँ *व्याख्या *पूछताछ *व्यवहारिक गतिविधियां- किसी गरीब को यदि खिलौना दान देना है तो आप क्या दोगे? उसका चित्र बनाइए। *प्रस्तुतीकरण *खोज	परियोजना के लिए रुब्रिक बनाएंगे। पुस्तिका के लिए जांच सूची नमूना बनाएंगे।	कौशल . 'रचनात्मक सोच 'गहन चिंतन विषय . पर्यावरण विज्ञान	कला एकीकरण. अपने मनपसंद खिलौने का चित्र बनाकर रंग भरिए ।
विषय - पाठ - 11 सोन चिड़िया (पाठ - पठन) कालखंड की संख्या - मास-जनवरी	विद्यार्थी जान सकेंगे. 'विभिन्न चिड़ियों से परिचित हो सकेंगे। 'शाला भ्रमण के माध्यम से पक्षियों का मूल्यांकन कर सकेंगे।	पुस्तक परियोजना के लिए रुब्रिक— वाचन के आधार पर- 'उच्चारण 'भाषा शैली 'श्रवण पुस्तिका	रणनीतियाँ *आधारित जानकारी *सहयोगत्मक *अनुभवात्मक गतिविधियां-- शाला भ्रमण के समय जिन पक्षियों को देखा है उनके नाम लिखिए। *खोज *प्रस्तुतीकरण *समस्या सुलझाना	परियोजना के लिए रुब्रिक बनाएंगे। पुस्तिका के लिए जांच सूची नमूना बनाएंगे।	कौशल . 'वाचन शैली 'लेखन शैली विषय— गणित	कला एकीकरण- दो अंक से चिड़िया बनाकर रंग भरिए।

Class: 2

Subjects: Computer

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: CHAPTER-1 Computer –An Electronic Device Sub-topics: 1) Computer Vs Human 2) Working of a Computer No. of Periods: 6 Month: APRIL	Students will be able to: <ul style="list-style-type: none"> • Access themselves and peers. • Design Your Flow Chart on Working of a computer 	*Concept Map on IPO Cycle	Approach: ❖ Experiential ❖ Behavioral Activity: Making of Concept map	Sample of concept map	Life skills: *Memorizing skill *Logical thinking skill *Communications skill Subject: Science	Playing a Game in the class room : *The class is divided into two groups- Team Computer and Team Human. One after the other, each group will talk about a task that the other group cannot do. The group that mentions more number of tasks, wins the game.
Topic: CHAPTER-2 Role of Computers Sub-topics: 1) Role of Computer at various Places No. of Periods: 4 Month: October	Students will be able to: <ul style="list-style-type: none"> • Observed the uses of a computer and understood its uses. • Understood and communicated the uses of a computer in other subjects effectively. 	*Check list if a computer is used to perform the given task.	Approach: ❖ Reflective Inquiry based ❖ Experiential Activity: • Making checklist	*Sample of checklist	Life skills: *Memorizing skill *Logical thinking skill *Communications skill Subject: Science	• Prepare a chart on how computers are used at homes and schools.

Topic: CHAPTER-3 Input and Output Devices Sub-topics: 1)Parts of Computer 2) Classification of Parts of Computer No. of Periods: 6 Month: June-July	Students will be able to: <ul style="list-style-type: none"> Identify input and Output devices through observation Describe the functions of different parts of a computer. 	*Checklist To find out the different computer devices.	Approach: ❖ Audio-linguistic ❖ Experiential Activity: <ul style="list-style-type: none"> Making checklist 	*Sample of checklist	Life skills: *Memorizing skill *Logical thinking skill *Communications skill Subject : Science	Creating a chart & Paste pictures & write their names of input, output, and storage devices.
Topic: CHAPTER-4 Keyboard-Special Keys Sub-topics: 1) Different types of Keys and their usage while typing. No. of Periods: 6 Month: August	Students will be able to: <ul style="list-style-type: none"> Type a 4 lines about Myself in order to describe all the keys combination taught in the chapter. 	*Checklist To find out the different types of keys.	Approach: ❖ Audio-linguistic ❖ Demonstration ❖ Experiential Activity: Making checklist	* Sample of checklist	Life skills: *Memorizing skill *Logical thinking skill Subject : Science	<ul style="list-style-type: none"> Draw a keyboard on a chart paper and fill the following coolers in it: a) Red for Alphabet keys b)Green for Shift keys c) Blue for Numeric keys Write 5 Lines about 'Bihar'.
Topic: CHAPTER-5 Mouse – An Input Device Sub-topics: 1) Mouse pointer 2) Holding a Mouse 3) Actions using a Mouse No. of Periods: 6 Month: November	Students will be able to: <ul style="list-style-type: none"> Use the mouse to perform a drag and drop activity with proper demonstration in a formal learning classroom environment. 	Peer Assessment (Practical Activity)	Approach: ❖ Explanation ❖ Demonstration ❖ Experiential Activity: Practical in Lab	Peer Assessment Sheet	Life skills: *Observation Skills *Logical thinking skill Subject : Science	On a chart paper , draw the correct way to hold the mouse and decorate it.
Topic: CHAPTER-6	Students will be able to:	Peer Assessment	Approach: ❖ Explanation	Peer Assessment Sheet	Life skills: *Observation Skills	In a group of two students, create a

<p>Introduction to Paint</p> <p>Sub-topics:</p> <ol style="list-style-type: none"> 1) Parts of the Paint Window 2) Drawing Shapes using Tools 3) Colouring shapes using Foreground colour and Background Colour 4) Saving / opening a Drawing <p>No. of Periods:6</p> <p>Month: December</p>	<ul style="list-style-type: none"> • Applied all the shape tools for drawing pictures. • Learned to open, minimize, maximize, and close the paint window through observation and proper steps. • Outlined the steps for all the basic operations like opening and saving a file in paint. 	(Practical Activity)	<p>❖ Demonstration</p> <p>❖ Experiential</p> <p>Activity:</p> <p>Practical in Lab: Draw the national flag using the tools taught in the chapter.</p>		<p>*Logical thinking skill</p> <p>*Learning Skills</p> <p>Subject : Art & Craft + Maths</p>	greeting card for your friend's birthday.
<p>Topic:</p> <p>CHAPTER-7</p> <p>Introduction to File Management</p> <p>Sub-topics:</p> <ol style="list-style-type: none"> 1. What is a File? 2. Basic Operations on a File <p>No. of Periods:6</p> <p>Month: January</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Develop awareness and the importance of the management of a file through observation. • Learned how to use a specified path for saving a file in a formal learning environment. 	Peer Assessment (Practical Activity)	<p>Approach:</p> <p>❖ Explanation</p> <p>❖ Demonstration</p> <p>❖ Experiential</p> <p>Activity:</p> <p>Practical in Lab</p>	Peer Assessment Sheet	<p>Life skills:</p> <p>*Observation Skills</p> <p>*Logical thinking skill</p> <p>*Learning Skills</p> <p>Subject: Maths</p>	In a group of 4 students, check your surroundings to find how things are organized. Observe how things are stored at home, school, Supermarket etc.

Class : 2
Subject :SUPW

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Colouring is Fun	<ul style="list-style-type: none"> • Identify the colour. • Name the animal and the plant. • Compare colour combination. • Improve drawing and colouring skills and eye hand coordination. • Complete drawing independently without dots. • Identify and name objects by way of their shape and colour name. • Draw different objects using concept of 2D And 3D figures . 	<ul style="list-style-type: none"> • Neatness, using colours in thoughtful way. • Neatness, accuracy. • Neatness, colours in thoughtful way • Neatness, creativity. 	<ul style="list-style-type: none"> • Explanation • Demonstration Explanation • Explanation • Explanation • Demonstration 	<ul style="list-style-type: none"> • Mac Book • Mac Book • Mac Book 	<ul style="list-style-type: none"> EVs EVs Maths 	
Half Drawn						
Shape Based	<ul style="list-style-type: none"> • Use imaginative skills and create art as per their own imagination. • Create prints using fruits and Vegetables. 	<ul style="list-style-type: none"> • Neatness, accuracy Follow all instructions. 	<ul style="list-style-type: none"> • Demonstration 	<ul style="list-style-type: none"> • Mac Book 		
Vegetable painting		<ul style="list-style-type: none"> • Children will pay attention for movement and coordinate step by step. 	<ul style="list-style-type: none"> Demonstration 	<ul style="list-style-type: none"> • Mac Book 	<ul style="list-style-type: none"> EVs Maths EVs and Maths 	

Borders & Corners	•Use colour, Shape and Texture to design new borders.		•Experiential	Mac Book	Maths	
Bounding Box	•Create an accurate and proportional drawing.	•Students will learn how to create different patterns.		•Mac Book	Maths	
Step by step	•Develop their ability to concentrate on task . • Present neatly and follow the given instructions. • Select appropriate colour.	•Creativity,hand and eye coordination, follow all directions.	•Explanation	•Mac Book		
Pattern	• Draw and colour pictures using new patterns & proper colour scheme. •Create different patterns based on geometrical shapes. •Understand thumb impression method using different leaves.	•Neatness, accuracy.	•Demonstration	•Mac Book		
Thumb painting	•Develop large and fine motor skills, eye-hand coordination, and intellectual abilities that apply to imagination.	•Follow all directions.	•Demonstration	•Mac Book	EVS	
		•Neatness, hand and eye coordination, follow all instructions.	•Experiential			
		•Creativity , hand and eye coordination				

Emoticons	<ul style="list-style-type: none"> •Recognize emotions in the given pictures. • Use line, shape, colour and space to express emotion in a drawing. •Explore and regulate their emotions. 	<ul style="list-style-type: none"> •Creativity, Neatness, Colour scheme. •Originality of work,Perfection 	•Explanation	<ul style="list-style-type: none"> •Mac Book •Mac Book 	EVS	
Sketch with pencil Colouring with sketch pen	<ul style="list-style-type: none"> •Develop a basic understanding of pencil shading. 	<ul style="list-style-type: none"> •Colour mixing, Creativity, Presentation. •Leaves- print. 	•Explanation	•Mac Book		
Earbud Painting	<ul style="list-style-type: none"> •Improve thinking skills and create new things. •Demonstrate earbud painting technique. 		Experiential	•Mac Book	Maths	
Abstract Art	<ul style="list-style-type: none"> •Create their own dot painting with the help of earbud . • Draw organic and geometric shapes in the appropriate sections of their painting. • Determine correct proportions for figure drawing. 	<ul style="list-style-type: none"> •Colour mixing. 	•Experiential	•Mac Book		
Stick Drawing Character & Composition	<ul style="list-style-type: none"> •Develop their fine motor skills, to draw human figure and objects. 	<ul style="list-style-type: none"> •Neatness, perfection. •Children will pay attention for movement and coordinate while drawing figures. •Creativity, innovative. •Neatness, perfection, 	<ul style="list-style-type: none"> •Demonstration •Explanation 	<ul style="list-style-type: none"> •Mac Book •Mac Book 	Maths	

Primary and secondary colours	<ul style="list-style-type: none"> •Differentiate between primary and secondary colours. •Identify the materials, techniques, and processes used in making leaf Painting. •Understand scraping technique and learn to scratch out outline of drawing. •Improve thinking skills and create new things. • Develop their fine motor skills, to draw human figure and objects. •Experiment with a new paint tool and create sponge painting. •Create a Suitable composition using their creativity and imaginative skills. 	<ul style="list-style-type: none"> •Neatness, Creativity,Follows all directions. •Neatness, and style. •Perfection, follows all instructions. •Originality of work, innovative, Creativity, Perfection. •Creativity,use of materials, presentation. •Neatness, Accuracy. 	<ul style="list-style-type: none"> •Experiential •Demonstration •Experiential •Experiential Experiential •Experiential •Experiential 	<ul style="list-style-type: none"> •Mac Book •Mac Book •Mac Book •Mac Book •Mac Book •Mac Book •Mac Book 	<ul style="list-style-type: none"> EVS Maths Maths EVS 	
Leaf painting						
Glowing outline						
Semi-Realistic Character & Composition						
Sponge painting						
Cartoon Character & Composition	<ul style="list-style-type: none"> •Develop their ideas for craftwork through drawing . •Use of materials and tools to Create 					

<p>Pasting techniques (Sequin, matchstick, paper,cotton, IcecreamStick,)</p> <p>Sandpaper Activity</p> <p>Origami Duck</p> <p>Foil Paper Activity</p> <p>Clay Modelling</p> <p>Handmade- Octopus</p>	<p>works of art or design.</p> <ul style="list-style-type: none"> •Develop a sense of creativity, foster Social and emotional skills. • Improve their imagination skills and Creativity. •Learn proper paper folding technique. • create different forms using foil paper. • Learn handling and reshaping of foil. • Create basic shapes using clay. • Encourages play-based learning. •Promotes sensory development. •Create and make Birthday Cards as gifts for people. • They Can uncover new talents, express themselves and develop valuable skills for the future. 		<p>•Demonstration</p>	<p>•Mac Book</p> <p>•Mac Book</p> <p>•Mac Book</p> <p>•Mac Book</p>	<p>EVS</p> <p>EVS</p> <p>EVS</p>	
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class : III
 Subject : ENGLISH

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : The Morning Rush (Poem) Sub-topics : No. of Periods:5 Month:April	Students will be able to *follow their daily morning routine. * recite poem with appropriate expressions and intonations * learn rhyming words.	*Notebook *Rubric for project	* Explanation method * Dr. West New Method ACTIVITY: Design an advertisement for a soap or a toothpaste	* Sample of the rubric	*Creative thinking skill *Subject Involved :EVS and Maths	*Visual 2D
Topic :My City, My Dogs Sub-topics : No. of Periods:6 Month: April	Students will be able to identify traffic signals. *Identify different breeds of dogs. *use proper, common and collective nouns.	*Notebook *Dictation	* Explanation method * Behavioral skill *Deductive method ACTIVITY : collect pictures of different breeds of dogs.	* Peer Assessment	*Problem solving *Empathy * Subjects involved : EVS and Math	*2D Symbols related to traffic
Topic : Daddy's making Dinner(poem) Sub-topics : No. of Periods:4 Month: June	Students will be able to appreciate the work done by father/ male at home * recite poem with appropriate expressions and intonations * identify rhyming words	*Notebook *Checklist	* Reading and Explanation method. ACTIVITY: Showing pictures of house hold work done by male in the society.	* Notebook *Sample of checklist	*Creative thinking *Subject involved : EVS	*Visual - showing pictures on white board. (male doing household work)
Topic :Brave Rima Sub-topics : No. of Periods:5 Month: June	Students will be able to analyze the problem or situation. *identify subjects and predicates. { Experiential learning-fire exit }	*Notebook *Reading	* Explanation method * Activity - Role play - awareness at the time of emergency .(Fire) ACTIVITY: Role play in case of fire, and how to rescue.	* Notebook *Rubric(teacher)	*Analytical and problem solving *Subject involved:-EVS	*
Topic : Tug of War Sub-topics : No. of Periods:5 Month: August	Students will be able to develop team spirits and collaborative skills. * identify different sports.	*Notebook *Dictation	* Explanation method *Experiential method *Collaborative method ACTIVITY: Experiential learning sports Tug of War.	* Peer assessment	*Interpersonal skill *Subject involved : math	*Sports - Tug of War

TERM II

<u>Topic :</u> <u>No. of Periods :</u> <u>When:</u>	<u>Learning Outcomes</u>	<u>Assessment tools</u>	<u>Teaching Learning Strategies/ Activities</u>	<u>Resources</u>	<u>Inter-disciplinary/ Multi-</u>	<u>Art Integration or Sports</u>
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					<u>disciplinary</u>	<u>Integration</u>
Topic : Mice (poem) Sub-topics : No. of Periods:4 Month: October	Students will be able to identify rhyming words. *respond to comprehension questions	*Notebook *Check list	* Explanation method * Reading *Audio linguistic	* Notebook * Checklist	*Analytical *Subject involved:- EVS	*Making bookmark with the face of the mouse.
Topic :Bhima and Hanumana Sub-topics : No. of Periods:5 Month: October	Students will be able to know about epic stories(Mahabharata) *write the story in sequence.	*Notebook *Concept Map(flowchart)	* Explanation method * Activities- Researching(family tree) ACTIVITY: Role play of character Hanumana	* Sample of concept map	*Leadership skills	*Making GADA of Hanumana
Topic : The Rescue of the Tin Woodman Sub-topics : No. of Periods:5 Month: November	Students will be able to tell about the qualities of the characters in the lesson. * read aloud with appropriate pronunciation and pause.	*Notebook *Dictation	* Reading and Explanation method * Communicative skill	* Notebook *Peer checking	*Emotional skill	*Making a mask of Indian Bison (State animal of Bihar)
Topic :Kindness to Animals Sub-topics : No. of Periods:4 Month: November	Students will be able to learn, how to be kind to animals and to love their Environment.	*Notebook *Portfolio(Bird House)	* Explanation method * Reflective Inquiry ACTIVITY: taking them to walk outdoors, showing them birds and animals. that co-exist with us.	* Rubric of activity	*Creative thinking *Subject Involved- EVS and Math	*Making a Bird house (State Bird of Bihar- Sparrow)
Topic : The Louse's New House Sub-topics : No. of Periods:5 Month: December	Students will be able to know personal hygiene.	*Notebook *Peer Assessment	* Explanation method * Peer Assessing Approach ACTIVITY: Making different hairstyles with craftpapers.	* Note book	*Self awareness * Subject involved :- EVS	*Pictures of different types of hairdos.
Topic : The Cuckoo and Crow. Sub-topics : No. of Periods:4 Month: December	Students will be able to know about different kinds of birds. * respond to comprehension questions	*Notebook * Reading	*Reading and Explanation method ACTIVITY: Drawing pictures of birds using Madhubani painting.	* Rubric	* Emotional skill * Subject involved- EVS	*Stick different kinds of birds.

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class : III

Term I

Subject : Mathematics

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Int M
Topic : Four Digit Numbers Sub-topics : <ul style="list-style-type: none"> Number names Successor and Predecessor Place Value and Face Value Comparing Numbers Building Numbers No. of Periods: 15 Month: April	Students will be able to <ul style="list-style-type: none"> Read and write numbers using place value and identify their face value. Count and recite number names. Identify and write numerals and their number names. Complete number sequences by counting forward and backward without skips. Compare groups and numbers using $<$, $>$ or $=$ symbols. Arrange numbers in ascending and descending orders. Form the greatest and smallest numbers using given digits. 	<ul style="list-style-type: none"> Notebook Checklist Extra questions 	Approaches <ul style="list-style-type: none"> Explanatory Deductive Experiential Collaborative Activities <ul style="list-style-type: none"> Designing a place value chart Making abacus to show place value 	<ul style="list-style-type: none"> Place value chart Rubrics Video Making a video of game piddu	Li Su

<ul style="list-style-type: none"> • Multiplication with Re-grouping No. of Periods: 10 Month: August	multiplication in day-to-day life <ul style="list-style-type: none"> • Recalls and uses multiplication tables to solve problems • Multiply numbers with re-grouping. 		<ul style="list-style-type: none"> • Problem Solving 		
Topic: Lines and Shapes Sub Topic: <ul style="list-style-type: none"> • Flat Shapes • Solid Shapes No. of Periods: 6 Month: September	Students will be able to <ul style="list-style-type: none"> • Classify types of line. • Differentiate between 2-D and 3-D shapes. • List the parts of solid shapes. • Draw 2D and 3D shapes. 	<ul style="list-style-type: none"> • Notebook • Rubrics for project 	Approaches: <ul style="list-style-type: none"> • Explanatory • Collaborative • Reflection Inquiry Activities: Model of 3D shapes	<ul style="list-style-type: none"> • Rubrics for project 	Li Su

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan
Term II

Class : III
Subject : Mathematics

Topic:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	
No. of Periods:					
When:					
Topic:	Students will be able to	<ul style="list-style-type: none"> • Notebook 	Approaches	<ul style="list-style-type: none"> • Peer 	

<p>Division</p> <p>Sub Topic:</p> <ul style="list-style-type: none"> Long Division Division Facts <p>No. of Periods: 12</p> <p>Month: October</p>	<ul style="list-style-type: none"> Determine that division is dividing objects into equal groups. Identify the division facts by equal sharing and finds it by repeated subtraction. Solve simple real life problems involving division (with and without remainder). Divide a number by using inter-relationship between division and multiplication. 	<ul style="list-style-type: none"> Peer assessment sheet Extra questions 	<ul style="list-style-type: none"> Explanatory experiential <p>Activities:</p> <ul style="list-style-type: none"> peer Assessing Problem Solving 	<p>Assessment sheet</p>
<p>Topic : Fractions</p> <p>Sub Topic:</p> <ul style="list-style-type: none"> Fractions in collections <p>No. of Periods: 6</p> <p>Month: November</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> Identify half, one-third, one-fourths and three-fourths of a whole in a given picture by paper folding and also in a collection of objects. Find fractional part of a given natural number. Solve real life problem based on fractions. 	<ul style="list-style-type: none"> Notebook Reflection sheet Extra questions 	<p>Approaches</p> <ul style="list-style-type: none"> Explanatory Behavioural <p>Activities</p> <ul style="list-style-type: none"> Presenting 	<ul style="list-style-type: none"> Sample of Reflection sheet

<p>Topic: Money</p> <p>Sub Topic:</p> <ul style="list-style-type: none"> • Conversion of Money • Addition and Subtraction of Money • Multiplication and Division of Money <p>No. of Periods: 10</p> <p>Month: November</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> • Identify various denominations of money and coins used in India. • Convert rupees into paise and vice versa • Perform addition and subtraction of money. • Make a simple bill. 	<ul style="list-style-type: none"> • Notebook • Peer assessment sheet 	<p>Approaches</p> <ul style="list-style-type: none"> • Explanatory • Collaborative • Experiential <p>Activities</p> <ul style="list-style-type: none"> • collections of bills 	<ul style="list-style-type: none"> • Peer assessment sheet
<p>Topic: Time</p> <p>Sub Topic:</p> <ul style="list-style-type: none"> • Conversion of Time <p>No. of Periods: 10</p> <p>Month: December</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> • Read the time a clock in hours and minutes through understanding the role of hour hand and minute hand. • Draw minute hand and hour hand in a clock to represent a given time. • Convert time in different units . 	<ul style="list-style-type: none"> • Notebook • Concept mapping • Extra questions 	<p>Approaches</p> <ul style="list-style-type: none"> • Explanatory • Experiential • Behavioural <p>Activities</p> <p>Making of concept map</p>	<ul style="list-style-type: none"> • Sample of concept map.
<p>Topic: Measurements</p> <p>Sub Topic:</p> <ul style="list-style-type: none"> • Length • Mass • Capacity • Conversion of 	<p>Students will be able to</p> <ul style="list-style-type: none"> • Identify and analyse to measure length, mass and capacity. • Convert larger units to smaller units and vice versa. 	<ul style="list-style-type: none"> • Notebook • Peer Assessment sheet • Extra questions • Rubrics for project 	<p>Approaches</p> <ul style="list-style-type: none"> • Explanatory • Demonstrate <p>Activities</p> <ul style="list-style-type: none"> • Problem Solving 	<ul style="list-style-type: none"> • Rubrics for project • Peer Assessing sheet

<p>Measurements</p> <ul style="list-style-type: none"> Addition and Subtraction Multiplication and Division <p>No. of Periods: 16 Month: December and January</p> <p>Topic: Data and Charts</p> <p>Sub Topic:</p> <ul style="list-style-type: none"> Pictograph Tally Marks <p>No. of Periods: 5</p>	<ul style="list-style-type: none"> Add and subtract units of length, mass and capacity. Relate different units of length, mass and capacity. Multiply and divide units of measurements. Solve simple real life problems related to measurements <p>Students will be able to</p> <ul style="list-style-type: none"> Collect and record data in a tabular form. Record data using tally charts and numerals in tables and answer simple questions based on the information. Represent data visually(pictograph) and draw inferences. 	<ul style="list-style-type: none"> Notebook Concept map 	<ul style="list-style-type: none"> Peer assessing <p>Approaches:</p> <ul style="list-style-type: none"> Explanatory demonstrate Experiential 	<ul style="list-style-type: none"> Sample of concept map
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ST. PAUL'S CO-ED SCHOOL, BHOPAL

Annual Curriculum and Pedagogical Plan

Class : III _____

Subject : Environmental Studies

Topic : No. of Periods : When :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration Or Sports Integration
Topic : Ch-1 Parts of Our Body Sub-topics : *External body parts	Students will be able to : *Identify the external and internal body	*Notebook	*Interactive *Collaborative Activities and Strategies *Presenting model	*Rubric for notebook	*Communicative skill *Critical thinking *Collaborative *Subject	*Sports Racing

*Internal body parts No. of Periods : 6 Month : April	parts *Develop collaborative skills by discussing the functions of external and internal body parts		*Peer Assessing		involved: English, Maths & GK	
Topic: Ch-3 The Food We Eat Sub-topics: * Different kinds of food *Balanced Diet *Healthy food habits No. of Periods :6 Month : April	Students will be able to: *Analyse different kinds of food *Assess themselves and peers	*Notebook *project	*Explanatory *Collaborative Activities and Strategies *Presenting *Peer Assessing	*Rubric for notebook *Rubric for project	*Critical thinking *Ethical values * Subject involved : English, Maths & GK	*Culinary Prepare salad
Topic: Ch-4 An Ideal Home Sub-topics : *Kutchha house *Pucca house No. of Periods : 6 Month: April	Students will be able to: *Identify the types of houses * Differentiate kutchha & pucca houses	*Notebook *Project	*Interactive *Explanatory *Collaborative Activities and Strategies *Making portfolio	*Rubric for notebook *Rubric for project	*Communicative skill *Critical thinking *Subject involved: English, Maths	*Visual Draw and colour a house
Topic: Ch-5 Clothes We Wear Sub-topics:*Types of Fibres *Taking care of clothes No. of Periods:6 Month: June	Students will be able to: *Analyse the types of fibres *Explain the process of making clothes	*Notebook *Concept Map	*interactive *Demonstrative *Explanatory Activities and Strategies *Presenting	*Rubric for notebook *Sample of concept map	*Critical thinking *Creative thinking *Ethical values *Subject involved: English and Art	*Performing Art Role play
Topic: Ch-7 People and their Workplaces Sub-topic- Neighbourhood Services No. of Periods: 6 Month: July	Students will be able to : *Discuss about neighbourhood services * Give examples	*Notebook *Project	*Interactive *Demonstrative *Collaborative *Explanatory Activities and Strategies *Making portfolio	*Rubric for project *Rubric for Notebook	*Communicative *Subject involved: English & Maths	*Visual Collage of neighbourhood
Topic:Ch-8 Our Festivals Sub-topics:National Festivals *Harvest Festivals *Religious Festivals No. of Periods;6 Month: July	Students will be able to: *Define and list out types of festivals *Distinguish between national festivals,harvest festivals & religious festivals	*Project *Notebook	*Interactive *Demonstrative *Explanatory Activities and Strategies *Making of Concept map	*Rubric for project *Rubric for Notebook	*Communicative *Collaborative *Ethical values *Subject involved: English, Maths& GK	*Performing Art Paste picture of harvest festival of Bihar (Project of partner state Bihar)
Topic:Ch-9 Reaching Places Sub-topics: No. of Periods:6 Month: August	Students will be able to: *Recognize and locate the four directions	*Project *Notebook	*Interactive *Demonstrative *Explanatory Activities and Strategies *Presenting	*Rubric for project *Rubric for Notebook	*Communicative *Critical thinking *Subject involved: English, Maths & GK	*Visual Draw four main and four sub directions.

Topic: Ch-10 Land and Rivers Sub-topics: No. of Periods:6 Month:August	Students will be able to: *Define *Identify different landforms *Know about major rivers of India	*Notebook *Project	*Interactive *Demonstrative Activities and Strategies *Making Checklist	*Rubric for project *Rubric for Notebook	*Communicative *Critical thinking *Ethical values *Subject involved: English, Maths & GK	*Visual On a physical map of India show river Narmada

Term II

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration Or Sports Integration
Topic: Ch-12 Cities and Villages Sub-topics: *Cities *Villages No. of Periods:6 Month: October	Students will be able to: *Differentiate *Compare	*Notebook *Checklist	*Explanatory *Interactive *Play way Activities and Strategies *Making Checklist	*Sample of checklist *Notebook	*Communicative *Subject involved: English & GK	*Sports Bombing the city
Topic:Ch-14 Unity In Diversity Sub-topic: *Symbols of Unity No. of Periods:6 Month: October	Students will be able to: *Discuss and know the symbols of unity	*Notebook *Project	*Interactive *Demonstrative Activities and Strategie *Peer Assessing	*Rubric for Notebook *Rubric for project	*Communicative *Ethical values *Critical thinking *Subject involved: English & GK	*Visual Collage of National Symbols
Topic: Ch-16 Transport and Communication Sub-topics: *Different Means of transport *Different Means of communication No. of Periods:6 Month: November	Students will be able to: *Define *Differentiate means of Transport and Means of communication	*Notebook *Project	*Explanatory *Interactive Activities and Strategies *Making Portfolio *Presnting	*Rubric for Notebook *Rubric for project	*Communicative *Critical thinking *Subject involved: English , Maths & GK	*3D visual Prepare an envelop
Topic: Ch-17 Living and Non-living Things Sub-topics: * Living & Non-living Things *Characteristics of Living Things No. of Periods:6 Month: November	Students will be able to: *Define *Classify *Distinguish	* Project *Notebook	*Interactive *Experiential *Explanatory Activities and Strategies *Making Checklist * Presenting	*Rubric for project * Rubric for Notebook	*Communicative *Creative *Subject involved: English, Art & GK	* 3D Visual Make model of a living thing and a non living thing with the help of flour.
Topic: Ch-18 Plants – Our Friends Sub-topics: *Types of plants *Uses of plants *Leaves- The food factory No. of Periods: 6	Students will be able to: *Define *Classify *Analyse	* Project *Notebook	*Interactive *Demonstrative Activities and Strategies *Presenting	*Rubric for Project * Rubric for Notebook	*Communicative *critical thinking *Subject involved: English & GK	*Performing Art Paste picture of two medicinal plants of Bihar (Project: partner state Bihar)

Month:December						
Topic: Ch-19 Animals and Birds Sub-topics: *Animals movements *Animals eating habits *Special features of Birds *Foodchain No. of Periods:8 Month: December	Students will be able to: *Know movements, eating habits *Give examples	*Notebook *Concept map * Project	*Reading *Explanatory *Demonstrative Activities and Strategies *Making of concept map	*Rubric for Project * Rubric for Notebook *Sample of concept map	*Communicative *Creative *Subject involved; English, Art& GK	*3D Make a sparrow with the help of craft paper
Topic: Ch-20 Clean Water and Air Sub-topics: *Water- A wonderful liquid *Properties of water *Water pollution *Conservation of water *Air pollution No. of Periods: 8 Month:December	Students will be able to: *Illustrate *Perform	*Notebook *Project	*Interactive *Demonstrative *Explanatory Activities and Strategies *Making portfolio	*Rubric for Project * Rubric for Notebook	*Communicative *Critical thinking *Subject involved: English & GK	* Performing Art Write a slogan on water pollution
Topic: Ch-21 Weather and Seasons Sub_topics: *Weather *Seasons *Clothes worn in different seasons No. of Periods: 7 Month: January	Students will be able to: *Define *Differentiate seasons *Identify	* Project *Notebook	*Interactive *Demonstrative *Explanatory *Experiential Activities and Strategies Presenting	*Rubric for project * Rubric for Notebook	*Communicative *Creative *Critical thinking *Subject involved: English & GK	*3D Make an umbrella with the help of craft paper

सेंट पॉल को - एड स्कूल आनंद नगर भोपाल

वार्षिक पाठ्यचर्या एवं शैक्षणिक योजना

कक्षा - 3

हिंदी

विषय .

शीर्षक(विषय): कालखंड की संख्या कब	सीखने के परिणाम	मूल्यांकन उपकरण	शिक्षक सीखने की रणनीतियाँ एवं गतिविधियाँ	संसाधन	अंतर अनुशास /बहु अनुशास
TERM -1					
विषय- पाठ -1 हिम्मत कभी न हारें उप विषय - कविता (व्याख्यान) कालखंड की संख्या - मास- अप्रैल	विकसित करने की रणनीति 1 ^प लय के साथ कविता वाचन करेंगे। 2 ^प छात्र साहसी परिश्रमी आत्मविश्वा सी बनेंगे । 3 ^प सफलता पाने के लिए प्रयास करेंगे ।	रुब्रिक ,कविता वाचन के आधार पर 1 ^प हाव भाव 2 ^प उच्चारण 3 ^प लयात्मक 4 ^प भावत्मकता मूल्यांकन . 1 ^प अतिउत्कृष्ट 2 ^प संतोषजनक 3 ^प सुधार की जरूरत	कविता को कंठस्थ कर कक्षा में सुनना द्य	समकक्ष मूल्यांकन शीट 1 ^प अति उत्कृष्ट 2 ^प संतोष जनक 3 ^प सुधार की जरूरत	कौशल . रचनात्मक कल्पनाशील विकास विषय . सामाजिक वि

<p>विषय- पाठ -2</p> <p>कैसा हुआ चमत्कार</p> <p>(अनुभवजन्य अधिगमन)</p> <p>उप विषय - कहानी</p> <p>(व्याख्यान)</p> <p>कालखंड की संख्या -</p> <p>मास- जून</p>	<p>स्वयं की पहचान करना एवं विकसित करने की रणनीति</p> <p>1^प सही उच्चारण से वाचन करेंगे ।</p> <p>2^प गलती को स्वीकारेंगे।</p> <p>3^प पढ़ाई के प्रति जागरूक होंगे ।</p>	<p>पोर्टफोलियो</p> <p>मेरा परिचय</p> <p>धनाम धजन्म धकब</p> <p>ध कहाँ पता ध रुचि</p> <p>ध व्यंजन ध आदर्श व्यक्ति</p>	<p>अनुच्छेद लेखन</p> <p>दिए गए विषय पर रचनात्मक लेखन करना</p>	<p>समकक्ष मूल्यांकन</p> <p>लेखन शैली धमात्रा</p> <p>ज्ञान वाक्यशैली ध व्याकरण स्वच्छता</p>	<p>कौशल</p> <p>चिंतन ध र</p> <p>विकास ध</p> <p>शक्ति का वि</p> <p>विषय . नै</p> <p>एवं पर्यावरण</p>
<p>विषय- पाठ -3</p> <p>तीन गुड़िया</p> <p>उप विषय - चित्र कथा</p> <p>कालखंड की संख्या -</p> <p>मास- जुलाई</p>	<p>मूल्यांकन करना</p> <p>1^प छात्र दूसरों की बात गोपनी रखेंगे।</p> <p>2^प दूसरों की बातों को महत्व देंगे।</p> <p>3^प बुद्धि विवेक का प्रयोग करेंगे।</p>	<p>पुस्तिका</p> <p>1^प चित्र चिपक कर कहानी पूर्ण करना ।</p> <p>2^प मूल्यांकन भी कर सकते हैं ।</p>	<p>चिंतन आधारित</p> <p>पूछताछ</p>	<p>समकक्ष मूल्यांकन</p> <p>शीट</p>	<p>कौशल . र</p> <p>विकास</p> <p>समस्या समाधान</p> <p>विज्ञान</p>

विषय - पाठ - 4 समय का मोल (पाठ पठन) उप विषय - कविता कालखंड की संख्या - मास- जुलाई	विकसित करने की रणनीति	पुस्तक	कृ..	कृ.....	कौशल शैली लेखन शैली
विषय - पाठ - 5 राजेंद्र बाबू (पाठ पठन) उप विषय - संस्मरण कालखंड की संख्या - मास- जुलाई	विकसित करने की रणनीति	पुस्तक	कृ.....	कृ.....	कौशल शैली लेखन शैली

विषय - पाठ - 6 दूध का रंग उप विषय - नाटक कालखंड की संख्या - मास- अगस्त	विश्लेषण ¹ रखने एवं दूध का विश्लेषण ² आवश्यक तत्वों का महत्व	दूध से बनी चीजों का संग्रह	चिंतन आधारित पूछताछ	संकल्पना मानचित्र	कौशल रचनात्मक वैज्ञानिक समस्या स विषय और विज्ञान
विषय - पाठ - 7 आनंद ही आनंद उप विषय - कहानी कालखंड की संख्या - मास- अगस्त	विकसित करने की रणनीति	पुस्तक	कृ.....	कृ.....	कौशल शैली लेखन शैली

विषय - पाठ - 8 अनोखा उपहार उप विषय - कहानी कालखंड की संख्या - मास- अगस्त	विकसित करने की रणनीति	पुस्तक			कौशल शैली लेखन शैली
TERM - 2					
विषय - पाठ - 9 शून्य उप विषय - कविता कालखंड की संख्या - मास- अक्टूबर	आंकलन करना विकसित करने की रणनीति ¹ शून्य से बने अंकों की पहचान ² शून्य की उपयोगिता ³ शून्य की खोज	चेक लिस्ट लिखने का तरीका & अंक बनावट & गणना & स्वच्छता	चार्ट मेकिंग पहाड़ा & गिनती	चेक लिस्ट अभ्यास कार्य के अनुसार	कौशल . त का विकास कल्पना श विकास रचनात्मक विषय . गणि

विषय - पाठ - 10 अनोखी चिड़िया उप विषय - लेख कालखंड की संख्या - मास- अक्टूबर	पहचानए विश्लेषण पक्षियों की पहचान पक्षियों से प्रेम पक्षियों के बारे में जानने की जिज्ञासा	पक्षियों का निरीक्षण दर्जन चिड़िया बया तोता	गतिविधि पक्षी निरीक्षण नाम ६ पंख ६ आकार ध्यौंच	निरिक्षण शीट किए गए अभ्यास कार्य के अनुसार	रचनात्मक गहन चिंतन पर्यावरण वि
विषय - पाठ - 11 पिकनिक (पाठ - पठन) उप विषय - कहानी कालखंड की संख्या - मास- अगस्त	विकसित करने की रणनीति	पुस्तक	कृ.....	कृ.....	कौशल . शैली: लेखन शैली

विषय - पाठ - 12 दीप से दीप जलाओ (पाठ - पठन) उप विषय - कविता कालखंड की संख्या - मास- नवंबर	विकसित करने की रणनीति	पुस्तक	कृ.....	कृ.....	कौशल शैली लेखन शैली
विषय - पाठ - 13 पौधों का जीवन उप विषय - संवाद कालखंड की संख्या - मास- दिसंबर	पहचान विश्लेषण वृक्षों का महत्व पेड़ पौधों ,वैज्ञानिक औषधीय पौधों के गुण जानकारी	अनुभावक गतिविधि ; बीजा रोपण एवं उनका विकास	शोध कार्य	जाँच सूची दिनांक सहित हर जाँच का डेटा रखना	समस्या सहभागिता गहन चिंतन विज्ञान से

विषय - पाठ - 14 विश्व पुस्तक मेला उप विषय - पत्र कालखंड की संख्या - मास- दिसंबर	समकक्ष आंकलन 1 ^ण बच्चे मेले के बारे में जानेंगे छ 2 ^ण पजल खिलौने की उपयोगिता पहचानेंगे छ	जिंगल स्लोगन	प्रस्तुतीकरण	अवधारणा माइंड मैप	कौशल चिंतन व्यावसायिक सहभागिता विषय शिक्षा
विषय - पाठ - 15 सबसे बढ़कर हम (पाठ -पठन) उप विषय - कविता कालखंड की संख्या - मास- दिसंबर	विकसित करने की रणनीति	पुस्तक	कृ.....	कृ.....	कौशल शैली लेखन शैली

विषय - पाठ - 16 माइकल फैराडे (पाठ - पठन) उप विषय - जीवनी कालखंड की संख्या - मास- दिसंबर	विकसित करने की रणनीति	पुस्तक	कृ.....	कृ.....	कौशल शैली लेखन शैली
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan
2024-2025

Class: 3
Computer

Subjects:

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: CHAPTER-1 & 2 A Computer System and Computer Software Sub-topics: 1) Computer and its parts 2) Types of	Students will be able to: <ul style="list-style-type: none"> • Describes the major components of a modern computer. • Distinguishes between operating, system 	Concept Map to define classification of Hardware and Software	Approach: Explanation Demonstration Experiential Collaborative Activity: Draw the picture of any	Sample of Concept map	Life skills: *Memorizing skill *Logical thinking skill *	*Pick up any activity using daily life and display them using IPO Cycle.

<p>Hardware</p> <p>3) Types of Software</p> <p>4) IPO Cycle</p> <p>5) Functions of a computer</p> <p>No. of Periods: 8</p> <p>Month: April + June</p>	<p>software , Application software.</p> <ul style="list-style-type: none"> Identifies the primary functions of computer. 		<p>3 Hardware devices and Software Logo.</p>		<p>Analyze different types of Hardware & Software using Critical thinking .</p> <p>Subject: Science</p>	
<p>Topic: CHAPTER-3 GUI Operating System – An Introduction</p> <p>Sub-topics: 1) Operating System 2) Components of desktop 3) The Taskbar and its components 4) Windows 7 Accessories</p> <p>No. of Periods: 6</p> <p>Month: July</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Identifies the Windows screen elements and parts of a window. Resize , Move and Scroll windows. Describe how to maximize, Restore, Minimize and close windows Uses the windows operating system to practice performing common tasks. 	<p>Peer Assessment (Practical Activity)</p>	<p>Approach: Explanation Demonstration Experiential Collaborative</p> <p>Activity:</p> <ul style="list-style-type: none"> Draw any 3 icons you see on windows 7 desktop and write their names. 	<p>Peer Assessment (Practical Activity)</p>	<p>Life skills: * Organizing * Managing * Communicating</p> <p>Subject: Science</p>	<p>Design a Desktop using any 5 features.</p>
<p>Topic: CHAPTER-6 Fun with Paint</p> <p>Sub-topics: 1) Toolbox and its commands 2) Select and free form select tool. 3) D/W Cut + paste and Copy + Paste</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Access themselves and peers Make presentation 	<p>Peer Assessment (Practical Activity)</p>	<p>Approach: Explanation Demonstration Experiential</p> <p>Activity:</p> <ul style="list-style-type: none"> Designing Advertisement using multiple medium. 	<p>Peer Assessment (Practical Activity)</p>	<p>Life skills: * Creativity * Organizing * Arranging</p> <p>Subject : Art &</p>	<p>Design a toy train using shapes available in tool box.</p>

No. of Periods:6 Month: August					Craft + Maths	
Topic: CHAPTER-4 Word Processor – An Introduction Sub-topics: 1)Start Ms Word 2007 2)List the features of a word processor 3)Identify different components of Ms word 2007 No. of Periods:6	Students will be able to know: <ul style="list-style-type: none"> Features of a word processor Components of Ms Word 2007 Operation to select / delete text. Operation to Save, Open and close the document. 	Peer Assessment (Practical Activity)	Approach: <ul style="list-style-type: none"> ❖ Demonstration ❖ Experiential ❖ Explanation Activity: Visit the computer lab using Ms word type the name of five famous monuments of india.	Peer Assessment (Practical Activity)	Life skills: *Memorizing skill *Logical thinking skill Subject : Science + Maths	Make a Document showing Traditional Dish of 'Bihar'.
Month: October						
Topic: CHAPTER-5 Introducing The Internet Sub- topics: 1)Network , computer networks and Internet 2)The requirements for an Internet connection 3)Internet Terms 4)Web browsers & Website 5)Uses of Internet No. of Periods:6 Month: November	Students will be able to: <ul style="list-style-type: none"> Understand basic internet vocabulary Use and understand basic browser functions Conduct a search to find information online Know how to stay safe online Uses of Internet 	Peer Assessment (Practical Activity)	Approach: <ul style="list-style-type: none"> ❖ Explanation ❖ Demonstration ❖ Experiential Activity: <ul style="list-style-type: none"> Using web browser and Internet connection find out how can you search your school website and explore content from it. 	Peer Assessment (Practical Activity)	Life skills: *Observation Skills *Logical thinking skill Subject : Science	<ul style="list-style-type: none"> Open any web browser, Type the address of any newspaper website in the address bar, for example www.timesofindia.com Read any five headlines

						es from it and share it in your class.
Topic: CHAPTER-7 Ai and Robotics Sub-topics: 1)Uses of Artificial Intelligence No. of Periods:6 Month: December-January	Students will be able to: <ul style="list-style-type: none"> • Human–AI Interaction • AI Solutions & Applications • AI Design & Development • AI & Organizational Intelligence 	Peer Assessment (Practical Activity)	Approach: <ul style="list-style-type: none"> ❖ Explanation ❖ Demonstration ❖ Experiential Activity: Using computer lab find information about various Artificial Intelligence devices and write about it in Ms Word.	Peer Assessment (Practical Activity)	Life skills: <ul style="list-style-type: none"> *Observation Skills *Logical thinking skill *Learning Skills Subject : Science	Using computer lab find information about various Artificial Intelligence devices and write about it in Ms Word.

Class : _____3rd_____

Subject : _____SUPW_____

Topic : No. of Periods :When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration

<p>Topic :</p> <p>Colouring Fun</p> <p>Half Drawn</p> <p>Shape Based</p> <p>Vegetable Printing</p>	<p>is</p> <ul style="list-style-type: none"> • Identify the colour. • Name the animal and the plant. • Compare colour combination. • Improve drawing and colouring skills and eye hand coordination. • Complete drawing independently without dots. • Identify and name objects by way of their shape and colour name. • Draw different objects using concept of 2D And 3D figures • Use imaginative skills and create art as per their own imagination <p>Create prints using fruits and vegetables</p>	<p>•Neatness,using colours in thoughtful way.</p> <p>•Neatness, accuracy.</p> <p>•Neatness,colours in thoughtful way</p> <p>Neatness,creativity</p>	<p>•Explanation</p> <p>•Demonstration</p> <p>•Explanation</p> <p>Explanation</p>	<p>•Mac Book</p> <p>•Mac Book</p> <p>•Mac Book</p> <p>Mac Book</p>	<p>EVs</p> <p>EVs</p> <p>Maths</p> <p>EVS</p>	
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ST . PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan
Class IV

SUBJECT: ENGLISH

TERM I

<u>Topic :</u> <u>No. of Periods :</u> <u>When:</u>	<u>Learning Outcomes</u>	<u>Assessment tools</u>	<u>Teaching Learning Strategies/ Activities</u>	<u>Resources</u>	<u>Inter-disciplinary/ Multi-disciplinary</u>	<u>Art Integration or Sports Integration</u>
Topic :Unni's Wish Sub-topics : No. of Periods:5 Month: April	Students will be able to Know more about the importance of electricity. *identifies kinds of sentences.	*Notebook * Experiential learning : at science centre	*Reading and Explanation method *Making portfolio ACTIVITY: Draw a poster on conservation of electricity	*Note book	*Problem solving *Analytical	* Paste picture of THOMAS EDISON
Topic : Grandma Doesn't care(poem) Sub-topics : No. of Periods:5 Month: June	Students will be able to identify rhyming words. *recite poem with appropriate expressions and intonations	*Notebook *Checklist	* Explanation method and discussion ACTIVITY: *Handmade fan using their own creativity	* Notebook *Checklist	* Emotional skill	*Handmade fan using their own creativity.
Topic : Ammachi's incredible investigation Sub-topics : No. of Periods:4 Month: July	Students will be able to relate the story with their personal life. *perform role play	*Notebook *Reading	* Explanation method *Discussion method ACTIVITY : Treasure hunt	* Notebook *Sample of Rubric	*Team building	* Paste the pictures of state food of Bihar.
Topic: The Scavenger's Hunt Sub-topics : No. of Periods:5 Month: July	Students will be able to Develop collaborative skills. *responds verbally to questions based on day-to- day life experiences.	*Notebook *Reading	* Explanation and discussion method ACTIVITY : To make water filter	* Notebook *sample of rubric	* Emotional skill *Interpersonal skill Subject Involved: Social Science	
Topic : When Mother Reads aloud (poem) Sub-topics : No. of Periods:4 Month: August	Students will be able to tell qualities of their Mother. *recite poem with appropriate expressions and intonations.	*Notebook	* Explanation method *Collaborative method ACTIVITY : *Make Thank you card	* Notebook *Rubric	* Presentation	* Thank you card

TERM II

<u>Topic : 6</u> <u>No. of Periods :</u> <u>When:</u>	<u>Learning Outcomes</u>	<u>Assessment tools</u>	<u>Teaching Learning Strategies/ Activities</u>	<u>Resources</u>	<u>Inter-disciplinary/ Multi-disciplinary</u>	<u>Art Integration or Sports Integration</u>
Topic : Sub-topics : Wait and See No. of Periods:4 Month: October	Students will be able to answer the questions based on day to day life experience. *use nouns in speech or writing.	*Peer assessment	* Reading and Explanation method	* Notebook (Dictation)	*Analytical and creative thining *	*Bihar Madhubani painting(Birthday card)
Topic : The Train(poem) Sub-topics : No. of Periods:5 Month: October	Students will be able to identify rhyming words. *recite poem with appropriate expressions and intonations.	*Notebook *Portfolio	* Explanation method *collaborative Activity- Stick pictures of different kinds of engines.	* Notebook *Peer assessment	* Collaborative sill Subjects involved- Maths and Science	*Model of train (Group activity) 3D
Topic : The Little Sparrow Sub-topics : No. of Periods:5 Month: November	Students will be able to identify adverbs. *reads aloud with appropriate pronunciation and pause.	*Notebook *Reading	* Behavioral approach	* Rubric (sample)	* Decision making skill	*(Bihar State bird) Book Mark- Sparrow
Topic : Direction of Growth Sub-topics : No. of Periods:4 Month: November	Students will be able to learn /describe about how mother tiger imparts survival skills to his cub. *responds to comprehension questions.	*Notebook *Portfolio	* Audio Linguistic * ACTIVITY: Poster to save tiger with slogans.	*Rubric for portfolio	* Emotional skill * Empathy	
Topic : The Bear and the Gardener(poem) Sub-topics : No. of Periods:5 Month: December	Students will be able to recite poem with appropriate expressions and intonations. * able to identify rhyming words.	*Dictation *Experiential learning: Taking children to garden observe nature's beauty.	* Reflective enquiry *Behavioral Activity : Write quotes on friendship	* Note book *Peer assessment	*communication	

Topic : Our Encounter with a Snow Leopard Sub-topics : No. of Periods:5 Month: January	Students will be able to Read aloud the story with appropriate pronunciation and pause.	*Reading	*Explanation method *Reflective Inquiry method *ACTIVITY : Paste pictures of animals found cold regions.	* Note book *Sample of Rubric	*communication *Problem solving	
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विषय . हिंदी

कक्षा 4

शीर्षक(विषय): कालखंड की संख्या कब	सीखने के परिणाम	मूल्यांकन उपकरण	शिक्षक सीखने की रणनीतियाँ एवं गतिविधियाँ	संसाधन	अंतर अनुशासनात्मक /बहु अनुशासनात्मक	कला एकीकरण खेल एकीकरण
TERM -1						
विषय- पाठ -1 ' ऐसा वर दो' उप विषय - कविता (व्याख्यान) समानार्थक एवं वर्ण विच्छेद	विकसित करने की रणनीति 1 ^प लय के साथ कविता वाचन करेंगे। 2 ^प दुर्गुणों से दूर रहेंगे। जरूरतमंदों की मदद करेंगे देश प्रेम एवं कर्तव्यों का पालन करेंगे।	रुब्रिक ,कविता वाचन के आधार पर द्द 1 ^प हाव भाव 2 ^प उच्चारण 3 ^प लयात्मक 4 ^प भावत्मकता मूल्यांकन . 1 ^प अति उत्कृष्ट	कविता को कंठस्थ कर कक्षा में सुनना द्य प्रस्तुतीकरण चिंतनशील पूछताछ	समकक्ष मूल्यांकन शीट 1 ^प अति उत्कृष्ट 2 ^प संतोष जनक 3 ^प सुधार की जरूरत	कौशल . रचनात्मक विकास कल्पनाशीलता का विकास सहभागिता विषय . सामाजिक विज्ञान	रंगोली की रंगों से झंडा बनाना।

कालखंड की संख्या - मास- अप्रैल		2 ^ए संतोषजनक 3 ^ए सुधार की जरूरत				
विषय- पाठ -2 ईदगाह (अनुभवजन्य अधिगमन) उप विषय - कहानी (व्याख्यान) वचन, विलोम संज्ञा के प्रकार, मुहावरों का प्रयोग कालखंड की संख्या - 7 मास- जून	स्वयं की पहचान करना एवं विकसित करने की रणनीति 1 ^ए सही उच्चारण से वाचन करेंगे । 2 ^ए विवेकपूर्ण निर्णय लेंगे 3 ^ए फिजूल खर्च नहीं करेंगे इच्छाओं पर नियंत्रण करना सीखेंगे बुजुर्गों की आवश्यकताओं का ध्यान देंगे।	चेकलिस्ट (मेले में उपलब्ध जरूरत के सामान की सूची बनाना)	अनुभव आत्मकता से सीखेंगे व्यवहारिक समक क्ष आंकलन	जांच सूची (उपयोगी सामान अनुपयोगी सामान मूल्यांकन	कौशल . गहन चिंतन रचनात्मक विकास कल्पना शक्ति का विकास निर्णय लेने की क्षमता डाटा संग्रहण विषय दृष्ट नैतिक शिक्षा	भारतीय धार्मिक त्योहारों का कोलाज बनाना।
विषय- पाठ -3	विश्लेषण विकसित करने की रणनीति मूल्यों को विकसित करेंगे। एकाग्रता विकसित करेंगे।	जानकारी एकत्र करना।	चिंतनशील समकक्ष	कार्ड बनवाकर कथनों को लिखना।	कौशल . रचनात्मक विकास	समाज सुधारक दो महान विभूतियों के चित्र काटकर

<p>‘ स्वामी विवेकानंद ‘उ अप विषय - जीवनी</p> <p>विपरीतार्थक शब्दए वर्ण विच्छेद</p> <p>कालखंड की संख्या - 7</p> <p>मास- जुलाई</p>		<p>राजा राममोहन राय एवं स्वामी विवेकानंद (पांच वाक्य))</p>	आंकलन		<p>ग्रहण चिंतन सहभागिता</p> <p>विषय . विज्ञान</p>	<p>चिपकाएं एवं नाम लिखिए।</p>
<p>विषय - पाठ - 4</p> <p>‘ प्रकृति की सुषमा’ (पाठ - पठन</p> <p>उप विषय - कविता,</p> <p>कालखंड की संख्या -</p>	<p>पठ . पठन</p> <p>आदर्श वसचन</p>	पुस्तक	<p>कविता वाचन कृ.. चित्र बनाना (प्राकृतिक दृश्य)</p>	<p>आदर्श वाचन कृ..... चित्र बनाना</p>	<p>विचार विमर्श तर्कशक्ति वाचन कौशल लेखन कौशल</p> <p>विषय . विज्ञान</p>	<p>प्राकृतिक दृश्य रे त की सहायता से बनाना।</p>

मास- जुलाई						
विषय - पाठ - 5 ‘ हमारा तिरंगा ’ उप विषय - संस्मरण कालखंड की संख्या - मास- जुलाई	विकसित करने की रणनीति पहचानए विश्लेषण ^{1ए} देश प्रेमी बनेंगे देश की संस्कृति से परिचित होंगे	जिंगल स्लोगन (तिरंगा)	चिंतन आधारित पूछताछ व्याख्यान.....	समक्ष आकलन रुब्रिक (तकबंदी उच्चारण आत्मविश्वास द्व	कौशल . वाचन शैली लेखन शैली रचनात्मक सृजनात्मक विषय सामाजिक अध्ययनएनैतिक शिक्षा	बिहार का फूल बनाना। ^ए
विषय - पाठ - 6 ‘ एवरेस्ट के साथ मेरी भेंट ’ अप विषय - यात्रा वर्णन पाठ पठन	विश्लेषणए पहचानए विकसित करने की राजनीति ^{1ए} आदर्श वाचन	पुस्तक	पाठ. पठन	सूची बनाना हिमालय पर्वत की चोटियों पर चढ़ने के लिए किन-किन वस्तुओं की जरूरत पड़ती है।	कौशल. रचनात्मक विकास वाचन कौशल विषय . नैतिक शिक्षा	हिमालय पर्वत की चोटियों का चित्र बनाकर नाम लिखिए

कालखंड की संख्या - 5 मास- अगस्त						
विषय - पाठ - 7 चींटी और कबूतर (पाठ - पठन) उप विषय - कहानी कालखंड की संख्या - मास- अगस्त	विकसित करने की रणनीति पहचान एवं विश्लेषण 1 आदर्श वाचन	पुस्तक	पाठ . पठन.....	चार्ट बनाना ; सीख देने वाले पांच वाक्य लिखना)	कौशल . वाचन शैली लेखन शैली एवं रचनात्मक कौशल	चींटी और कबूतर का चित्र बनाइए।
विषय - पाठ - 8 केरल का निमंत्रण (पर्यटन) उप विषय - कहानी कालखंड की संख्या -	विकसित करने की रणनीति पहचान एवं विश्लेषण एवं अवलोकन	चेकलिस्ट राजस्थान केरल सौंदर्य खान पान वेशभूषा जलवायु फसल	शोध कार्य समकक्ष आंकलन	चेकलिस्ट राजस्थान एवं केरल का तुलनात्मक अध्ययन	कौशल . वाचन शैली लेखन शैली रचनात्मक जीवन मूल्य कल्पना सहभागिता विषय सामाजिक विज्ञान	नौका (केरल मधुबनी आर्ट)

मास- अगस्त						
TERM - 2						
<p>विषय - पाठ - 9</p> <p>कंदब का पेड़</p> <p>उप विषय - कविता</p> <p>समूहवाची विशेषण</p> <p>विपरीतार्थक तुकांत शब्द</p> <p>कालखंड की संख्या - 7</p> <p>मास- अक्टूबर</p>	<p>आंकलन करनाए पहचान</p> <p>विकसित करने की रणनीति</p> <p>1^पजीवन मूल्य से परिचित होंगे।</p> <p>2^पआदर्श वाचन सीखेंगे।</p> <p>3^प बाल सुलभ लीला का आनंद लेंगे।</p>	<p>रुब्रिक</p> <p>भावात्मक</p> <p>उच्चारण</p> <p>लयात्मकता</p>	<p>प्रस्तुतीकरण</p>	<p>समक्ष मूल्यांकन</p> <p>अधिक उत्कृष्ट</p> <p>संतोषजनक</p> <p>सुधार की पर</p> <p>जरूरत</p>	<p>कौशल . तर्क शक्ति का विकास</p> <p>कल्पना शक्ति का विकास</p> <p>रचनात्मक विकास</p> <p>विषय . शारीरिक शिक्षा</p>	<p>3^व बांसुरी से (पेपर की सहायता से)</p>
<p>विषय - पाठ - 10</p> <p>कबड्डी</p>	<p>पहचानए विश्लेषणए विकसित करने की रणनीति</p>	<p>भाषण</p> <p>(प्रिय खेल)</p>	<p>चिंतनशील</p> <p>पूछताछ</p>	<p>समक्षक</p> <p>मूल्यांकन</p>	<p>रचनात्मक सोच</p> <p>गहन चिंतन</p>	<p>कबड्डी खेल के विषय में मैथिली भाषा</p>

<p>वार्तालाप</p> <p>उप विषय - लेख</p> <p>विशेषण</p> <p>कालखंड की संख्या - 7</p> <p>मास- अक्टूबर</p>	<p>1^० खेल के विषय में जानेंगे</p> <p>2^० आत्मविश्वास बनेंगे।</p> <p>3^० स्वस्थ जीवन शैली अपनाएंगे।</p>		<p>अनुच्छेद लेखन</p> <p>श्रव्य भाषिय</p>		<p>स्वस्थ जीवन शैली</p> <p>आत्मविश्वास</p>	<p>में जानकारी लिखना</p>
<p>विषय - पाठ - 11</p> <p>अपन गांव</p> <p>(पाठ - पठन)</p> <p>उप विषय - कहानी</p> <p>विपरीतार्थक पर्यायवाची वचन</p> <p>कालखंड की संख्या -</p> <p>मास- अगस्त</p>	<p>विकसित करने की रणनीति</p> <p>1^० उच्चारण एवं मात्राओं पर ध्यान देंगे</p> <p>2^० आदर्श वचन</p>	<p>पुस्तक</p>	<p>पाठ.पठन</p> <p>कच्चा घर और पक्का घर बनाना</p> <p>(चित्र)</p>	<p>तुलनात्मक अध्ययन स..</p>	<p>कौशल . वाचन शैली</p> <p>लेखन शैली</p> <p>स्वस्थ जीवन शैली</p> <p>सहभागिता</p> <p>रचनात्मक सोच</p> <p>विषय पर्यावरण शिक्षा</p>	<p>आइसक्रीम स्टिक से कच्चा घर बनाना।</p>

<p>विषय - पाठ - 12</p> <p>दादाजी का लॉकडाउन (पाठ - पठन)</p> <p>उप विषय - कहानी पर्यायवाची सम श्रद्धा भिन्नार्थक शब्द</p> <p>कालखंड की संख्या -</p> <p>मास- नवंबर</p>	<p>विकसित करने की रणनीति</p> <p>अनुकरण</p> <p>1^प उच्चारण में मात्राओं पर ध्यान देंगे।</p> <p>2^प आदर्श वचन करेंगे।</p>	<p>पुस्तक</p>	<p>पाठ . पठन</p> <p>चार्ट बनाना।</p> <p>(हाथों की सफाई क्रमबद्ध बताते हुए चार्ट बनाइए।)</p>	<p>व्यवहारिक ज्ञान</p> <p>चिंतनशीलता कृ</p> <p>.....ए.....</p>	<p>कौशल . वाचन शैली लेखन शैली</p> <p>जीवन मूल्य</p> <p>कर्तव्य पालन</p> <p>स्वस्थ जीवन</p> <p>शैली</p> <p>संवेदनशीलता</p>	<p>चार्ट बनाना</p>
<p>विषय - पाठ - 13</p> <p>:पानी अमृत है'</p>	<p>पहचान</p> <p>विश्लेषण</p> <p>विकसित करने की रणनीति</p> <p>प^आकलन करना स्वयं एवं समकक्ष लोगों का</p> <p>1^पपानी की महत्व को समझेंगे।</p>	<p>परिचर्चा,</p> <p>समकक्ष</p> <p>आंकलन</p>	<p>शोध कार्य चिंतन</p> <p>आधारित</p> <p>पूछताछ</p> <p>समस्यासुलझाना</p>	<p>समकक्ष</p> <p>मूल्यांकन (सींचा हुआ और बिना सींचा हुआ)</p> <p>2 दिन के आकलन से</p>	<p>समस्या समाधान</p> <p>सहभागिता</p> <p>चिंतन</p> <p>रचनात्मक</p> <p>विषय विज्ञान</p>	<p>रेगिस्तान का जहाज ' का चित्र बनाइए।</p>

<p>उप विषय - संवाद,समानार्थक शब्द विराम चिन्ह</p> <p>कालखंड की संख्या -7</p> <p>मास- दिसंबर</p>	<p>2^ण जल संरक्षण में को समझेंगे। 3^णप्रदूषण के प्रति सचेत रहेंगे।</p>			<p>मूल्यांकन शीट बनाना।</p>		
<p>विषय - पाठ - 14</p> <p>एक पत्र- श्री नंदिनी के नाम</p> <p>उप विषय - पत्र</p> <p>योजकएसंज्ञाए पत्र लेखन</p> <p>कालखंड की संख्या -7</p> <p>मास- दिसंबर</p>	<p>समकक्ष आंकलन</p> <p>1^णजीवन मूल्यों का पालन करना सीखेंगे। 2^णमहान व्यक्तियों से परिचित होंगे। 3^णपत्र लेखन सीखेंगे।</p>	<p>परिचर्चा</p> <p>समकक्ष आंकलन</p>	<p>पत्र लेखन प्रारूप प्रस्तुतीकरण</p>	<p>समकक्ष मूल्यांकन रुब्रिक</p>	<p>कौशल . गहन चिंतन</p> <p>व्यवहारिक कौशल सहभागिता</p> <p>विषय . नैतिक शिक्षा</p>	<p>मैथिली भाषा का प्रयोग करते हुए निमंत्रण पत्र लिखिए</p>
<p>विषय - पाठ - 15</p>	<p>विकसित करने की रणनीति आंकलन करना</p>	<p>परिचर्चा</p>	<p>अनुभवात्मक (व्यस्त कक्षा एवं घर का उदाहरण</p>	<p>समकक्ष मूल्यांकन</p>	<p>रचनात्मक लेखन वाचनएश्रवण कौशल</p>	<p>स्वच्छता पर चित्र बनाकर</p>

सर्वोपरि रही स्वच्छता उपविषय - नाटक उपसर्ग, विलोम, हैं हैं का प्रयोग, वाक्य बनाना कालखंड की संख्या - 7 मास- दिसंबर	1 ^० स्वच्छता का महत्व समझेंगे। ^० 2 ^० सांस्कृतिक कार्यक्रम के प्रति रुचि जगाना। 3 ^० जीवन मूल्यों को अपनाएंगे ।	जिंगल (देते हुए स्वच्छता के महत्व को समझेंगे।)		सहभागिता विषय. नैतिक शिक्षा विज्ञान	स्लोगन लिखना।
विषय - पाठ - 16 <					

Patterns, Shapes and Designs	numbers using given digits.		<ul style="list-style-type: none"> Explanatory Experiential 	<ul style="list-style-type: none"> Rubric for project 	<ul style="list-style-type: none"> Creative thinking Critical thinking 	3D(Bihar) Designing a folder using Madhuba ni art
No. of periods: 5 Month April	Students will be able to <ul style="list-style-type: none"> Identify repeated 	<ul style="list-style-type: none"> Peer 	Activities Making a folder		Subject involved: <ul style="list-style-type: none"> Creative Arts 	
Topic : Roman Numerals No. of Periods: 5 Month: June	units in a geometrical patterns and explain features of unit.	Assessment <ul style="list-style-type: none"> Notebook Extra questions 	Approaches <ul style="list-style-type: none"> Explanatory Experiential 	<ul style="list-style-type: none"> Peer assessme nt sheet 	Life skill: <ul style="list-style-type: none"> Creative Thinking Critical thinking 	3D Roman numeral symbols using ice- cream sticks.
Topic: Addition and Subtraction Sub Topic: <ul style="list-style-type: none"> Simple Addition and Subtraction *addition with Carrying Subtraction with Borrowing 	Students will be able to <ul style="list-style-type: none"> Arrange Roman symbols according to the rules. Write Hindu – Arabic Numerals in Roman Numerals and vice versa. Arrange Roman Numerals in ascending and descending orders. 	<ul style="list-style-type: none"> Notebook Checklist Extra questions Jingles 	Activities Making symbols of Roman Numerals using ice-cream sticks. Approaches <ul style="list-style-type: none"> Explanatory Deductive Story telling 	<ul style="list-style-type: none"> Sample of checklist 	Life skill: <ul style="list-style-type: none"> Creative thinking Critical thinking 	
No. of Periods: 10 Month: June and July Topic:	Students will be able to <ul style="list-style-type: none"> Add and subtract numbers in vertical algorithm. 		Activities <ul style="list-style-type: none"> Peer Assessing Problem Solving 		Subject involved: <ul style="list-style-type: none"> Creative Arts 	
Multiplication Sub Topic: <ul style="list-style-type: none"> Simple Multiplicati on 	<ul style="list-style-type: none"> Analyse and apply an appropriate situation. Add and subtract vertical algorithm with re-grouping 	<ul style="list-style-type: none"> Notebook Checklist Extra questions 	Approaches	<ul style="list-style-type: none"> Sample of Checklist 	Life skill: <ul style="list-style-type: none"> Creative thinking 	

<ul style="list-style-type: none"> • Multiplication with Re-grouping No. of Periods: 10 Month: July	<ul style="list-style-type: none"> • Solve daily life problems using addition and subtraction. 	<ul style="list-style-type: none"> • Jingles 	<ul style="list-style-type: none"> • Explanatory • Inductive Activities <ul style="list-style-type: none"> • Problem Solving 		<ul style="list-style-type: none"> • Critical thinking • Value based • Life • experience 	
Topic: Division Sub Topic: <ul style="list-style-type: none"> • Long Division • Division Facts No. of Periods: 10 Month: July	Students will be able to <ul style="list-style-type: none"> • Demonstrate multiplication as repeated addition • Apply multiplication in day to day life • Recalls and uses multiplication tables to solve problems 	<ul style="list-style-type: none"> • Notebook • Peer assessment • Extra questions 	Approaches: <ul style="list-style-type: none"> • Explanatory • Experiential Activities: <ul style="list-style-type: none"> • Peer Assessing • Problem solving 	<ul style="list-style-type: none"> • Peer assessment sheet 	Subject involved: Creative Arts Life Skill: <ul style="list-style-type: none"> • Value based • Creative thinking • Critical thinking • Life experience 	2D Draw factor tree
Topic: Factors and Multiples Sub Topic: <ul style="list-style-type: none"> • Multiples • Factors • Divisibility Test • Prime and Composite Numbers • Factorization No. of Periods: 12 Month : August	<ul style="list-style-type: none"> • Multiply numbers with re-grouping. Students will be able to <ul style="list-style-type: none"> • Determine that division is dividing objects into equal groups. • Identify the division facts by equal sharing and finds it by repeated subtraction. • Solve simple real life problems involving division (with and without remainder). 	<ul style="list-style-type: none"> • Notebook • Checklist • Extra Questions 	Approaches: <ul style="list-style-type: none"> • Explanatory • Deductive Activities: <ul style="list-style-type: none"> • Designing Factor Tree • Problem solving 	<ul style="list-style-type: none"> • Checklist • Sample of concept map 	Subject Involved: Creative Arts Life Skill: <ul style="list-style-type: none"> • Creative thinking • Critical thinking Subject Involved: <ul style="list-style-type: none"> • Creative Arts • Computer 	

	<ul style="list-style-type: none"> Divide a number by using inter-relationship between division and multiplication. 					Draw 2D and 3D figures
Topic: Lines and Shapes Sub Topic: <ul style="list-style-type: none"> Polygons Circle Part of Circle No. of periods: 8 Month: September	Students will be able to <ul style="list-style-type: none"> Identify and define multiples of a number. Solve simple problems based on multiples of numbers. Find out common multiples of given numbers. Find factors using factor tree and solve contextual numbers related to it. Identify common factors of given numbers. Aware with divisibility rules. Differentiate between prime and composite numbers. Apply prime factorization 	<ul style="list-style-type: none"> Notebook Peer assessment sheet Concept map 	Approaches: <ul style="list-style-type: none"> Behavioural Collaborative Activities: <ul style="list-style-type: none"> Peer assessing Making of concept concept map 	<ul style="list-style-type: none"> Peer assessment sheet Sample of concept map 	Life Skill: <ul style="list-style-type: none"> Creative thinking Critical thinking Subject Involved: <ul style="list-style-type: none"> Creative Arts Computer 	

	<p>method to find factors.</p> <p>Students will be able to</p> <ul style="list-style-type: none"> • Classify types of lines. • Identify different types of polygons. • Construct circles of varied sizes with different radii. • Measures radii of circles with the help of a ruler/ measuring tape/ thread. • Identify the centre, radius, diameter and chords of circle. • Find the radius and diameter of the circle. 					
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Term II

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						

Topic : Fractions Sub Topic: <ul style="list-style-type: none"> Fractions in collections No. of Periods: 6 Month: October	Students will be able to <ul style="list-style-type: none"> Identify half, one-third, one-fourths and three-fourths of a whole in a given picture by paper folding and also in a collection of object. Find fractional part of a given natural number. Solve real life problem based on fractions. 	<ul style="list-style-type: none"> Notebook Reflection sheet Extra questions 	Approaches <ul style="list-style-type: none"> Explanatory Experiential Behavioural Activities: <ul style="list-style-type: none"> presenting Problem Solving 	<ul style="list-style-type: none"> Sample of checklist 	Life skill: <ul style="list-style-type: none"> Value based Creative thinking Subject involved <ul style="list-style-type: none"> Creative Arts 	Culinary Art Fraction art
Topic: Decimal Fractions No. of Periods: 10 Month: October Topic: Unitary Method No. of periods: 4 Month: November	<ul style="list-style-type: none"> Differentiate between like and unlike, proper and improper fractions. Write equivalent fraction, compare fractions. Students will be able to <ul style="list-style-type: none"> Represent decimals on place value chart. Convert fractions into decimal fractions and vice versa. Solve daily life problems. 	<ul style="list-style-type: none"> Notebook checklist Extra questions 	Approaches <ul style="list-style-type: none"> Explanatory Deductive Approaches: <ul style="list-style-type: none"> Explanatory Inductive Story Telling 	<ul style="list-style-type: none"> Sample of checklist 	Life skill: <ul style="list-style-type: none"> Creative Thinking Subject involved: <ul style="list-style-type: none"> Creative Arts 	
Topic: Time Sub Topic: <ul style="list-style-type: none"> Conversion of Time No. of Periods: 10 Month: December	Students will be able to <ul style="list-style-type: none"> Analyse unitary operation (division) 	<ul style="list-style-type: none"> Notebook Rubrics Peer Assessment 	Approaches <ul style="list-style-type: none"> Explanatory Experiential Activities:	<ul style="list-style-type: none"> Sample of concept map 	<ul style="list-style-type: none"> Problem solving Subject involved: <ul style="list-style-type: none"> Creative Art Life skill:	3D

Topic: Measurements Sub Topic: <ul style="list-style-type: none"> Length Mass Capacity Conversion of Measurements Addition and Subtraction Multiplication and Division No. of Periods: 10 Month: December	<ul style="list-style-type: none"> Solve real life problems <p>Students will be able to</p> <ul style="list-style-type: none"> Read the time a clock in hours and minutes and express time in a.m. and p.m. Calculate time intervals. Convert time in different units . 	<ul style="list-style-type: none"> Extra questions <ul style="list-style-type: none"> Notebook Peer Assessment sheet Extra questions Rubrics for project 	<ul style="list-style-type: none"> Designing a clock <p>Approaches</p> <ul style="list-style-type: none"> Explanatory Experiential demonstrate <p>Activities</p> <ul style="list-style-type: none"> peer Assessing problem solving 	<ul style="list-style-type: none"> Peer assessment sheet Rubrics <ul style="list-style-type: none"> Rubric for project Peer Assessment sheet 	<ul style="list-style-type: none"> Creative thinking Value of time Life experience <p>Subject involved: Creative Arts</p> <p>Life Skill:</p> <ul style="list-style-type: none"> Creative thinking Critical thinking Life experience 	Model of 12 hour clock Sports 100metre relay race
Topic: Perimeter and Area Sub Topic: <ul style="list-style-type: none"> Perimeter Area No. of periods: 14 Month: December and January	<p>Students will be able to</p> <ul style="list-style-type: none"> Identify and analyse to measure length, mass and capacity. Convert larger units to smaller units and vice versa. Add and subtract units of length, mass and capacity. Relate different units of length, mass and capacity. Multiply and divide units of measurements. Solve simple real life problems 	<ul style="list-style-type: none"> Notebook checklist 	<p>Approaches</p> <ul style="list-style-type: none"> Explanatory Demonstrate Story telling Inductive <p>Activities</p> <ul style="list-style-type: none"> Field work 	<ul style="list-style-type: none"> Sample of checklist 	<p>Subject Involved:</p> <ul style="list-style-type: none"> Creative Arts Physical education <p>Life skill:</p> <ul style="list-style-type: none"> Real life experience <p>Subject involved</p>	

<p>Topic: Data and Charts</p> <p>Sub Topic:</p> <ul style="list-style-type: none">• Pictograph• Tally Marks <p>No. of Periods: 5</p> <p>Month: January</p>	<p>related to measurements</p> <p>Students will be able to</p> <ul style="list-style-type: none">• Recognize the total length of boundary as the perimeter.• Estimate and compare the perimeter of various figures.• Solve real life problems involving perimeter of simple shapes.• Determine the size of shape by using a smaller shape as unit.• Determine the size of simple geometrical shapes and irregular figures given on square grid.• Solve real life problems based on the area of plane figures. <p>Students will be able to</p>	<ul style="list-style-type: none">• Notebook• Reflection sheet	<p>Approaches:</p> <ul style="list-style-type: none">• Explanatory• demonstrate• Experiential	<ul style="list-style-type: none">• Sample of checklist	<ul style="list-style-type: none">• Physical Education <p>Life skill:</p> <ul style="list-style-type: none">• Creative thinking <p>Subject involved</p> <ul style="list-style-type: none">• Physical Education• Science	
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	<ul style="list-style-type: none"> • Collect and record data in a tabular form. • Record and interpret data using tally marks. • Plot data in a bar graph and interpret various bar graphs. • Collect data related to various daily life situations. 					
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Subject: Science

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						

<p>*Types of sound</p> <p>No of periods: 5</p> <p>Month: June</p> <p>Topic: Ch 3 Life and Survival of Animals</p> <p>Sub-topic: *Adaptation for Food *Adaptation to Habitat *Adaptation for protection</p> <p>No. of periods: 10</p> <p>Month: July</p>	<p>translucent and opaque</p> <p>*Identify the different types of sound</p> <p>The students will be able to-</p> <p>*Define habitat, adaptation etc.</p> <p>*Categorize animals on the basis of their habitat</p> <p>*State adaptation in animals that help them to eat</p> <p>*Explain various adaptations in animals that protect them from their enemies</p> <p>The students will be able to-</p> <p>*Recognize different kinds of teeth</p>	Concept map	<p>Activities: Researching</p> <p>Strategies: Explanatory method Interactive method Project method</p> <p>Activities: Making Portfolio</p>	Sample of concept map	<p>Learning</p> <p>Subject involved: Maths, English, G.K</p> <p>21st century skills Creative skill Learning skill Communication skill Critical Thinking Initiative and self-direction</p> <p>Subject involved: Eng. G.K, S.St</p>	<p>Performing Art: (State animal of Bihar)</p>
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<p>Ch 5 Teeth and Microbes</p> <p>Sub topics:</p> <ul style="list-style-type: none"> *Different kinds of teeth *Parts of tooth *Microbes <p>No. of periods: 8</p> <p>Month: July</p>	<ul style="list-style-type: none"> *Explain the different parts of a tooth *Memorize the name of different kinds of teeth *List tips to keep teeth and gums healthy *Differentiate between useful and harmful microbes <p>The students will be able to-</p> <ul style="list-style-type: none"> *Define Environment, pollution etc. *List the various types and effects of pollution *Compare various types of waste 	<p>Note book</p> <p>Checklist</p>	<p>Strategies:</p> <p>Explanatory method</p> <p>Deductive method</p> <p>Interactive method</p> <p>Activities:</p> <p>Designing advertisement using multiple medium</p>	<p>Rubrics for advertisement</p>	<p>21st century skills:</p> <p>Critical Thinking</p> <p>Leadership and Responsibility</p> <p>Initiative and Self-Direction</p> <p>Subject involved</p> <p>English, maths</p>	<p>Performing art</p> <p>(Advertisement of toothpastes and tooth brushes available in the market)</p>
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<p>Ch:7 Environment</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> *Pollution and its types *Waste and its types *Prevention of pollution <p>No. of periods: 8</p> <p>Month: August</p>	<p>*Suggest ways to reduce waste and pollution</p> <p>The students will be able to-</p> <ul style="list-style-type: none"> *Define soil erosion, crops, afforestation, crop rotation etc. *Explain causes and effects of soil erosion *Explore the importance of manure and fertilizers *Suggest various ways of soil conservation 	<p>*Rubrics for project</p> <p>*Peer Assessment Sheet</p>	<p>Strategies:</p> <p>Reflective inquiry based</p> <p>Collaborative</p> <p>Experiential learning</p> <p>Project</p> <p>Activities:</p> <p>Researching</p> <p>Peer assessing</p>	<p>*Rubrics for project</p> <p>*Peer Assessment sheet</p>	<p>21st century skills:</p> <p>Critical Thinking</p> <p>Collaborative Skill</p> <p>Communication Skill</p> <p>Learning skill</p> <p>Subject involved:</p> <p>Social science, English</p>	<p>3D Model</p> <p>Garbage bins (to understand biodegradable and non- biodegradable substances)</p>
<p>Ch: 11</p> <p>Soil Erosion</p> <p>Sub-topics:</p>			<p>Strategies:</p>	<p>Sample of checklist</p> <p>Sample of web map</p>	<p>21st century skills:</p> <p>Critical Thinking</p>	<p>Performing Art</p> <p>(Main crops of Bihar)</p>

<p>*Soil erosion-effects and causes</p> <p>*Soil conservation</p> <p>No. of periods: 5</p> <p>Month: August</p>	<p>The students will be able to-</p> <p>*Identify the parts of leaf</p> <p>*Explain about the preparation and storage of food in plants</p> <p>*Recognize some interesting plants</p> <p>*Diagrammatically represent the structure of leaf</p> <p>The students will be able to-</p> <p>*Define</p> <p>*List the planets of our solar system</p> <p>*Explain the movements of earth</p>	<p>Note book</p> <p>Check list</p> <p>Web Map</p>	<p>Demonstrative method</p> <p>Explanatory method</p> <p>Interactive method</p> <p>Activities:</p> <p>Presenting</p>		<p>Communication skill</p> <p>Leadership and Responsibility skill</p> <p>Subject involved:</p> <p>Social science, English, G.K</p>	<p>Visual 2D</p> <p>(collage of various trees)</p>
<p>Ch: 2 Food Factory</p> <p>Sub-topics:</p>						

<p>*Parts of leaf</p> <p>*Photosynthesis</p> <p>*Storage of food in plants</p> <p>No of periods: 8</p> <p>Month: October</p>	<p>*Distinguish between revolution and rotation</p> <p>The students will be able to-</p> <p>*Define</p> <p>*Differentiate between mammals and egg laying animals</p> <p>*Diagrammatically represent the structure of an egg</p> <p>*Explore different stages of life cycle of animals</p>	<p>Note book</p> <p>Check list</p> <p>Peer assessment sheet</p>	<p>Strategies:</p> <p>Reflective inquiry based</p> <p>Explanatory method</p> <p>Interactive method</p> <p>Demonstrative method</p> <p>Activities:</p> <p>Peer assessing</p> <p>Presenting</p>	<p>Sample of Peer Assessment sheet</p> <p>Rubrics for Note book</p>	<p>21st century skills:</p> <p>Critical Thinking</p> <p>Creative skill</p> <p>Learning skill</p> <p>Communication skill</p> <p>Subject involved:</p> <p>Social science, Maths, G.K</p>	<p>Performing Art</p> <p>Video</p> <p>(solar system)</p>
<p>Ch: 8 Our Solar System</p> <p>*Planets of solar system</p> <p>*Our planet Earth</p> <p>*Movements of Earth</p> <p>No. of periods:</p> <p>6</p> <p>Month: October</p>	<p>The students will be able to-</p> <p>*Explain about various types of nutrients</p>	<p>Rubrics for project</p> <p>Note book</p> <p>Check list</p>	<p>Strategies:</p> <p>Collaborative method</p> <p>Experiential learning</p> <p>Interactive method</p>	<p>Sample of checklist</p>	<p>21st century skills:</p> <p>Critical Thinking</p> <p>Collaborative skill</p> <p>Communication skill</p> <p>Creative skill</p> <p>Subject involved:</p>	

<p>Ch4</p> <p>Reproduction in animals</p> <p>*Structure of an egg</p> <p>*Life cycle of animals</p> <p>No. of periods: 6</p> <p>Month: November</p>	<p>*Identify the parts of digestive system</p> <p>*List good eating habits</p> <p>*Illustrate the process of digestion of food</p> <p>The students will be able to-</p> <p>*Identify hot and cold air</p> <p>*Explain the formation of air current</p> <p>*Differentiate between land and sea breeze</p>	Reflection sheet	<p>Activities:</p> <p>Researching</p> <p>Presenting</p> <p>Strategies:</p> <p>Explanatory method</p> <p>Project method</p> <p>Reflective inquiry based</p> <p>Activities:</p> <p>Presenting</p>	Rubrics for project	<p>Social science, Maths</p> <p>21st century skills</p> <p>Critical Thinking</p> <p>Speaking skill</p> <p>Collaborative skill</p> <p>Initiative and self-Direction skill</p> <p>Subject involved: English, G.K</p>	<p>Visual 3D</p> <p>(Model of life cycle of animals using clay)</p> <p>Culinary Art (Traditional food of Bihar)</p>
<p>Ch 6 Food and Digestion</p> <p>Sb-topics:</p> <p>*Types of nutrients</p>	<p>*List the factors affecting evaporation</p> <p>*Explore various forms of</p>					

<p>*Digestion of food</p> <p>*Good eating habits</p> <p>No. of periods: 6</p> <p>Month: November</p> <p>Topic: Ch 9</p> <p>Air and Water</p> <p>Sub-topic: Weather</p> <p>Formation of air current</p> <p>Condensation and evaporation</p> <p>No. of periods: 6</p> <p>Month: December</p>	<p>precipitation due to condensation</p> <p>The students will be able to-</p> <p>*Define solute, solvent, solution</p> <p>*Explain and compare three states of matter</p> <p>*Demonstrate physical and chemical change</p> <p>*Identify different types of solution</p> <p>The students will be able to-</p> <p>*Define force, work, energy, simple machine</p> <p>*List its effects and identify</p>	<p>Reflection sheet</p> <p>Note book</p>	<p>Strategies:</p> <p>Explanatory method</p> <p>Interactive method</p> <p>Reflective inquiry based</p> <p>Experiential Learning</p> <p>Activities:</p> <p>Researching</p>	<p>Rubrics for note book</p>	<p>21st century skills:</p> <p>Critical Thinking</p> <p>Learning skill</p> <p>Leadership and Responsibility skill</p> <p>Subject involved:</p> <p>Social science, English, G.K</p>	<p>Visual 2D</p> <p>(Traditional games of Bihar)</p> <p>21st century skills:</p> <p>Critical Thinking</p> <p>Learning skill</p> <p>Communication Skill</p> <p>Subject involved:</p>
		<p>Rubrics for experiment</p> <p>Web map</p> <p>Note book</p>	<p>Strategies:</p> <p>Interactive method</p> <p>Demonstration method</p>	<p>Rubrics of Experiment</p>		

<p>Topic: Ch 10</p> <p>Sub-topics:</p> <p>*States of matter</p> <p>*Physical and chemical change</p> <p>*Solution</p> <p>No. of periods: 10</p> <p>Month: January</p> <p>Topic: Ch 13</p>	<p>various types of force</p> <p>*State the types and uses of machines</p> <p>*Explore different types of energy</p>	<p>Note book</p> <p>Rubrics for experiment</p>	<p>Explanatory method</p> <p>Activities:</p> <p>Making of concept map</p> <p>Strategies:</p> <p>Reflective inquiry based</p> <p>Demonstrative method</p> <p>Explanatory method</p> <p>Interactive method</p>	<p>Rubrics for experiment</p> <p>Sample of checklist</p>	<p>English , Social Science, G.K</p> <p>21st century skills:</p> <p>Critical Thinking</p> <p>Communication skill</p> <p>Demonstrative skill</p> <p>Sub involved: English, Arts</p>	<p>Visual 2D</p> <p>(experiment showing physical and chemical change)</p>
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<p>Force, Work and Energy</p> <p>Sub-topics:</p> <p>*Force</p> <p>*Energy</p> <p>*Simple machines</p> <p>No. of periods: 8</p> <p>Month: January</p>			<p>Activities:</p> <p>Presenting</p> <p>Peer Assessing</p>			<p>Visual</p> <p>Experiential learning(showing frictional force)</p>
		<p>Note book</p> <p>Reflection sheet</p>	<p>Strategies:</p> <p>Experiential learning</p> <p>Collaborative method</p> <p>Explanatory method</p> <p>Activities:</p> <p>Presenting</p>	Rubrics for note book	<p>21st century skills:</p> <p>Critical thinking</p> <p>Leadership and Responsibility skill</p> <p>Collaborative skill</p> <p>Sub involved:</p> <p>Physical Education, Arts</p>	

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Subject: Social Science

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						

<p>Topic: Chapter - 1 Looking at our world</p> <p>Sub-topics :</p> <ul style="list-style-type: none"> •Globes •Maps <p>No. of Periods:5</p> <p>Month:April</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> •identify globe and map •define •differentiate between globe and map. •discuss the advantages and disadvantages of globes and maps. 	<ul style="list-style-type: none"> •Note book •Worksheet on conventional symbols. 	<p>Approach:</p> <ul style="list-style-type: none"> •Demonstrative •Explanatory <p>Activities and Strategies</p> <ul style="list-style-type: none"> •Making of Concept maps •Peer Assessing 	<ul style="list-style-type: none"> •Rubric for Project •Sample of Worksheets 	<p>Skills</p> <ul style="list-style-type: none"> •Analytical Skill •Drafting Skill <p>Subjects Involved</p> <ul style="list-style-type: none"> •Arts •English •G.K <p>Skills:</p> <ul style="list-style-type: none"> •Collaborative •Critical •learning •Speaking <p>Subjects Involved</p> <ul style="list-style-type: none"> •English •Maths •G.K 	<ul style="list-style-type: none"> •Visual Drawing of conventional symbols
<p>Topic Chapter -2 Incredible India</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> •Location of India •Political division of India •Physical division of India <p>No. of Periods: 8</p> <p>Month: April</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> •locate and label the location of India. •know the size of India. •list 28 states and their capital also territories and their capital. •identify different landforms. •distinguish between political and physical map 	<ul style="list-style-type: none"> •Map Work •Peer Assessment Sheet •Concept Map 	<p>Approach:</p> <ul style="list-style-type: none"> •Deductive •Reflective Inquiry •Collaborative <p>Activities and Strategies</p> <ul style="list-style-type: none"> •Presenting •Peer Assessing •Making Portfolio 	<ul style="list-style-type: none"> •Peer Assessment Sheet 	<p>Skills:</p> <ul style="list-style-type: none"> •Collaborative •Critical •learning •Speaking <p>Subjects Involved</p> <ul style="list-style-type: none"> •English •Maths •G.K 	<ul style="list-style-type: none"> •Visual (Pasting of map) •Games(begin with alphabet) •Performing Art(dressed up different states)
<p>Topic: Chapter -3 The Northern Mountains</p> <p>Sub-topics:</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> •locate and label the northern mountains. •differentiate between 	<ul style="list-style-type: none"> •Notebook •Concept Map •Checklist 	<p>Approach:</p> <ul style="list-style-type: none"> •Demonstrative •Explanation •Inductive 	<ul style="list-style-type: none"> •Note book •Rubric for Project •Sample of Check list 	<p>Skills:</p> <ul style="list-style-type: none"> •Reading •Speaking •Collaborative •Critical 	

[illegible]

<p>Month : July</p> <p>Topic : Chapter - 11 Our Water Resources</p> <p>Sub-topics •Sources Of Water •Irrigation In India •Conservation Of Water</p> <p>No. Of Period : 5</p> <p>Month : July</p> <p>Topic: Chapter -15 People Who Touched Our Lives</p> <p>Sub-topics •Religions And Religious Teachers •Social Reformers •Rulers •Scientists</p>	<p>Student will be able to</p> <ul style="list-style-type: none"> •define •identify the different sources of water. •discuss various method of irrigation. • list various multipurpose project in India. •explain the ways of conservation of water. <p>Students will be able to</p> <ul style="list-style-type: none"> • define •describe the religions followed in our country. •discuss about region and religious teacher. •list and describe the work done by some famous rulers of India. •identify famous Indian scientist and their contributions. 	<ul style="list-style-type: none"> •Note book •Checklist <ul style="list-style-type: none"> •Note Book •Concept Map 	<p>Approach :</p> <ul style="list-style-type: none"> •Explanatory •Demonstrative •Interactive <p>Activities and Strategies</p> <ul style="list-style-type: none"> •Presenting <p>Approach: Exclamatory Interactive Activities and Strategies</p> <ul style="list-style-type: none"> •Making of Concept Map 	<ul style="list-style-type: none"> •Sample of Checklist •Note book <p>Sample Of Concept Map</p>	<p>Skills:</p> <ul style="list-style-type: none"> •Collaborative •Leadership •Creative •Critical <p>Subject Involved</p> <ul style="list-style-type: none"> •English •Science •G.K <p>Value-??</p> <p>Value - We must respect all the religions and live in harmony.</p> <p>Skills: Critical Thinking Learning Creative Thinking Researching</p> <p>Subject Involved</p>	<p>Visual (poster showing water conservation and irrigation)</p> <p>•Visual(Paste picture of social reformers Rulers and Scientists)</p>
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<p>No. of Periods: 10</p> <p>Month : October</p> <p>Topic Chapter - 7</p> <p>The Coastal Plains And Island</p> <p>Sub-topics •Eastern Coastal Plains •Western Coastal Plains •The Islands</p> <p>No. of Periods 12</p> <p>Month : October</p> <p>Topic Chapter - 9</p> <p>Our Natural Resources</p>	<p>Student will be able to</p> <ul style="list-style-type: none"> • define •explore the expanse of Eastern and Western Coastal Plains • locate and label the coastal plains along with its division on the physical map of India. •locate and label the Islands of lands of India on the physical map of India. •describe the life of the people living in Eastern and Western Coastal Plains as well as the Islands . <p>Student will be able to</p> <ul style="list-style-type: none"> •define resources •distinguish between renewable and 	<ul style="list-style-type: none"> •Note Book •Portfolio •Concept of Coastal Plains 	<p>Activities and Strategies</p> <ul style="list-style-type: none"> •Making of Concept Map <p>Approach:</p> <ul style="list-style-type: none"> •Demonstrative •Explanatory •Interactive <p>Activities and Strategies:</p> <ul style="list-style-type: none"> • Making Portfolio •Making of Concept Map 	<ul style="list-style-type: none"> •Sample Of Concept Map • Note Book 	<p>Value -We should not spoil the natural beauty of beaches because it is the source of tourism.</p> <p>Skills: •Critical Thinking •Creative Thinking</p> <p>Subject Involved •English •Maths •G.K</p> <p>Value -empathy conserving natural resources for future generation.</p> <p>Skills: •Critical Thinking •Creative Thinking</p>	<p>Visual (drawing of Lakshadweep Island showing coral reef)</p>
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<p>Our Forests And Wildlife Resources</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> •Forest a As A Resources •Types Of Forest •Saving Our Forest •Wildlife Resources <p>No. Of Periods: 6</p> <p>Month: November</p> <p>Topic: Chapter -18 Our Rich Heritage</p> <p>Sub-topics</p> <ul style="list-style-type: none"> •Language and traditional clothes of India •Festivals we celebrate •Dance music and architecture of India <p>No. Of periods : 6</p>	<ul style="list-style-type: none"> •suggest various method to save forests •locate and label the National parks and the wildlife sanctuaries on the political map of India. <p>Student will be able to</p> <ul style="list-style-type: none"> •define •identify Indian culture. •explain the architectural achievements of India. 	<ul style="list-style-type: none"> •Portfolio •Note Book 	<p>Approach: Exclamatory Demonstrative Interactive</p> <p>Activities and Strategies:</p> <ul style="list-style-type: none"> •Presenting •Researching 	<ul style="list-style-type: none"> •Rubrics for project 	<p>Value -to preserve our rich heritage.</p> <p>Skills</p> <ul style="list-style-type: none"> •Critical Thinking •Creative Thinking •Learning <p>Subjects Involved</p> <ul style="list-style-type: none"> •English •G.K <p>Skills:</p> <ul style="list-style-type: none"> •Critical Thinking 	<p>Visual(locate and label the given national parks and stick the pictures of animals found their)</p> <p>Visual(Madhubani painting on musical instrument or house)</p> <ul style="list-style-type: none"> •Madhubani painting
		<ul style="list-style-type: none"> •Rubrics project •Note Book 	<p>Approach:</p> <ul style="list-style-type: none"> •Explimentary •Interactive <p>Activities and Strategies</p>	<ul style="list-style-type: none"> •Rubrics for project 		

<p>Month : December</p> <p>Topic: Chapter - 19 Our National Symbols</p> <p>Sub-topics Our national symbols of India.</p> <p>No. of Periods 5</p> <p>Month: December</p> <p>Topic: Chapter - 21 Local Self Government</p> <p>Sub- topics Structure of Government Local Self Government</p> <p>No. of Periods 6</p> <p>Month - :January</p>	<p>Student will be able to</p> <ul style="list-style-type: none"> •list the national symbols •describe national symbols •diagrammatic representation of national symbols <p>Student will be able to</p> <ul style="list-style-type: none"> •define •construct hierarchy of government •discuss and explain the functions of gram panchayat and urban local bodies 	<ul style="list-style-type: none"> •Portfolio •Note Book <ul style="list-style-type: none"> •Note Book Checklist 	<ul style="list-style-type: none"> •Presenting •Researching <p>Approach:</p> <ul style="list-style-type: none"> •Interactive •Explanatory •Demonstrative <p>Activities and Strategies:</p> <ul style="list-style-type: none"> •Making portfolio 	<ul style="list-style-type: none"> •Rubrics fro project •Sample of checklist 	<ul style="list-style-type: none"> •Creative Thinking •Learning •Diagrammatic <p>Subject Involved</p> <ul style="list-style-type: none"> •English •G.K <p>Value -We should take proper privilege of citizen amenity provide by the government.</p> <ul style="list-style-type: none"> •Skills •Creative Thinking •Critical Thinking •Leadership •Collaborative <p>Subject involved</p> <ul style="list-style-type: none"> •English •Maths •G.K 	<p>Visual(drawing of national symbols)</p> <p>Performing art(role play on election)</p>
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			Approach: <ul style="list-style-type: none"> •Interactive •Explanatory •Demonstrative •Experiential Activities and Strategies <ul style="list-style-type: none"> •Making Checklist 			
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Subjects: Computer

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
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<p>Topic: CHAPTER-1 Computer Devices, Memory and Storage</p> <p>Sub-topics: 1) Input / Output Devices 2) Primary & Secondary Memory 3) Processing & Storage Devices 4) Application of computers</p> <p>No. of Periods: 8</p> <p>Month: April + June</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Identify the names and features of different kinds of input and output devices. Explain how the major components of a CPU work together, including how data is represented on a computer. Explain the types of computer memories, and their abstractions on modern computer systems. List important applications of computers. Differentiate data and information 	<p>Concept Map to define classification of Internal & External Memory, Primary and Secondary Storage Devices</p>	<p>Approach: Explanation Demonstration Experiential Collaborative</p> <p>Activity: Collect pictures of a CPU box and 2 storage devices. Paste them perform these tasks in your Notebook.</p>	<p>Sample of Concept map</p>	<p>Life skills: *Memorizing skill *Logical thinking skill * Analyze different types of Memory and Storage devices using Critical thinking.</p> <p>Subject: Science</p>	<p>Role play on the given topic and identify whether it's Hardware. Software and storage device.</p>
<p>Topic: CHAPTER-2 Knowing Windows</p> <p>Sub-topics: 1)Versions of Windows 2)Selection and File Operations 3) Windows Taskbar 4) Accessories</p> <p>No. of Periods: 8</p> <p>Month: July</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Define MS Windows. List various versions of Windows. Work with the Windows desktop, taskbar, menus, icons, toolbars and buttons. Define file and folder. Create, Open, rename, move, copy and delete a file or folder. Perform various tasks in standard applications of Accessories.. 	<p>Peer Assessment (Practical Activity)</p>	<p>Approach: Explanation Demonstration Experiential Collaborative</p> <p>Activity: • Create a Folder by School Name and try to move it in my computer.</p>	<p>Peer Assessment (Practical Activity)</p>	<p>Life skills: * Organizing *Managing *Communicating</p> <p>Subject: Science</p>	<p>Present a folder organization using computer drive.</p>

Topic: CHAPTER-3 More on Ms Word Sub-topics: 1) To Select and Edit the text in Ms Word 2) To format the text 3) To create lists 4) Shortcut keys and Printing No. of Periods:8 Month: August	Students will be able to: <ul style="list-style-type: none"> ● Define MS Windows. ● List various versions of Windows. ● Work with the Windows desktop, taskbar, menus, icons, toolbars and buttons. ● Define file and folder. ● Create, Open, rename, move, copy and delete a file or folder. ● Perform various tasks in standard applications of Accessories. 	Peer Assessment (Practical Activity)	Approach: Explanation Demonstration Experiential Activity: <ul style="list-style-type: none"> ● Open Ms Word. Type three lines about your school. Apply Bold, Italics and Underline features on it. With different font colour and highlighter. 	Peer Assessment (Practical Activity)	Life skills: <ul style="list-style-type: none"> * Creativity * Organizing * Arranging Subject : Art & Craft + Maths	Visit your computer lab and type a paragraph on a topic 'Culture of Bihar' in different font , colour and size . Also insert a table and display any 5 states of India and their capitals.
Topic: CHAPTER-5 Basics of Ms PowerPoint 1)Different elements of PowerPoint screen 2) Creating a new presentation 3)Inserting and deleting a slide 4) Inserting text box, Word Art, Slide numbers in a slide. 5) Saving , Opening and closing a presentation Sub-topics: No. of Periods:8 Month: October	Students will be able to: <ul style="list-style-type: none"> ● Define 'MS PowerPoint' and presentation. ● Examine slide show presentation concepts and explore the Microsoft Office PowerPoint environment. ● Recognize various screen elements of MS PowerPoint. ● Use different ways to create a new presentation. ● Apply this knowledge in real life Add new slides to a presentation. ● Understand how to insert text, clipart, 	Peer Assessment (Practical Activity)	Approach: <ul style="list-style-type: none"> ❖ Demonstration ❖ Experiential ❖ Explanation Activity: Make a presentation on the topic 'Independence Day' Collect from internet and make a project file.	Peer Assessment (Practical Activity)	Life skills: <ul style="list-style-type: none"> *Memorizing skill *Logical thinking skill Subject : Science + Art & craft	You are assigned the charge of co-curricular activities in your school. Design a small PowerPoint presentation on these activities. Use your creative sense to Design a PPT, also save it by your name.

	<p>images and shapes to slides.</p> <ul style="list-style-type: none"> • Understand how to close, open and save a presentation. 					
<p>Topic: CHAPTER-4 More on Internet Sub- topics: 1) Definitions of Internet terms. 2) Using search engine for , Opening a website in web browser 3) Identification and use of various buttons present on the toolbar 4) Recognizing the various components in Internet Explorer</p> <p>No. of Periods:8</p> <p>Month: November</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Define important Internet terms. • Understand how to search effectively for information on the Internet, including search options, strategies, and how to properly site Internet resources. • Use Microsoft Internet Explorer to open any website. • List several useful things that can be done using the Internet, in addition to basic browsing and email. 	Sample of Concept map	<p>Approach:</p> <ul style="list-style-type: none"> ❖ Explanation ❖ Demonstration ❖ Experiential <p>Activity:</p> <ul style="list-style-type: none"> • Using web browser and Internet connection find out how can you search your school website and explore content from it. 	Sample of Concept map	<p>Life skills:</p> <ul style="list-style-type: none"> *Observation Skills *Logical thinking skill *Analytical Skills * Communication skill <p>Subject : English</p>	<p>Locating a Website-</p> <ul style="list-style-type: none"> • Open any web browser, • Type the address of any newspaper website in the address bar, for example www.timesofindia.com • Read any five headlines from it and share it in your class. • Click on different links present on the webpage, explore different button present on toolbar.
<p>Topic: CHAPTER-7 Ai and Robotics Sub-topics: 1)Introduction to Robotics 2) Characteristics of Robotics 3)Role of AI in Robotics</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Know Human–AI Interaction • Learn AI Solutions & Applications • Know AI Design & Development • Know the Functioning of AI 	Concept map of components of Artificial Intelligence.	<p>Approach:</p> <ul style="list-style-type: none"> ❖ Explanation ❖ Demonstration ❖ Experiential <p>Activity: Suppose your younger brother is very curious to know about robots and</p>	Sample of Concept map	<p>Life skills:</p> <ul style="list-style-type: none"> *Observation Skills *Logical thinking skill *Learning Skills <p>Subject : Science</p>	Make a Model of the robot in Education field.

4) Advantages / Disadvantages of AI	& Organizational Intelligence		their uses. He has no idea how a real robot looks like. Show him an educational robot on your computer system and also tell him how it helps children in studies.			
No. of Periods:8						
Month: December-January						

Class : IV

Subject : SUPW

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						

Topic :						
Colouring Fun	is	<ul style="list-style-type: none">• Identify the colour.• Name the animal and the plant.• Compare colour combination.	<ul style="list-style-type: none">• Neatness, using colours in thoughtful way.	<ul style="list-style-type: none">• Explanation	<ul style="list-style-type: none">• Mac Book	EVs
Half Drawn		<ul style="list-style-type: none">• Improve drawing and colouring skills and eye hand coordination.• Complete drawing independently without dots.• Identify and name objects by way of their	<ul style="list-style-type: none">• Neatness, accuracy.	<ul style="list-style-type: none">• Demonstration	<ul style="list-style-type: none">• Mac Book	EVs

Shape Based	<p>shape and colour name.</p> <ul style="list-style-type: none">•Draw different objects using concept of 2D And 3D figures .• Use imaginative skills and create art as per their own imagination.•Create prints using fruits and Vegetables.	<ul style="list-style-type: none">•Neatness,colours in thoughtful way	<ul style="list-style-type: none">•Explanation	<ul style="list-style-type: none">•Mac Book	Maths	
Vegetable painting	<ul style="list-style-type: none">•Use colour, Shape and Texture to design new borders.•Create an accurate and	<ul style="list-style-type: none">•Neatness, creativity.	<ul style="list-style-type: none">•Explanation	<ul style="list-style-type: none">•Mac Book	EVs	

Borders Corners	&	proportional drawing.	•Neatness, accuracy				
Bounding Box		•Develop their ability to concentrate on task .	•Follow instructions.	all	•Explanation	•Mac Book	Maths
Step by step		• Present neatly and follow the given instructions.			•Demonstration	•Mac Book	EVs and Maths
		• Select appropriate colour.					
		•Children will pay attention for movement and coordinate step by step.			•Demonstration	•Mac Book	Maths
		• Draw and colour pictures using new patterns & proper colour scheme.					
		•Create different patterns based on geometrical shapes.					

Pattern	<ul style="list-style-type: none">•Understand thumb impression method using different leaves.•Develop large and fine motor skills, eye-hand coordination, and intellectual abilities that apply to imagination.	<ul style="list-style-type: none">•Students will learn how to create different patterns.	<ul style="list-style-type: none">•Demonstration	<ul style="list-style-type: none">•Mac Book	Maths	
Thumb painting	<ul style="list-style-type: none">•Recognize emotions in the given pictures.• Use line, shape, colour and space to express emotion in a drawing.	<ul style="list-style-type: none">•Creativity,hand and eye coordination, follow all directions.	<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book		

Emoticons	<ul style="list-style-type: none">•Explore and regulate their emotions.•Develop a basic understanding of pencil shading.•Improve thinking skills and create new things.•Demonstrate earbud painting technique.	<ul style="list-style-type: none">•Neatness, accuracy.	<ul style="list-style-type: none">•Explanation	<ul style="list-style-type: none">•Mac Book	EVS	
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Sketch with pencil	•Create their own dot painting with the help of earbud .	•Follow all directions.				
	• Draw organic and geometric shapes in the appropriate sections of their painting.	•Neatness, hand eye coordination, follow all instructions.	•Demonstration	•Mac Book		
	• Determine correct proportions for figure drawing.	•Creativity , hand and eye coordination	•Demonstration	•Mac Book	EVS	
Colouring with sketch pen	• Develop their fine motor skills,to draw human figure and objects.					
Earbud Painting						

Abstract Art	<ul style="list-style-type: none">•Differentiate between primary and secondary colours.	<ul style="list-style-type: none">•Creativity, Neatness, Colour scheme.	<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book	EVS	
	<ul style="list-style-type: none">•Identify the materials, techniques, and processes used in making leaf Painting.	<ul style="list-style-type: none">•Originality of work,Perfection	<ul style="list-style-type: none">•Explanation	<ul style="list-style-type: none">•Mac Book	Maths	
Stick Drawing Character & Composition	<ul style="list-style-type: none">•Understand scraping technique and learn to scratch					

Primary and secondary colours	out outline of drawing.	•Colour mixing, Creativity, Presentation.	•Explanation	•Mac Book	Maths	
	•Improve thinking skills and create new things.					
	• Develop their fine motor skills, to draw human figure and objects.					
Leaf painting		•Leaves- print.	•Experiential	•Mac Book		
	•Experiment with a new paint tool and create sponge painting.					
		•Colour mixing.	•Experiential	•Mac Book	EVS	

Glowing outline	<ul style="list-style-type: none">•Create a Suitable composition using their creativity and imaginative skills.					
	<ul style="list-style-type: none">•Develop their ideas for craftwork through drawing .•Use of materials and tools to Create works of art or design.•Develop a sense of creativity, foster Social and emotional skills.	<ul style="list-style-type: none">•Neatness, perfection.•Children will pay attention for movement and coordinate while drawing figures.	<ul style="list-style-type: none">•Demonstration	<ul style="list-style-type: none">•Mac Book		
Semi-Realistic Character & Composition	<ul style="list-style-type: none">• Improve their imagination skills and Creativity.	<ul style="list-style-type: none">•Creativity, innovative.				

Sponge painting	<ul style="list-style-type: none"> • Learn proper paper folding technique. 	<ul style="list-style-type: none"> • Neatness, perfection, 	<ul style="list-style-type: none"> • Explanation 	<ul style="list-style-type: none"> • Mac Book 	Maths	
Cartoon Character & Composition	<ul style="list-style-type: none"> • create different forms using foil paper. • Learn handling and reshaping of foil. 	<ul style="list-style-type: none"> • Neatness, Creativity, Follows all directions. 	<ul style="list-style-type: none"> • Experiential 	<ul style="list-style-type: none"> • Mac Book 	Maths	
Pasting techniques (Sequin, matchstick, paper, cotton, IcecreamStick,)	<ul style="list-style-type: none"> • Create basic shapes using clay. • Encourages play-based learning. 		<ul style="list-style-type: none"> • Demonstration 	<ul style="list-style-type: none"> • Mac Book 		

Sandpaper Activity	<ul style="list-style-type: none">•Promotes sensory development.					
	<ul style="list-style-type: none">•Create and make Birthday Cards as gifts for people.• They Can uncover new talents, express themselves and develop valuable skills for the future.	<ul style="list-style-type: none">•Neatness, and style.•Perfection, follows all instructions.	<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book	EVS	
Origami Dog		<ul style="list-style-type: none">•Originality of work, innovative, Creativity, Perfection.	<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book	EVS	

Foil Paper Activity						
		•Creativity,use of materials, presentation.	•Experiential	•Mac Book		
Clay Modelling			•Experiential	•Mac Book	EVS	
		•Neatness, Accuracy.				
Handmade- Paper Box						

			<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book		
			<ul style="list-style-type: none">•Demonstration	<ul style="list-style-type: none">•Mac Book	EVS	

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Annual Curriculum and Pedagogical Plan

Class v

Subject : English

Term I	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: Two Little Kittens (poem) No. of Periods: 4 Month: April	. Students will be able to recite poem with appropriate expressions and intonations. . Students will be able to know about importance of sharing and caring.	Notebook.	Behavioral activities ■ Problem solving	Sample of Note book	. Speaking Skill . Listening Skill . Analytical thinking	
Topic—At the Party No of. periods : 5 Month: June	. Students will be read text with comprehension and to obey our elders.	-Notebook -Dictation	. Explanatory Method -Behavioral -Inductive method.	PEER Assessment- -Notebook	. Reading Skill . Social skill	
Topic— Outwitted No of periods- 5 Month-July	. Students will tell about their experiences related to the chapter and identify adjectives in the lesson.	-Notebook -Reading.	. Explanatory Method -Collaborative activity: - How to deal in the given situation.	Rubrics	. Reading Skill . –Social skill	
				-Notebook	Emotional skill	-Make paper

Topic-Grandpa's Spectacles poem) No. of periods-4 Month- July	. Students will be able to recite the poem with correct pronunciation and will be able to tell about how they help their grandparents at home.	-Note book -Peer Assessment - Find the Rhyming words.	. Explanatory Method . Activity-Make paper sunglasses.	Peer Assessment -Rhyming words		sunglasses
Topic – Rani Laxmibai No of periods-5 Month--August	. Students will be able to read the lesson with correct pronunciation and they will be able to know about freedom fighter(Rani Laxmibai)	-Notebook -(Quality of Rani Lamibai)	. Explanatory Method -Audio linguistic	-Notebook -	. Reading Skill . –Nationalism -Subject involved	Paste 5 pictures of freedom fighter(Bihar) k
Topic – Pret in the House No.of periods : 5 Month :September	. Students will be able to tell more horror stories	-Notebook -Reading	-Behaviorial Activity -Construct a story map(72)	-Rubric- -Notebook.	. Reading Skill . Collaborative skill	Make scary mask
Term II Topic-My Friend Sumita No of periods-5 Month-October	. Students will be able to speak on positive experience in life.	Note Book - Dictation	Explanatory Method -Discussion Method	-Peer Assessment -Notebook	. Reading Skill . Emotional skill Empathy skillll	Friendship Day Card

Topic- Poem- Drop a Pebble in the Water No of Periods- 4 Month- October	. Students will be able to identify the Rhyming words. Connect ideas that he/she inferred through reading with his/her personal experience.	-Notebook -Reading	-Direct Method -Activity Experiential Learning(through pebbles)	- Rubric(Reading)	Collaborative Skill	-Notebook- -Write kind and unkind words(pg 90)
Topic – Dr. Dolittle learns Animal Language No.of.periods :5 Month- November	. students will be able to write synonyms and antonyms	-Notebook -Checklist	Reading and Explanation -Immersion Approach	-Notebook -Checklist	-Creative Thinking Subject involved- Science	
Topic – Poem- Waiting at the Window No.of periods –4 Month- November	. Students will be able to write answers to text based question.	Portfolio	- Explanatory Method - Direct Method	Rubric	. Reading Skill - Self- awarenes s	Making Madhubani painting (animal) Bihar

Topic-Cat and Mouse in Partnership No. of Periods-5 Month-December	. Students will be able to narrate stories on Friendship.	-Reading -Dictation	Explanatory Method Presenting Method	-PEER Assessment -Notebook	-Collaborative Skill -Analytical Skill	
Topic – Poem (The Council of Mice) No. of Periods-4 Month-January	Students will be able to recite the poem with appropriate expressions.	-Flow chart) concept Map of Tenses	Explanatory Method Reading Method		-Leadership Skill -Subject involved Skill Social Skill	

शीर्षक(विषय): कालखंड की संख्या कब	सीखने के परिणाम	मूल्यांकन उपकरण	शिक्षक सीखने की रणनीतियाँ एवं गतिविधियाँ	संसाधन	अंतर अनुशासनात्मक /बहु अनुशासनात्मक	कला एकीकरण खेल एकीकरण
TERM -1class V						
विषय- पाठ -1 ' संग देश हमारा चलता है' उप विषय - कविता (व्याख्यान) समानार्थकएवर्ण विच्छेद, पर्यायवाची, संज्ञा, संज्ञा के भेद कालखंड की संख्या - मास- अप्रैल	विकसित करने की रणनीति देश के विकास में अपनी भूमिका की पहचान करना 1 ^प लय के साथ कविता वाचन करेंगे। 2 ^प देश प्रेम के महत्व को समझेंगे।	पुस्तिका जिंगल; तुकबंदी कविता रचना	श्रव्य भाषायी प्रस्तुतीकरण सहपाठी आंकलन	समकक्ष मूल्यांकन शीट 1 ^प तुकांतशब्द 2 ^प आत्मविश्वास 3 ^प उच्चारण	कौशल . रचनात्मक विकास कल्पनाशीलता का विकास सहभागिता विषय . नैतिक शिक्षा	उपवन का चित्र बनाइए
विषय- पाठ -2	सहयोगात्मक कौशल विकसित करना। विज्ञापन डिजाइन; दान के लिए	आदर्श वाक्य लेखन	कहानी कौशल	जांचसूची (आकर्षण/ भाषा	कौशल . गहन चिंतन	अनुपयोगी सामान से

<p>भिक्षा- पात्र</p> <p>उप विषय - ऐतिहासिक कहानी</p> <p>(व्याख्यान) वचन, विलोम संज्ञा के प्रकार, मुहावरों का प्रयोग, विशेषण</p> <p>कालखंड की संख्या - 7</p> <p>मास- जून</p>	<p>प्रेरित करते हुए</p>	<p>(स्लोगन) पुस्तिका</p>	<p>के माध्यम से चिंतनशील पूछताछ पर आधारित व्यवहारिक समस्या को सुलझाना</p>	<p>/वाक्य रचना)</p>	<p>रचनात्मक विकास कल्पना शक्ति का विकास निर्णय लेने की क्षमता मानवीय मूल्यों का विकास)</p> <p>विषय . दृष्टिकोण शिक्षा</p>	<p>गुल्लक बनाना।</p>
<p>विषय- पाठ -3</p> <p>वाद्य यंत्रों की अनोखी दुनिया</p> <p>(पाठ - पठन)</p> <p>उप विषय - लेख संज्ञा के प्रकार,</p>	<p>विश्लेषण विकसित करने की रणनीति मूल्यों को विकसित करेंगे।</p> <p>एकाग्रता विकसित करेंगे।</p> <p>अनुकरण</p> <p>(पाठ - पठन)</p>	<p>जानकारी एकत्र करना।</p> <p>वाद्य यंत्र</p>	<p>समकक्ष आंकलन</p>	<p>वाद्य यंत्र के चित्र चिपकाइए।</p>	<p>कौशल रचनात्मक विकास ग्रहण चिंतन सहभागिता</p> <p>विषय . संगीत</p>	<p>वाद्य यंत्र के चित्र चिपका कर नाम लिखिए।</p>

<p>प्रत्यय, सर्वनाम</p> <p>कालखंड की संख्या - 7</p> <p>मास- जुलाई</p>						
<p>विषय - पाठ - 4</p> <p>‘ एक बूँद ’</p> <p>उप विषय - कविता, पर्यायवाचीएमें और में का प्रयोगएविशेषण अपठित बोध</p> <p>कालखंड की संख्या - 7</p> <p>मास- जुलाई</p>	<p>आंकलन करना स्वयं का एवं समकक्ष लोगों का विश्लेषण</p>	<p>जिंगल समकक्ष आं कलन शीट</p>	<p>समस्या को सुलझाना व्यवहारिकता प्रस्तुतीकरण चिंतन आधारित पूछताछ</p>	<p>समकक्ष मूल्यांकन शीट आत्मविश्वास हाव . भाव भाषा प्रवाह</p>	<p>(विज्ञान) जल संरक्षण गहन चिंतन सहभागिता निर्णय लेने की,क्षमता का विकास विषय - पर्यावरण शिक्षा</p>	<p>जल चक्र (चार्ट)</p>

<p>विषय - पाठ - 5</p> <p>‘ अफ्रीका का गांधी ’</p> <p>उप विषय - जीवनी के अंग</p> <p>अनुस्वार अनुनासिक, : क्रिया क्रिया विशेषण</p> <p>कालखंड की संख्या -</p> <p>मास- जुलाई</p>	<p>विकसित करने की रणनीति</p> <p>पहचानए विश्लेषण,सहयोगात्मक कौशल का विकास,आंकलन करना स्वयं का एवं समकक्ष लोगों का</p>	<p>पोर्टफोलियो</p> <p>समकक्ष</p> <p>आंकलन शीट</p>	<p>विचार- विमर्श</p> <p>निगमन कौशल</p> <p>प्रस्तुतीकरण</p> <p>पोर्टफोलियोबना ना</p>	<p>परियोजना के लिए रुब्रिक बनाना</p> <p>भाषा.ज्ञान</p> <p>सृजनात्मक</p> <p>प्रस्तुतीकरणद्वद्ध</p>	<p>कौशल . वाचन</p> <p>शैलीः</p> <p>लेखनशैली</p> <p>रचनात्मक</p> <p>सृजनात्मक</p> <p>विषय</p> <p>सामाजिक</p> <p>अध्ययनएनैतिक शिक्षा</p>	<p>बिहार के उत्थान में सहयोग करने वाले कोई पांच समाज सेवकों का चित्र चिपका कर नाम लिखिए।</p>
<p>विषय - पाठ - 6</p> <p>‘ अपना स्थान स्वयं बनाएँ ’</p>	<p>विश्लेषणए पहचानए विकसित करने की राजनीति</p> <p>1⁰ आदर्श वाचन</p>	<p>पुस्तक</p>	<p>पाठ. पठन</p>	<p>सूची बनाना</p> <p>भारत के राष्ट्रपतियों के नाम क्रमबद्ध</p>	<p>कौशल.</p> <p>रचनात्मक विकास</p> <p>वाचन कौशल</p>	<p>वर्तमान राष्ट्रपति का चित्र काटकर नाम लिखिए।</p>

<p>(पाठ - पठन)</p> <p>उप विषय - कहानी</p> <p>पाठ पठन</p> <p>कालखंड की संख्या - 5</p> <p>मास- अगस्त</p>				लिखिए।,	विषय . नैतिक शिक्षा	बिहार खेल तीरंदाजी छात्रों का शामिल होना।
<p>विषय - पाठ - 7</p> <p>क्रिकेट का खेल</p> <p>उप विषय -खेल,प्रत्यय क्रिया विशेषण, शुद्ध वर्तनी</p> <p>कालखंड की संख्या - 7</p> <p>मास- अगस्त</p>	<p>विकसित करने की रणनीति पहचानएविश्लेषण</p> <p>1 आदर्श वाचन।</p> <p>2.क्रिकेट सामग्री से परिचित होंगे।</p>	आलेखएसमक्ष आंकलन शीट	व्यावहारिक अनुभवात्मक गतिविधि इनफॉर्मेशन मीडिया का उपयोग	समकक्ष मूल्यांकन भाषा-ज्ञान आत्मविश्वास सहभागिता	कौशल . वाचन शैलीः लेखनशैलीएरचनात्मक कौशल, विषय - सामाजिक अध्ययन, नैतिक शिक्षा	बिहारी खेल तीरंदाजी में छात्रों का शामिल होना।

विषय - पाठ - 8 सूरजकुंड मेला (पाठ - पठन) उप विषय -पत्र कालखंड की संख्या - मास- अगस्त	विकसित करने की रणनीति पहचानए विश्लेषणए अवलोकन	पुस्तक	अनुकरण समक्ष आंकलन	चार्ट बनाना ; कविता की कुछ पंक्तियां सुंदर अक्षर में लिखना द्व	कौशल . वाचन शैली लेखन शैलीए रचनात्मक जीवन मूल्य कल्पना सहभागिता विषय सामाजिक विज्ञान विज्ञान	चार्ट बनाना
TERM - 2						
विषय - पाठ - 9 सुमन एक उपवन (पाठ - पठन) उप विषय - कविता समूहवाची विशेषण विपरीतार्थक तुकांत शब्द सर्वनाम,	आंकलन करनाए पहचान विकसित करने की रणनीति 1 ^प जीवन मूल्य से परिचित होंगे। 2 ^प आदर्श वाचन सीखेंगे। 3 ^प बाल सुलभ लीला का आनंद लेंगे।	पुस्तक	प्रस्तुतीकरण	समक्ष मूल्यांकन अधिक उत्कृष्ट संतोषजनक सुधार कीजरूरत	कौशल . तर्क शक्ति का विकास कल्पना शक्ति का विकास रचनात्मक विकास विषय . नैतिक	उपवन का चित्र बनाना

संज्ञा,विशेषण					शिक्षा, विज्ञान	
कालखंड की संख्या - 7 मास- अक्टूबर						
विषय - पाठ - 10 बापू की सीख उप विषय - संस्मरण विशेषण,क्रिया विशेषण, - योजक चिह्न कालखंड की संख्या - 7 मास- अक्टूबर	पहचानए विश्लेषणए विकसित करने की रणनीति 1 ^प जीवन मूल्यों की पहचान करना। 2. कर्तव्यों का बोध होना। 3 ^प स्वस्थ जीवन शैली अपनाएंगे।	चेकलिस्ट स्वयं का आंकलन	चिंतनशील पूछताछ निगमन विधि, प्रश्नोत्तर विधि अनुच्छेद लेखन	जाँच सूची का नमूना सावधानी सहानुभूति रचनात्मक लेखन	रचनात्मक लेखन सहयोगात्मक कुशलता जीवन कौशल एवं मूल्य विषय . नैतिक शिक्षा व नागरिक शास्त्र	झूठ एवं कड़ी की वस्तुओं का प्रयोग करते हुए कलात्मक वस्तु बनाइए छ
विषय - पाठ - 11 हमारी नाव चली	विकसित करने की रणनीतिए 1 ^प उच्चारण एवं मात्राओं पर ध्यान	चिंतन आधारित पूछताछ स्मरण	चिंतन आधारित पूछताछ अनुभव आत्मक	अवधारणा संकल्पना	कौशल . नव परावर्तनए परिवहन का	आइसक्रीम स्टिक वह अनुपयोगी

<p>उप विषय - कविता</p> <p>विपरीतार्थक पर्यायवाचीवचन</p> <p>कालखंड की संख्या -</p> <p>मास- अगस्त</p>	<p>देंगे 2^० आदर्श वचन</p> <p>विश्लेषण यातायात के साधन मूल्यांकन ,प्राचीन ,आधुनिक, नवीन दृष्टिकोण द्व</p>	शक्ति कौशल	<p>गतिविधियां</p> <p>समस्या समाधान कौशल रचनात्मक सोच</p>	मानचित्र नमूना	<p>विकास प्राकृतिक संसाधनों का सदुपयोग या स्वालंबन विषय सामाजिक विज्ञान</p>	सामान से नाव बनाइए ।
<p>विषय - पाठ - 12</p> <p>होनहार बालक चंद्रगुप्त (पाठ - पठन)</p> <p>उप विषय - नाटक पर्यायवाची भिन्नार्थक शब्द की और कि का प्रयोग विराम चिह्न</p>	<p>विकसित करने की रणनीति अनुकरण</p> <p>1^०उच्चारण में मात्राओं पर ध्यान देंगे।</p> <p>2^० आदर्श वचन करेंगे।</p>	पुस्तक	<p>पाठ . पठन</p> <p>चाणक्य की नीतियों के बारे में जानकारी एकत्रित कर पांच वाक्य लिखना छ</p>	<p>व्यवहारिक ज्ञान चिंतनशीलता कृ.....ए.....</p>	<p>कौशल . वाचन शैली, लेखन शैली जीवन मूल्य कर्तव्य पालन स्वस्थ जीवन शैली संवेदनशीलता</p>	चार्ट बनाना

कालखंड की संख्या - मास- नवंबर						
विषय - पाठ - 13 रक्त की कहानी' उपविषय- वार्तालाप संवाद,समानार्थक शब्द काल कालखंड की संख्या -7 मास- दिसंबर	विकसित करने की रणनीति आकलन करना स्वयं एवं समकक्ष लोगों का 1 ^प रक्त के महत्व को समझें 2 ^प प्रदूषण के प्रति सचेत रहेंगे। 3. वैज्ञानिक दृष्टिकोण विकसित करेंगे 4. स्वस्थ जीवन शैली को अपनाएं	चेकलिस्ट (वाद-विवाद) संतुलित आहार फास्ट फूड लाभ हानि प्रस्तुतीकरण	शोध कार्य चिंतन आधारित पूछताछ समस्यासुलझाना	समकक्ष मूल्यांकन जांच सूची	मनन कौशल सहभागिता तार्किक शक्ति का विकास जीवन कौशल और मूल्य विषय विज्ञान	बिहार खान पान एवं स्वास्थ्यवर्धक भोज्य पदार्थ का पोस्टर बनाइए और आदर्श वाक्य लिखिए
विषय - पाठ - 14 छोटा जादूगर (पाठ पठन)	विकसित करने की रणनीति अनुकरण 1 ^प उच्चारण में मात्राओं पर ध्यान	पुस्तक	प्रस्तुतीकरण	समकक्ष मूल्यांकन रुब्रिक	कौशल . वाचन शैली लेखन शैली जीवन मूल्य	अपने मनपसंद व्यक्तित्व का मुखौटा बनाना

<p>उप विषय - कहानी</p> <p>योजकएसंज्ञाए</p> <p>मुहावरे</p> <p>कालखंड की संख्या -7</p> <p>मास- दिसंबर</p>	<p>देंगे।</p> <p>2^० आदर्श वचन करेंगे।</p>				<p>कर्तव्य पालन</p> <p>स्वस्थ जीवन</p> <p>शैली</p> <p>संवेदनशीलता</p>	
<p>विषय - पाठ - 15</p> <p>दोहे</p> <p>उपविषय - पद्य</p> <p>उपसर्ग, विलोम, अनुस्वार अनुनासिक</p> <p>कालखंड की संख्या - 7</p> <p>मास- दिसंबर</p>	<p>विकसित करने की रणनीति</p> <p>आंकलन करना</p> <p>विश्लेषण करना</p> <p>मूल्यांकन करना</p>	<p>रुब्रिक्स</p> <p>(लयात्मकता/ उच्चारण /भावात्मकता)</p>	<p>प्रस्तुतीकरण</p> <p>व्यवहारिक</p>	<p>रुब्रिक</p> <p>अति उत्तम/ उत्तम /उत्कृष्ट</p>	<p>रचनात्मक लेखन</p> <p>तर्क कौशल</p> <p>व्यवहारिक ज्ञान</p> <p>वाचन शैली</p> <p>लेखन शैली</p> <p>कल्पना शीलता</p> <p>विषयनैतिक शिक्षा विज्ञान</p>	<p>चार्ट बनाना</p> <p>(दोहे)</p>
<p>विषय - पाठ - 16</p> <p>दानी पेड़</p>	<p>विश्लेषण करना</p> <p>पहचानएअनुकरणएविकसित करने की रणनीति</p> <p>1^० वृक्ष के महत्व को समझेंगे।</p>	<p>जिंगल</p> <p>स्लोगन - वृक्षारोपण</p>	<p>प्रस्तुतीकरण</p> <p>व्यवहारिक</p>	<p>तुकबंदी</p>	<p>रचनात्मक कौशल</p> <p>कल्पनाशीलता</p> <p>तर्क शक्ति का</p>	<ul style="list-style-type: none"> मधुबनी कला से वृक्ष बनाना

उप विषय - कहानी वचन, संबंध बोधक शब्द कालखंड की संख्या -5 मास- दिसंबर	2 ^० प्रकृति प्रेमी बनेंगे। 3. वृक्षारोपण के लिए उत्साहित होंगे।				विकास गहन चिंतन निर्णय लेना विषय पर्यावरण शिक्षा	

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class : V

Term I

Subject : Mathematics

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or
No. of Periods :						

When:						Sports Integration
Topic : Large Numbers Sub-topics : <ul style="list-style-type: none"> Number names Place Value Comparing Numbers Building Numbers No. of Periods: 15 Month: Apri	Students will be able to <ul style="list-style-type: none"> Read and write numbers according to Indian and International place value numeration. Compare groups and numbers using <, > or = symbols. Arrange numbers in ascending and descending orders. Form the greatest and smallest numbers using given digits. 	<ul style="list-style-type: none"> Notebook Checklist Extra questions 	Approaches <ul style="list-style-type: none"> Explanatory Deductive Experiential Collaborative Activities <ul style="list-style-type: none"> Designing a place value chart Making abacus to show place value 	<ul style="list-style-type: none"> Place value chart Rubrics 	Life skill: <ul style="list-style-type: none"> Critical thinking Creative thinking Subject involved <ul style="list-style-type: none"> Creative arts Physical education 	3D Roman numeral symbols using ice-cream sticks.
Topic : Roman Numerals No. of Periods: 5 Month: April	Students will be able to <ul style="list-style-type: none"> Arrange Roman symbols according to the rules. Write Hindu – 	<ul style="list-style-type: none"> Peer Assessment Notebook Extra questions 	Approaches <ul style="list-style-type: none"> Explanatory Experiential Activities Making symbols of Roman Numerals	<ul style="list-style-type: none"> Peer assessment sheet 	Life skill: <ul style="list-style-type: none"> Creative thinking Critical thinking Subject involved: <ul style="list-style-type: none"> Creative Arts 	
Topic Patterns, Shapes and Designs No. of periods: 5 Month April	Arabic Numerals in Roman Numerals and vice versa. <ul style="list-style-type: none"> Arrange Roman Numerals in ascending and descending orders. 	<ul style="list-style-type: none"> Notebook Reflection sheet 	using ice-cream sticks. Approaches <ul style="list-style-type: none"> Explanatory Experiential 		Life skill: <ul style="list-style-type: none"> Creative Thinking Critical thinking 	3D Designing a folder using Madhubani art
Topic: Operations with Large Numbers	Students will be able to <ul style="list-style-type: none"> Identify repeated units in a 		Activities Making a folder	<ul style="list-style-type: none"> Rubric for project 	Subject involved: <ul style="list-style-type: none"> Creative 	

[illegible]

	versa. <ul style="list-style-type: none"> • Apply four basic operations to calculate time duration. • Draw 24- hour clock. 					
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Class : V

Term II

Subject : Mathematics

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: Decimal Sub topic <ul style="list-style-type: none"> • Conversion • Basic operation No. of Periods: 10 Month: October	Students will be able to <ul style="list-style-type: none"> • Represent decimals on place value chart. • Convert fractions into decimal fractions and vice versa. • Apply four basic operation on decimal. 	<ul style="list-style-type: none"> • Notebook • Extra questions 	Approaches <ul style="list-style-type: none"> • Explanatory • Experiential • Deductive Activities: <ul style="list-style-type: none"> • presenting • Problem Solving 	<ul style="list-style-type: none"> • Sample of checklist 	Life skill: <ul style="list-style-type: none"> • Critical thinking • Creative thinking Subject involved <ul style="list-style-type: none"> • Creative Arts 	
Topic: Percentage No. of periods: 6 Month: October	<ul style="list-style-type: none"> • Solve daily life problems. Students will be able to <ul style="list-style-type: none"> • Write fractions as percentage and as decimal fractions. 	<ul style="list-style-type: none"> • Concept map • Extra questions <ul style="list-style-type: none"> • Notebook • Peer 	Approaches <ul style="list-style-type: none"> • Explanatory • Deductive • Colaborative 	<ul style="list-style-type: none"> • Peer assessment sheet 	Life skill: <ul style="list-style-type: none"> • Creative thinking • Real life experience 	

[illegible]

<ul style="list-style-type: none"> Area Volume <p>No. of periods: 14 Month: December and January</p>	<p>different types of angles.</p> <ul style="list-style-type: none"> Make a degree clock to estimate and measure angles around us. Measure angles using protractor. Classify different types of triangles. 	<ul style="list-style-type: none"> Notebook Checklist 	<p>Approaches</p> <ul style="list-style-type: none"> Explanatory Experiential demonstrate <p>Activities</p> <ul style="list-style-type: none"> Peer Assessing Problem solving 	<ul style="list-style-type: none"> Sample of checklist Real life experience 	<p>Life Skill:</p> <ul style="list-style-type: none"> Creative thinking Critical thinking Life experience <p>Subject Involved:</p> <ul style="list-style-type: none"> Creative Arts Physical education <p>Life skill:</p> <ul style="list-style-type: none"> Real life experience. Creative thinking. <p>Subject involved</p> <ul style="list-style-type: none"> Physical Education 	<p>3D Make a doll using square units.</p>
<p>Topic: Data and Charts Sub Topic:</p> <ul style="list-style-type: none"> Pictograph Tally Marks <p>No. of Periods: 5 Month: January</p> <p>Topic Maths in Real Life</p> <p>Sub Topic</p> <ul style="list-style-type: none"> Speed, distance and time Bill <p>No. of periods: 6 Month: January</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> Calculate perimeter and area of different figures. Solve real life problems based on perimeter and area. Differentiate between 2-D and 3-D figures for calculating area, perimeter and volume. Solve real life problem based on volume 	<ul style="list-style-type: none"> Notebook Reflection sheet 	<p>Approaches</p> <ul style="list-style-type: none"> Explanatory Demonstrate Story telling Inductive <p>Activities</p> <ul style="list-style-type: none"> Field work <p>Approaches</p>	<ul style="list-style-type: none"> Sample of checklist 		

	<p>Students will be able to</p> <ul style="list-style-type: none"> • Collect and record data in a tabular form. • Record and interpret data using tally marks. • Plot data in a bar graph and interpret various bar graphs. • Collect data related to various daily life situations. <p>Students will be able to:</p> <ul style="list-style-type: none"> • Calculate speed, distance and time. • Relate speed, distance and time daily life situations. • Frame a bill for given items in different quantities. 	<ul style="list-style-type: none"> • Notebook • Concept map • Reflection sheet • Checklist 	<ul style="list-style-type: none"> • Reflective inquiry • Explanatory collaborative experiential <p>Activities</p> <ul style="list-style-type: none"> • Researching • Presenting • Problem solving 	<ul style="list-style-type: none"> • Sample of concept map • Checklist 	<p>n</p> <ul style="list-style-type: none"> • Science • Creative arts. <p>Life Skill</p> <ul style="list-style-type: none"> • Critical thinking • Life experience <p>Subject Involved</p> <ul style="list-style-type: none"> • Creative art 	
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class: 5 Subject: SCIENCE

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Ch-1 Growing plants Sub-topics : -Structure of seed -Reproduction from other plant parts No. of Periods: 10 Month: April	•Define :germination, seed dispersal etc •Identify the parts of a seed •Describe the structure •Compare & Explain the structure of seed •Analyses parts .Explore various ways of plant reproduction .Lists- method of reproduction	*Reflection sheet *Notebook	Strategies: *Deductive method *Demonstrative method *Explanatory method *Experiential method Activities: *making portfolio *Peer assessment	*Peer assessment sheet *Rubrics for project	21st century skills: *Critical thinking *Creative skill *Initiative *Leadership and Responsibility -Preventing exposure to micro – organisms Eng, GK, Horticulture	*Performing art -Madhubani painting of Bihar (Seed Structure)
Ch 6 Rocks and Minerals -types of rocks	• Define: fossil fuels •Distinguish & compare:	•Notebook •Reflection sheet •Peer	Strategies: *Explanatory	*Rubrics for notebook	21st century skill •critical thinking •creative skill •communicative	*3D -pebble art

- minerals -fossil fuels No of periods:8 Month: June	metallic& non-metallic rocks • List & classify: igneous rocks •Describe the formation of igneous rocks	Assessment	*Reflective enquiry based *Experiential learning *Demonstrative Activities: -Researching	*Peer assessment sheet	•initiative and self direction -save fossil fuel SST, Eng, GK, Art	
Ch 2 Animal World -Body covering -Movement in Animals No.of periods:10 Month : July	•Define, list & Identify : herbivorous, carnivorous and omnivorous animals •Describe : movements in animals •Compare eating habits in animals •Explain : how various animals breathe	. Notebook .making concept map -Jingle on what animals wear	Strategies: •Experience •Interactive •Deductive method Activities: *Audio - linguistic U - Tube	*Rubrics for notebook *Sample of concept map *Rubrics for jingle	*Life skill Importance of trees *21 st century skills -Critical thinking -Creative skills -Communication -Initiative and self direction . GK, English, PE	*Performing Art -enact the movements of different animals -name the animals which breath in the same manner like fish
Ch 3 Skeletal and muscular system -joints -muscles -functions No of periods:10 Month: July	*Identify the parts of skeletal system *List the functions of skeletal system *Compare and explain various types of joints *Distinguish the various types of muscles	*Rubrics for project *Peer assessing *Notebook *MCQ	Strategies: *Experiential learning *Inductive method *Interactive method, *Explanatory method *Project method Activities: *Peer assessing *Presenting	Peer assessment sheet Rubrics for project/notebook	* Exercise regularly * maintain a proper posture 21 st century skills: •critical thinking •creative skill •communication •initiative and self - direction	*Visual 2D (Paste pictures of movable joints)

<p>Ch 7 The moon</p> <ul style="list-style-type: none"> -faces of moon -eclipses -artificial satellites <p>Number of periods :8 Month: August</p>	<p>*Describe the functions of human muscular system</p> <p>*Define terms like celestial body, tide, artificial satellites etc</p> <p>*Recognize – phases of moon</p> <p>*Differentiate b/n lunar & solar eclipse/ natural & artificial satellites</p> <p>*Name the astronauts who landed on the moon</p>	<ul style="list-style-type: none"> •Notebook •Rubrics for project 	<p>Strategies;</p> <ul style="list-style-type: none"> •collaborative method •explanatory method •project method •interactive method <p>Activities:</p> <ul style="list-style-type: none"> •presenting •making portfolio 	<ul style="list-style-type: none"> •Rubrics for notebook •Peer assessment sheet •Rubrics for project 	<p>*SST, English, GK, Art</p> <p>21st century skills:</p> <ul style="list-style-type: none"> *Critical thinking *Creative skill *Learning skill *Leadership and responsibility <p>SSt, English, GK</p>	<p>*3D model – (phases of moon using cardboard)</p>
<p>Ch10 Our environment</p> <ul style="list-style-type: none"> -waste disposal methods -greenhouse effect and global warming -conservation of forests 	<ul style="list-style-type: none"> -Explain importance of waste disposal -Describe greenhouse effect and global warming -Suggest various ways to conserve 	<ul style="list-style-type: none"> •Notebook •Peer assessment -Checklist 	<p>Strategies:</p> <ul style="list-style-type: none"> *Explanatory method *Interactive method *Project method <p>Activities:</p> <ul style="list-style-type: none"> •Presenting •Making portfolio 	<ul style="list-style-type: none"> •Peer assessment sheet •Rubrics for project/ Notebook *Sample for Checklist 	<p>21st century skill</p> <ul style="list-style-type: none"> •critical thinking •creative thinking •communicative •initiative and self direction <p>Value:</p> <ul style="list-style-type: none"> -Reducing waste -English, Hindi, 	<p>2D - visual (Poster making on prevention of emission of greenhouse gases)</p>

<p>No of periods:10</p> <p>Month: August</p>	<p>environment</p> <ul style="list-style-type: none"> -List the ways of managing waste -Explore the harmful effects of global warming 				Sst, GK	
<p>Ch 5 Diseases and prevention</p> <ul style="list-style-type: none"> -communicable and non communicable diseases -prevention of communicable diseases <p>No of periods: 8</p> <p>Month:October</p>	<ul style="list-style-type: none"> • Define and distinguish communicable & non-communicable diseases • Explain various communicable/ non-communicable diseases and their causes • List various factors that spread communicable diseases • Describe preventive measures 	<ul style="list-style-type: none"> *Notebook *Checklist *Prepare advertisement *Flowchart on communicable diseases *Peer assessment 	<p>Strategies:</p> <ul style="list-style-type: none"> * Explanatory method *Interactive method *collaborative method <p>Activities:</p> <ul style="list-style-type: none"> -Designing advertisement – of daily use items like dettol, mask, hand wash, sanitizer etc 	<ul style="list-style-type: none"> *Sample of checklist * Rubrics for advertisement * Peer assessment sheet 	<p>21st century skills:</p> <ul style="list-style-type: none"> *Critical thinking *Creative skill *Initiative and self direction *Leadership and responsibility <p>Value:</p> <ul style="list-style-type: none"> *Avoid junk food <p>*Eng, Hindi, GK</p>	<ul style="list-style-type: none"> * Performing art – advertisement of items that prevent us from diseases
<p>Ch 8 Natural calamities</p> <ul style="list-style-type: none"> -various types of natural 	<ul style="list-style-type: none"> •Define natural calamities •Identify v types tropical wind •Explain diff. 	<ul style="list-style-type: none"> *Notebook *chart *peer assessment sheet 	<p>Strategies:</p> <ul style="list-style-type: none"> *Explanatory method *Interactive method *Demonstrative method *Project method 	<ul style="list-style-type: none"> *Rubrics for notebook *Peer assessment sheet *Rubrics for project 	<p>21st century skills:</p> <ul style="list-style-type: none"> -Critical thinking -Creative skill -Initiative & self direction -Leadership 	<ul style="list-style-type: none"> *3D visual (Name the natural calamity which often hit

<p>calamities -precautionary measures</p> <p>No of periods:8 Month: October</p>	<p>types of volcanic eruptions</p> <ul style="list-style-type: none"> •List the precautionary measures during and after calamities 	<p>-MCQ -Fill ups</p>	<p>Activities: -Researching -Presenting</p>		<p>Value: *Precautions at the time of natural calamity SST, Eng, GK, Maths</p>	<p>Bihar.)</p>
<p>Ch 4 Nervous system -Brain -Sense organs</p> <p>Number of periods: 8 Month: November</p>	<ul style="list-style-type: none"> •Describe brain & its parts •Define nerve •Explain the structure and function of sense organs •List ways to take proper care of sense organs 	<p>*Notebook *Reflection sheet *Checklist</p>	<p>Strategies: *Reflective inquiry method *Explanatory method *Interactive method *Deductive method</p> <p>Activity - Researching</p>	<p>* Rubrics for notebook * Sample of checklist</p>	<p>21st century skills: *Critical thinking *communication *initiative and self direction -respect people with disability -taking proper care of sense organs English, GK, PE</p>	<p>3D – model of neurons with clay (reflex action)</p>
<p>Ch 9 Air and water</p> <p>-layers of atmosphere -properties of air -purification of water</p> <p>No of periods:8 Month: November</p>	<ul style="list-style-type: none"> •Define atmosphere •Identify layers of atmosphere •Explain properties of air •State the composition of air <p>.Suggest methods of water purification</p>	<p>*Notebook *Reflection sheet</p>	<p>Strategies: *Reflective inquiry method *Demonstrative method *Explanatory method *Interactive method *Experiential method</p> <p>Activities: -Presenting -Researching</p>	<p>*Rubrics for notebook *Rubrics for experiment</p>	<p>21st century skills: *Critical thinking *Learning skill *Initiative and self direction</p> <p>•Prevention of water wastage</p> <p>English, Sst, GK MSc</p>	<p>Video *Performing experiment on properties of air</p>
<p>Ch 11 Dealing with emergencies</p>	<ul style="list-style-type: none"> •Define first aid •Suggest first aid for various 	<p>*Notebook</p>	<p>Strategies: *Experiential learning</p>	<p>-Rubrics for project</p>	<p>21st century skills: •Critical thinking •Creative thinking</p>	<p>*3D model</p>

-First aid -Fire emergencies No of periods:5 Month: December	accidents •Explain how to deal with fire emergencies •Explore to act safely, promptly and effectively in an emergency situation.	*Rubrics for project *Portfolio	*Collaborative method *Interactive method *Explanatory method Activities: -Making portfolio -Presenting	-Rubrics for notebook	•Leadership and responsibility -Act promptly during emergency situations Eng, GK, MSc	(Make first aid kit) *List the medical colleges of Bihar
Ch 12 Simple machines -lever and its types -types of pulley No of periods:9 Month: January	•Define simple machines •Compare three types of levers •Explain about pulley and its types •Explore other simple machines	*Notebook *project *portfolio	Strategies: *Experiential learning *Interactive method *Explanatory method *Demonstrative method Activities: *Making portfolio *Pesenting	*Rubrics for notebook *Rubrics for project	21st century skills: *Critical thinking *Creative thinking *Learning skill *Initiative and self directive •Safe use of machines -Maths, Eng, Art, MSc	3D-model (making simple machines using clay)

ST. PAUL'S CO-ED SCHOOL, BHOPAL

Annual Curriculum and Pedagogical Plan

Class : ____v____

Subject : SST

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						

When:						
Topic :CH -1 The Globe and Imaginary lines Sub-topics : 1)Looking at the Earth closely. 2)Parallels of Latitude and Meridians of Longitudes. No. of Periods:9 Month:April	Students will be able to- *define the terms. *locate continents and the waterbodies on the map. *identify the parallels of latitude and meridians of longitude. *describe the features of parallels and meridians. Students will be able to- *define the terms. *explain about the types of maps.	*notebooks *checklist	Approach- Explanatory Demonstrative Experiential Activities- Presenting Researching Locating	*Sample of checklist *Rubric for map.	Life skill- *critical thinking *creative thinking *learning skill *initiative and self direction. Subject- GK English Maths	Using a plastic ball make 3D model of a Globe showing major parallels of latitude.
Topic: Ch -2 Maps Sub Topics- 1)Types of Map 2)Languages of maps. No. of periods:6 Month- April	*differentiate between political and physical map. *recognize and draw the symbols used in a map. Students will be able to- *define the terms *discuss the features of major landforms.	*notebook *checklist	Approach- Explanatory Demonstrative Story telling Activities- Presenting Researching Locating	Rubric for map Sample of checklist	Life skill- *critical thinking *creative thinking *learning skill *appreciating the work of cartographers. Subject- GK English Maths Science	On the Political and Physical map of India locate and label the given data.
Topic:Ch-3 Major Landforms Sub Topics- 1)Features of Major landforms. 2)Journey of	*draw the journey of a river.	*notebook *checklist	Approach- Explanatory Demonstrative Reflective inquiry Experimental Experiential learning Activities-	Sample of checklist	Life skill- Collabrative Critical thinking Leadership skill Communicative skill Subject- GK	Rare game 1minute presentation On major landforms of the Earth.

Rivers. No.of periods:6 Month-June Topic:Ch -5 Democratic Republic of Congo- Land of Dense Forest Sub Topic- 1)Location 2)Vegetation and Wildlife 3)Life of the people. No. of periods-6 Month-July	Students will be able to- 1) locate DRC on the map of Africa. 2) Describe the climate ,vegetation and wildlife found in DRC. 3) List cash crops and food crops found in DRC. 4) Explain life in the DRC.	*Note book *Rubric for project	Presenting Researching Approach- Explanatory Interactive Questionnair Activities- Researching Presenting	Rubric for project	Maths Science English Life skill- Critical thinking Creativity Communicative skill Subject-GK English Science	2D visual Collage on Fauna of DRC
Topic- Ch-6 Greenland – Land of snow Sub Topic- 1)Location and climate 2)Vegetation and wildlife. 3)Life of the people. No. of periods-6 Month-October.	Students will be able to- 1)locate Polar region and Greenland on the map 2)explain the climatic condition,vegetation and wildlife. 3)discuss life of the people in Greenland.	*Note book *Rubric for project	Approach- Explanatory Interactive Questionnair Activities- Presenting Researching	Rubric for project	Life skill- Communicative skill Creativity Critical thinking Subjects-GK English	3D Model of Greenland.

Topic-Ch-7 Saudi Arabia- Land of Sand Sub Topic- 1)Location 2)Climate 3)Life in the region. No. of periods - 7 Month- October	Students will be able to- 1)define the terms 2)locate Arabian Peninsula 3)explain the climate and life in the Arabian desert.	*Notebook *Portfolio.	Approach- Explanatory Demonstration Interactive Activities- Presenting Researching	Rubric for portfolio	Method- Collabrative skill Critical thinking Creativity Subjects- English GK	3D Model showing 'OASIS'.
Topic—Ch-8 The Prairies- Treeless Grasslands Sub topic- 1)Vegetation and wildlife 2)Climate 3)Life of the people. No. of periods- 6 Month- October	Students will be able to- 1)Locate the grasslands of the world on the physical map 2)explain the climate,vegetation and wildlife 3)discuss life of the people in Prairies.	*Notebook *Peer assessing	Approach- Explanatory Interactive Reflective Inquiry Activities- Presenting Researching	Peer Assessment sheet	Method- Creative thinking Critical thinking Subjects-GK English	Culinary-stick wheat grains on the map of Grasslands of the world.
Topic- Ch-9 Weather and Climate Sub Topic- 1)Factors that affect climate 2)Heat zones of the Earth. No. of periods- 8	Students will be able to- 1)define 2)differentiate between weather and climate 3)explore the	*Notebook *Concept map	Approach- Explanatory Interactive Experiential Demonstrative Activities- Presenting	Sample of concept map	Life skill- Diagrammatic skill Collaborative skill Critical thinking Creative thinking Subjects-English GK Science Maths	2D Visual Draw and colour Heat zones of the Earth, Sea breeze and Land breeze.

Month- November Topic Ch-13 Prominent Dynasties of India Sub Topic- 1)Mauryan Dynasty 2)Mughal Dynasty No.of periods-6 Month-July Topic-Ch-14 India under British rule Sub topic- 1)Revolt of 1857 2)Rise of Nationalism No. of periods- 10 Month- November Topic-Ch- 15 India wins Freedom Sub topic- 1)Swadeshi and Boycott movements 2)Jallianwala Bagh Massacre	<p>factors that affect climate</p> <p>4)describe the different climatic zones.</p> <p>Students will be able to-</p> <p>1)define</p> <p>2)learn and describe the various dynasties</p> <p>3)discuss the achievements of Chola Dynasty,Delhi sultanate etc.</p> <p>Students will be able to-</p> <p>1)define</p> <p>2)explore the reasons and failure of the Revolt of 1857</p> <p>3)differentiate between Moderates and Radicals.</p> <p>Students will be able to-</p> <p>1)memorise the major incidents that led India's freedom</p> <p>2)describe the role</p>	<p>*Notebook</p> <p>*Rubric for project</p> <p>*Notebook</p> <p>*Rubric for project</p> <p>*Notebook</p> <p>*Rubric for map</p>	<p>Making of conceptt map</p> <p>Approach- Explanatory Interactive Story telling</p> <p>Activities- Presenting Researching</p> <p>Approach- Explanatory Interactive Story telling</p> <p>Activities- Presenting Researching</p> <p>Approach- *Explanatory *Interactive *Story telling</p> <p>Activities- Presenting</p>	<p>Rubric for project</p> <p>Rubric for project</p> <p>Rubric for map</p>	<p>Life skill- Critical thinking Creativity Analytical skill</p> <p>Subjects- English GK</p> <p>Life skill- Critical thinking Creative thinking Communicative skill</p> <p>Subjects- English GK</p> <p>Life skill- Critical thinking Communicative skill Creative thinking</p> <p>Subjects- English GK</p>	<p>2D Visual Draw Ashoka's Pillar (Vaishali Bihar) using Madhubani art.</p> <p>2D Visual Informative chart showing pictures of freedom fighters(1857) of Bihar.</p> <p>2D Map work On the political map of India locate and label the states where following incidents took place.</p>
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No. of periods-10 Month-December	of revolutionaries 3)discuss India's freedom struggle to achieve freedom.		Researching		Life skill- Critical thinking Communicative skill Creative thinking Learning skill	
Topic-CH-16 Some Great People Sub topic- 1)Sushruta 2)Kalidasa 3)Rabindranath Tagore No. of periods-7 Month-August	Students will be able to 1)identify the people who made contribution to Indian society 2)explore some ancient ways of treating diseases 3)list some of the musicians and artists of medieval period.	*Notebook *Rubric for project	Approach- Explanatory Interactive Story telling Activities- Making of concept map Researching	Sample of concept map	Subjects- English GK	2D Visual Image based questions- stick pictures of the people of- Ancient Medieval Modern history And write about them.
Topic-CH-22 Our Government Sub topic- 1)The Central Govt 2)The State Govt 3)The Judiciary No. of periods-7 Month-August	Students will be able to- 1)define 2)construct the hirerchy of the govt. 3)discuss and explain the function of the doifferent levels of govt of India 4)summarize the Judicial system of India.	*Notebook *Concept map	Approach- Explanatory Demonstrative Interactive Experiential Collaborative Activities- Making of concept map Presenting	Sample of concept map	Life skill- Critical thinking Communicative skill Creative thinking Learning skill Subjects- English GK Maths	Performing Art – Role play on conduct of Elections in India.
Topic- Ch-23 The United Nations Sub topic- 1)Formation of	Students will be able to- 1)define 2)List the main objectives of UN	*Notebook *Rubric for project	Approach- Explanatory Interactive Activities-	Rubric for project	Life skill- Critical thinking Creative thinking Communivative skill	2D Visual-stick pictures of India's Heritage sites which are declared by

UN 2)Objectives of UN No. of periods - 7 Month-January	3)explore the role of UN in maintaining peace in the world 4)explain India's contribution towards UN.		Presenting Researching		Subjects- GK English Maths	UNESCO.
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan
2024-2025

Class: 5

Subjects: Computer

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: CHAPTER-1 Evolution of Computers Sub-topics: 1) Early computers 2) Classification of Computer 3) Characteristics of a computer 4) Limitations of a computer No. of Periods: 8 Month: April + June	Students will be able to: <ul style="list-style-type: none"> Identify machines that lead to the evolution of computers Know about the different machines and their inventors Identifies the key events in the history of computers Analyses the different forms and types of computers that emerged throughout history Generalize the key players in the history of computers. Recalls Generations and Characteristics of computer 	Concept Map to define classification of Computer.	Approach: Explanation Interactive Activity: Making of concept maps	Sample of Concept map	Life skills: *Communicative skill *Logical thinking skill Organization skills Analysis skills Subject: Social Science	Collage making of early computing devices.
Topic: CHAPTER-2 Software and its types Sub-topics: 1) Types of Software 2) Relation between Hardware and Software Sub-topics: No. of Periods: 8	Students will be able to: <ul style="list-style-type: none"> Distinguishes between Operating Systems software and Application Systems software. Analyses commonly used operating systems. Identifies the primary functions 	Concept map to show Relationship between Hardware and Software	Approach: Explanation Interactive Activity: <ul style="list-style-type: none"> Making of concept maps 	Sample of Concept map	Life skills: * Problem solving skill *Time Management skills Organization skills Analysis skills Subject: Science	Role play to present different types of software.

Month: July	<p>of an Operating System.</p> <ul style="list-style-type: none"> ➤ Describe the “boot” process. ➤ Identifies Desktop and Windows features. ➤ Used Utility programs. ➤ Recalls the pros and cons of the three major operating systems 					
<p>Topic: CHAPTER-5 Know more about Ms Word 2007</p> <p>Sub-topics: 1) Inserting Clip Art , Word Art, Pictures, Shapes, Symbols, Headers and footers 2) Applying formatting features of shapes 3) Changing case 4) working with objects 5) Applying Page borders and page colors</p> <p>No. of Periods:10</p> <p>Month: August</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Identifies the Windows screen elements and parts of a window. • Analyses the Resize, Move, and Scroll windows. • Maximize, Restore, Minimize, and Close windows. • Create, Copy, Move, Rename, and Delete files. • Defines files and folders. • Compressed files. • Used the Help system. 	Peer Assessment (Practical Activity)	<p>Approach: Explanation Demonstration Interactive Experiential Collaborative</p> <p>Activity: • Peer assessing during Practical in lab</p>	Peer Assessment sheet	<p>Life skills: * Creativity * Organizing * Arranging Communication Management</p> <p>Subject : Art & Craft + Maths</p>	Document making using any 5 features learned in this chapter on the Topic- My Classroom.

	<ul style="list-style-type: none"> Generalizes the Windows operating system to practice performing common tasks. 					
<p>Topic: CHAPTER-6 Know more about Ms PowerPoint 2007</p> <p>Sub-topics: 1) Basics of Presentation 2) Components of PowerPoint Window 3) Way to create different types of presentations. 4) Working Slide Layouts</p> <p>No. of Periods:10</p> <p>Month: October</p>	<p>Students will be able to know:</p> <ul style="list-style-type: none"> Examines slide show presentation concepts and explore the Microsoft Office PowerPoint environment. Modify presentation themes. Add new slides to a presentation. Insert clipart images and shapes to slides. Creates presentation by using different methods like blank and recent, installed templates and themes. 	Peer Assessment (Practical Activity)	<p>Approach: Explanation Demonstration Interactive Experiential Collaborative</p> <p>Activity: Peer assessing during Practical in lab</p>	Peer Assessment sheet	<p>Life skills: *Memorizing skill *Logical thinking skill Creativity * Organizing * Arranging</p> <p>Subject : Science + Art & craft</p>	Make a Presentation Showing Culture and Tradition of Bihar.

<p>Topic: CHAPTER-3 Know more about Internet</p> <p>Sub- topics: 1) Basics of E-mail 2)Creating an E-mail account 3) E-mail account- Creating, composing, sending emails, and E-Greeting cards. 4) Parts of E-mail address 5) Netiquette of Internet</p> <p>No. of Periods:8</p> <p>Month: November</p>	<p>Students will be able to: Defines the strong grasp of what the Internet is,and the different ways to access it. ➤ Understand the benefits of the Internet, and several different things it can be used for every day. ➤ Practices online shopping, video conferencing, news groups, online reservation, blogs and social networking.</p>	<p>Concept map showing how to create an E-mail account. And Compose an E-mail.</p>	<p>Approach: ❖ Explanation ❖ Interactive Activity: • Making of concept map</p>	<p>Sample of Concept map</p>	<p>Life skills: *Analytical Skills * Communication skill Digital Ethics & Literacy</p> <p>Subject : English</p>	<ul style="list-style-type: none"> • Chart showing Netiquettes for a safe online experience.
<p>Topic: CHAPTER-8 AI and Robotics</p> <p>Sub-topics: 1) AI in Everyday life 2) Applications of AI</p> <p>No. of Periods:8</p> <p>Month: December-January</p>	<p>Students will be able to: • Describe the concepts, theories used in Artificial intelligence. • Know how advanced technology data and analytics can be used to give a decent quality of life to the citizens.</p>	<p>Concept map of components of Artificial Intelligence.</p>	<p>Approach: ❖ Explanation ❖ Interactive Activity: Making of concept map</p>	<p>Sample of concept map</p>	<p>Life skills: *Observation Skills *Logical thinking skill *Learning Skills Problem solving Creativity collaboration</p> <p>Subject : Science</p>	<p>Make a model of Alexa.</p>

ST. PAUL'S CO-ED SCHOOL, BHOPAL**Annual Curriculum and Pedagogical Plan**

Class : _____5th _____
_____SUPW _____

Subject _____ :

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						
Topic :						
Colouring Fun is	<ul style="list-style-type: none">• Identify the colour.• Name the animal and the plant.• Compare colour combination.• Improve drawing and colouring	<ul style="list-style-type: none">• Neatness, using colours in thoughtful way.• Neatness,	<ul style="list-style-type: none">• Explanation	<ul style="list-style-type: none">• Mac Book	EVs	

Half Drawn	<p>skills and eye hand coordination.</p> <ul style="list-style-type: none"> • Complete drawing independently without dots. 	accuracy.	•Demonstration	•Mac Book	EVs	
Shape Based	<ul style="list-style-type: none"> •Identify and name objects by way of their shape and colour name. •Draw different objects using concept of 2D And 3D figures . • Use imaginative skills and create art as per their own imagination. •Create prints using fruits and Vegetables. 	<p>•Neatness,colours in thoughtful way</p> <p>•Neatness,</p>	•Explanation	•Mac Book	Maths	

Vegetable painting	<ul style="list-style-type: none"> •Use colour, Shape and Texture to design new borders. •Create an accurate and proportional drawing. 	creativity. <ul style="list-style-type: none"> •Peer Assessment 	<ul style="list-style-type: none"> •Explanation 	<ul style="list-style-type: none"> •Mac Book 	EVs	
Borders & Corners		<ul style="list-style-type: none"> •Neatness, accuracy •Rubric 	<ul style="list-style-type: none"> •Explanation 	<ul style="list-style-type: none"> •Mac Book 	Maths	
Bounding Box	<ul style="list-style-type: none"> •Develop their ability to concentrate on task . • Present neatly and follow the given instructions. • Select appropriate colour. 	all <ul style="list-style-type: none"> •Follow instructions. 	<ul style="list-style-type: none"> •Demonstration 	<ul style="list-style-type: none"> •Mac Book 	EVs and Maths	

<p>Step by step</p>	<ul style="list-style-type: none"> • Draw and colour pictures using new patterns & proper colour scheme. • Create different patterns based on geometrical shapes. 	<ul style="list-style-type: none"> • Children will pay attention for movement and coordinate step by step. 				
<p>Pattern</p>	<ul style="list-style-type: none"> • Understand thumb impression method using different leaves. • Develop large and fine motor skills, eye-hand coordination, and intellectual abilities that apply to imagination. 	<ul style="list-style-type: none"> • Students will learn how to create different patterns. 	<ul style="list-style-type: none"> • Demonstration 	<ul style="list-style-type: none"> • Mac Book 	<p>Maths</p>	

Thumb painting	<ul style="list-style-type: none">•Recognize emotions in the given pictures.• Use line, shape, colour and space to express emotion in a drawing.•Explore and regulate their emotions.•Develop a basic understanding of pencil shading.•Improve thinking skills and create new things.	<ul style="list-style-type: none">•Creativity,hand and eye coordination, follow all directions.•Neatness, accuracy.	<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book		
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Emoticons						
	<ul style="list-style-type: none">•Demonstrate earbud painting technique.•Create their own dot painting with the help of earbud .	<ul style="list-style-type: none">•Follow directions.	all	<ul style="list-style-type: none">•Explanation	<ul style="list-style-type: none">•Mac Book	EVS
Sketch with pencil	<ul style="list-style-type: none">• Draw organic and geometric shapes in the appropriate sections of their painting.	<ul style="list-style-type: none">•Neatness, and coordination, follow instructions.	hand eye all	<ul style="list-style-type: none">•Demonstration	<ul style="list-style-type: none">•Mac Book	
Colouring with						

sketch pen	<ul style="list-style-type: none">• Determine correct proportions for figure drawing.•Develop their fine motor skills,to draw human figure and objects.	<ul style="list-style-type: none">•Creativity , hand and eye coordination	<ul style="list-style-type: none">•Demonstration	<ul style="list-style-type: none">•Mac Book	<ul style="list-style-type: none">EVS	
Earbud Painting	<ul style="list-style-type: none">•Differentiate between primary and secondary colours.	<ul style="list-style-type: none">•Creativity, Neatness, Colour scheme.	<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book	<ul style="list-style-type: none">EVS	
Abstract Art	<ul style="list-style-type: none">•Identify the materials, techniques, and processes used in making leaf Painting.	<ul style="list-style-type: none">•Originality of work,Perfection				

<p>Stick Drawing Character & Composition</p>	<ul style="list-style-type: none"> •Understand scraping technique and learn to scratch out outline of drawing. •Improve thinking skills and create new things. • Develop their fine motor skills, to draw human figure and objects. 	<ul style="list-style-type: none"> •Colour mixing, Creativity, Presentation. •Leaves- print. •Checklist 	<ul style="list-style-type: none"> •Explanation •Explanation 	<ul style="list-style-type: none"> •Mac Book •Mac Book 	<p>Maths</p> <p>Maths</p>	
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Leaf painting	<ul style="list-style-type: none">•Experiment with a new paint tool and create sponge painting.		<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book		
	<ul style="list-style-type: none">•Create a Suitable composition using their creativity and imaginative skills.	<ul style="list-style-type: none">•Colour mixing.	<ul style="list-style-type: none">•Experiential	<ul style="list-style-type: none">•Mac Book	EVS	
Glowing outline	<ul style="list-style-type: none">•Develop their ideas for craftwork through drawing .•Use of materials and tools to Create works of art or design.•Develop a sense of creativity, foster Social and	<ul style="list-style-type: none">•Neatness, perfection.•Children will pay	<ul style="list-style-type: none">•Demonstration	<ul style="list-style-type: none">•Mac Book		

	emotional skills.	attention for movement and coordinate while drawing figures.				
Semi-Realistic Character & Composition	<ul style="list-style-type: none"> • Improve their imagination skills and Creativity. 	<ul style="list-style-type: none"> •Creativity, innovative. 				
Sponge painting	<ul style="list-style-type: none"> •Learn proper paper folding technique. 		•Explanation	•Mac Book	Maths	
	<ul style="list-style-type: none"> • create different forms using foil paper. 	<ul style="list-style-type: none"> •Neatness, perfection, 				
Cartoon Character & Composition	<ul style="list-style-type: none"> • Learn handling and reshaping of foil. 	<ul style="list-style-type: none"> •Neatness, Creativity,Follows 				

<p>Pasting techniques (Sequin, matchstick, paper, cotton, IcecreamStick,)</p>	<ul style="list-style-type: none"> • Create basic shapes using clay. • Encourages play-based learning. • Promotes sensory development. 	<p>all directions.</p>	<ul style="list-style-type: none"> • Experiential 	<ul style="list-style-type: none"> • Mac Book 	<p>Maths</p>	
	<ul style="list-style-type: none"> • Create and make Birthday Cards as gifts for people. • They Can uncover new talents, express themselves and develop valuable skills for the future. 	<p>• Neatness, and style.</p>	<ul style="list-style-type: none"> • Demonstration 	<ul style="list-style-type: none"> • Mac Book 		
<p>Sandpaper Activity</p>		<p>• Perfection, follows all instructions.</p>	<ul style="list-style-type: none"> • Experiential 	<ul style="list-style-type: none"> • Mac Book 	<p>EVS</p>	

Origami Fox		•Originality of work, innovative, Creativity, Perfection.				
Foil Paper Activity			•Experiential	•Mac Book	EVS	
		•Creativity,use of materials, presentation.				
Clay Modelling			•Experiential	•Mac Book		

Handmade- Paper Box		•Neatness, Accuracy.	•Experiential	•Mac Book	EVS	
			•Experiential	•Mac Book	EVS	

			•Demonstration	•Mac Book		
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COMPILED ANNUAL PEDAGOGY PLAN(2024-25)

CLASS – 6TH

ST. PAUL'S CO-ED SCHOOL, BHOPAL

Annual Curriculum and Pedagogical Plan 2024-2025

Class: VI

Subject: English

Topic : No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter- disciplinar y/ Multi- disciplinar y	Art Integration or Sports Integration
Topic: L.1 Be a Friend. Sub-topics: Poetic Device No. of Periods: 2 to 3 Month: April	Students will be able to: *Evaluate the worth of friendship. *Understand the emotions expressed by the poet.	Sample of concept map (quality of friendship.)	Method- Explanation and Learning Approach: Experiential learning (friendship.) Activity: Concept map (Quality of friendship in the form of flow chart or hierarchy.)	Sample of concept map.	Life skills: Emotional , intelligence and communication skill. Subject: Moral Science	Performing Art (Role Play)
Topic: L.2 There is a Hole in my Galaxy. Sub-topics: Parts of Speech.	*Analyze the understanding of space and their place in the universe. * unlock their ideas about the hole in the galaxy	Sample of peer assessment sheet. (Poster)	Method- Discussion and Learning Approach: Collaborative. Activity: Using information media, peer	Sample of peer assessment sheet	Life skills: Critical thinking, inter personal skill. Subject: Social Science.	Visual (Poster).

No. of Periods: 4 to 5. Month: April			assessment. (Design a galaxy wallpaper in the form of poster.)			
Topic: L. 3 The School Boy. Sub-topics: Poetic device- Alliteration No. of Periods: 3-4 Month: June	*Sensitize them regarding the objects and beauty of nature. * get familiar with poetic device.	*Rubric for the summary and Notebook. (summary of the poem)	*Method: Brain storming Approach: Behavioral (children's behavior) Activity: Writing the summary of the poem	*Rubric for summary and notebook	Life skills: Analytical skill and creative skill. Subject: Social Science	Visual (summary on a sheet of paper.)
Topic: L.4 The Last Paper. Sub-topics: Grammar - Transitive and Intransitive No. of Periods: 4 to 5 Month: July	*Develop a strategy to reduce the stress of examination. *enhance their time management skill	Rubric for project (collage)	Method: Explanatory. Approach: Experiential (stress of exam) Activity: Using media information (Design a collage <i>Five games of Bihar.</i>)	Rubric for project	Life skills: Management creative and analytical. Subject: Maths	Visual (collage) - <i>Five games of Bihar.</i>
Topic: L.5-A Lesson for Nakul. Sub-topics: Compound Adjectives. No. of Periods: 3 to 4 Month: July	*Infer how to handle emotions. *Differentiate between the use and omission of the 'Article'. *Practice to stay positive.	Sample of reflection sheet (Did I help someone?)	Method- Discussion and Learning Approach: reflection inquiry based (comparison between Nakul and Akash.) Activity: (Paragraph writing on the	Sample of reflection sheet.	Life skills: Critical thinking and analytical thinking. Subject: Moral Science.	Performing Art (Did I help someone?)

			topic.. Did I help someone?)			
Topic: L.6 The Wind and the Moon. Sub-topics: Literary device- Imagery No. of Periods: 3 Month: July	*Assess the forces of nature. *Compare the phases of moon. *Integrate the message conveyed by the poet through wind and moon.	* Rubrics of checklist (Time limit,. Presentable, content)	Method- Demonstrative Approach: Collaborative Activity: Prepare a PPT/ file presentation of literary devices.	Sample of Checklist	Life skills: Self awareness Social skill Subject: Social Science	Visual (Prepare a PPT/ file presentation of literary devices.)
Topic: L.7 The boy from the Standard III Sub-topics: Synonym- Antonym No. of Periods: 4 Month: August	* Manage emotions * inculcate the value of empathy and kindness	Reflection sheet (Graphic organizer)	Method- Interactive Approach: Experiential Activity: (Prepare a graphics organizer of father Rebello)	Sample of reflection sheet (Graphic organizer)	Life skills: Managing emotions Self awareness Subject: Moral Science	2-D (Graphic organizer)
Topic: L.8 Lights... Camera.....Action! Sub-topics: Biographical sketch No. of Periods: 4	* Realize the struggles in the life of Film-man * Importance of hard work Art of managing situation	Concept map (The story of my life)	Method- Discussion Approach: Reflective and Inquiry based Activity: Making of concept map (The story of my life)	Sample of Concept map	* Life skills: Self awareness * Critical thinking	Visual (The story of my life)

Month: August					Subject: Social studies	
Topic: L.9 Christmas in the Heart. Sub-topics: Writing skill (Biography) No. of Periods: 4-5 Month: October	*Comprehend the text and discuss about the different festivals. *Identify the worth of Christmas and it's real meaning.	Reflection sheet. (Design a Christmas card/ Santa Clause/Tree / Bells)	Method: Interactive Approach: Experiential learning. Activity: using media information. (Design a Christmas card/ Santa Clause/Tree/ Bells)	Sample of Reflection sheet (Design a Christmas card/ Santa Clause/Tree/ Bells)	Life skills: Analytical thinking and self awareness Subject: Social Science.	3 D
Topic: L.10Tom White washes the Fence Sub-topics: Grammar- Subject Verb Agreement No. of Periods: 4-5 Month: October.	*Design an advertisement of painted product. *Acknowledge The value of time management	Checklist (chart).	Method: Demonstration Approach: collaborative presentation. Activity: <i>Madhubani painting (BIHAR) on a paper/cloth .(team work)</i>	Sample of checklist	Life skills: Creative and critical thinking. Subject: Art and Craft	Visual (chart) <i>Madhubani painting (BIHAR) on a paper/cloth .(team work)</i>
Topic: L.11 Authorship Sub-topics: *Poetic Device. *Rhyme Scheme. No. of Periods: 4-5 Month: November.	*Self analysis of family. *Build up their writing skills	Concept map (poster on daily routine)	Method: Interactive Approach: *Behavioral *Problem solving. Activity: Design a poster of your daily routine with the help of Slogan.	Sample of concept map.	Life skills: Managing emotions. Subject: Social Science.	Visual (poster on daily routine)

Topic: L.12 A Stormy Day. Sub-topics: Grammar- Direct and Indirect Speech. No. of Periods: 4-5 Month: November	*Identify the beauty of other creatures of nature. *Develop the concept of how to protect endangered animal	Checklist (Content, Sentence structure, word limit))	Method: Discussion Approach: Experiential learning Activity: Article Writing- how can we save wild life? And present it in class	Sample of checklist (Article Writing)	Life skills: Problem solving and critical thinking. Subject: Social Science	Visual art and Performing
Topic: L.13 Shanti's Friend. Sub-topics: Grammar- Clauses No. of Periods: 4-5 Month: December	*Evaluate the value of parents. *Discover nature as friend of human.	Concept map. (design a model on parts of speech)	Method: Interactive Approach: Collaborative team work. Activity: Design a model of tree with parts of speech on it.	Sample of concept map	Life skills: Managing emotions and inter personal relationship. Subject: Social Science	Visual (Model on parts of speech)
L.14 Compassion Sub-topics: Poetic Device No. of Periods: 3 Month: January	*Acknowledge the feelings of sympathy, compassion and generosity	Peer Assessment (Design a placard)	Method: Discussion Approach: Experiential Activity: (Design a placard of petal shape with ways to be kind)	Peer Assessment (Placard)	Life skills: emotional Intelligence. Subject: Moral Science	3D and performing art
Topic: L.15 The Little Match Girl Sub-topics: Grammar- Voice.	*Analyse the adverse situation and how to face poverty.	Reflection sheet (Role play)	Method: Story telling Approach: Behavioral experiential Activity: Presentation (Role Play)	Rubric for Role play. (Body language, content, presentation)	Life skills: Reduce inequality Subject: Social Science	Performing art (Role play)

No. of Periods: 4-5 Month: January.	*Develop a sense of contentment.					
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सेंटपॉल को-एड स्कूल, आनंद नगर, भोपाल
वार्षिक पाठ्यचर्या एवं शैक्षणिक योजना 2024-25

कक्षा

विषय

शीर्षक (विषय)- कालखण्ड की संख्या कब -	सीखने के परिणाम	मूल्यांकन उपकरण	शिक्षण सीखने की रणनीतियाँ एवं गतिविधियाँ	संसाधन	अंतर अनुशासनात्मक / बहु अनुशासनात्मक	कला एकीकरण खेल एकीकरण
विषय- पाठ 1 (वह चिड़िया जो) उपविषय- क्रिया विशेषण कालखण्ड- 5 मास-अप्रैल	विद्यार्थी सीख पाएँगे- • पहचान करना • मूल्यांकन करना 1. परिश्रम 2. स्वाभिमान	पोर्टफोलियो, पुस्तिका, लघु , वस्तुनिष्ठ प्रश्न	प्रकृति की मान्यताएँ, शोध, व्याख्या, आगमन-निगमन गतिविधि - कविता श्रवण (प्रकृति से सम्बन्धित)	जॉचसूची का नमूना	कौशल- वाचन, लेखन, गायन और चिन्तन विषय- विज्ञान, सा. विज्ञान और कला	बिहार के राजकीय पक्षी का चित्र
विषय- पाठ 2 (बचपन) उपविषय- संज्ञा कालखण्ड- 6 मास- जून	विद्यार्थी सीख पाएँगे- • स्मरण • अभिरुचि	समकक्ष आंकलन शीट, पुस्तिका, वस्तुनिष्ठ प्रश्न,	चिन्तनशील आधारित पूछताछ, शोध। गतिविधि - बचपन की स्मृतियाँ।	समकक्ष मूल्यांकन शीट।	कौशल-चिन्तन विषय- सा. विज्ञान, गणित, नै. शिक्षा और मनोविज्ञान।	कले से पहाड़ी फल

	1.बचपन की मधुर स्मृतियाँ 2.समय के अनुरूप परिवर्तन					
विषय- पाठ 3 (नादान दोस्त) उपविषय- सर्वनाम कालखण्ड- 6 मास- जुलाई	विद्यार्थी सीख पाएँगे- • विप्लेषण • पहचान करना 1.पक्षियों की रक्षा के प्रति सजगता 2. अल्पज्ञान से हानि	रूब्रिक के लिए परियोजना, पुस्तिका, कहानी रचना।	व्यावहारिक, समस्या को सुलझाना गतिविधि - कहानी श्रवण।	परियोजना के लिए रूब्रिक	कौशल- वाचन, चिन्तन विषय- मनोविज्ञान, प्राणी विज्ञान, नैतिक शिक्षा, कला	अनुपयोगी वस्तुओं से घोंसले का निर्माण
विषय- पाठ 4 (चांद से थोड़ी-सी गप्पें) उपविषय- विशेषण कालखण्ड- 5 मास- जुलाई	विद्यार्थी सीख पाएँगे- • पहचान • विप्लेषण 1. चांद के विभिन्न रूप 2. तिथियों का ज्ञान	रूब्रिक के लिए परियोजना, पुस्तिका, वाक्य रचना	पोर्टफोलियो, व्याख्या, वर्गीकरण गतिविधि - चांद के विभिन्न रूप	परियोजना के लिए रूब्रिक	कौशल- वाचन, चिन्तन, गायन विषय- खगोलशास्त्र, कला	हिन्दी महीनों के नाम
विषय- पाठ 5 (साथी हाथ बढ़ाना) उपविषय- मुहावरे	विद्यार्थी सीख पाएँगे-	प्रतिबिम्ब शीट, पुस्तिका	श्रव्य भाषायी, व्याख्या आगमन-निगमन	जाँचसूची का नमूना	कौशल-- वाचन, चिन्तन, गायन	बिहार का कबड्डी खेल

कालखण्ड- 6 मास-अगस्त	<ul style="list-style-type: none"> • सहयोगात्मक कौशल विकसित करना • प्रस्तुतियाँ बनाना 1. संगठन का महत्व 2. परिश्रम का महत्व		गतिविधि - कविता श्रवण		विषय- नैतिक शिक्षा, गणित	
विषय- पाठ 6 (ऐसे - ऐसे) उपविषय- वाक्य रचना कालखण्ड- 6 मास-अगस्त	विद्यार्थी सीख पाएँगे- <ul style="list-style-type: none"> • आंकलन करना • विश्लेषण 1. असत्य से हानि 2. अनुशासनहीनता के दुष्परिणाम	रूब्रिक के लिए परियोजना, पुस्तिका	व्यावहारिक, अनुच्छेद लेखन गतिविधि - वाक्य रचना	परियोजना के लिए रूब्रिक	कौशल-संवेगात्मक, चिन्तन विषय- बाल मनोविज्ञान, नैतिक शिक्षा, चिकित्सा विज्ञान	नाट्य मंचन
विषय- पाठ 7 (टिकट - अलबम) उपविषय- विशेषण कालखण्ड- 6 मास- अगस्त	विद्यार्थी सीख पाएँगे- <ul style="list-style-type: none"> • पहचान • सहयोगात्मक कौशल विकसित करना 	समकक्ष आंकलन शीट, पुस्तिका	चिन्तनशील आधारित पूछताछ, शोध। गतिविधि - डाक टिकटों का संग्रह	समकक्ष मूल्यांकन शीट।	कौशल-संवेगात्मक, चिन्तन, पठन विषय- बाल मनोविज्ञान	टिकट-अलबम

	टिकटों की पहचान					
विषय-पाठ 8 (झाँसी की रानी) उपविषय- कारक कालखण्ड- 8 मास- अक्टूबर	विद्यार्थी सीख पाएँगे- • स्मरण • अभिव्यक्ति 1. स्वतंत्रता की भावना 2. त्याग एवं युद्ध कौशल	समकक्ष आंकलन शीट, पुस्तिका, जिंगल	श्रव्य भाषायी, व्याख्या, प्रस्तुतिकरण गतिविधि - कविता रचना	समकक्ष मूल्यांकन शीट।	कौशल- वाचन, चिन्तन विषय- इतिहास	स्वतंत्रता सेनानियों का कोलाज
विषय- पाठ 9 (जो देखकर भी नहीं देखते हैं) उपविषय- संज्ञा कालखण्ड- 5 मास- अक्टूबर	विद्यार्थी सीख पाएँगे- • पहचान • मूल्यांकन . दिव्यांगों के प्रति प्रेम और सम्मान	रुब्रिक के लिए परियोजना, पुस्तिका	अनुभवात्मक गतिविधि, शोधकार्य गतिविधि - स्पर्श द्वारा वस्तुओं की पहचान	परियोजना के लिए रुब्रिक	कौशल- चिन्तन विषय- विज्ञान	पत्तों पर कलाकृति
विषय- पाठ 10 (संसार पुस्तक है) उपविषय- प्रत्यय कालखण्ड- 5 मास- नवम्बर	विद्यार्थी सीख पाएँगे- • प्रकृति चित्रण के माध्यम से ज्ञान • वैज्ञानिक दृष्टिकोण	प्रतिबिम्ब शीट, पुस्तिका	चिन्तन, पोर्टफोलियो गतिविधि - पं. जवाहर लाल नेहरू से सम्बन्धित पूछताछ	जाँचसूची का नमूना	कौशल- चिन्तन विषय- इतिहास, भूगोल	रेत कला (Sand Art)

	प्राकृतिक संसाधनों का महत्व					
विषय- पाठ 11 (मैं सबसे छोटी होऊँ) उपविषय- विलोम कालखण्ड-3 मास- नवम्बर	विद्यार्थी सीख पाएँगे- • अभिव्यक्ति • अनुमान 1. माँ की ममता 2. विलोम शब्दों का विश्लेषण	रूब्रिक के लिए परियोजना, पुस्तिका	श्रव्य भाषायी, व्याख्या, प्रस्तुतिकरण गतिविधि - कविता श्रवण	परियोजना के लिए रूब्रिक	कौशल- वाचन विषय- मनोविज्ञान	बालिकाओं की पोशाक
विषय- पाठ 12 (लोकगीत) उपविषय- संज्ञा कालखण्ड-6 मास- नवम्बर	विद्यार्थी सीख पाएँगे- • स्मरण • विश्लेषण 1. लोक संस्कृति का ज्ञान 2. भिन्न प्रदेशों के लोकगीत	समकक्ष आंकलन शीट, पुस्तिका	श्रव्य भाषायी, प्रस्तुतिकरण गतिविधि - लोकगीत गायन	समकक्ष मूल्यांकन शीट।	कौशल- वाचन विषय- संगीत	बिहार के लोकगीत
विषय- पाठ 13 (नौकर) उपविषय- लिंग कालखण्ड- 6 मास- दिसम्बर	विद्यार्थी सीख पाएँगे- • विश्लेषण • सहयोगात्मक कौशल 1. आत्मनिर्भरता	आलेख, पुस्तिका	पोर्टफोलियो, चिन्तन गतिविधि - कारीगरों से सम्बन्धित पूछताछों	जाँचसूची का नमूना	कौशल- चिन्तन विषय- इतिहास, नैतिक शिक्षा	गाँधी जी का चित्र

	2. सहयोग की भावना					
विषय- पाठ 14 (वन के मार्ग में) उपविषय- भाषा कालखण्ड- 5 मास- दिसम्बर	विद्यार्थी सीख पाएँगे- • स्मरण • विश्लेषण 1. प्रेम 2. सहयोग	समकक्ष आंकलन शीट, पुस्तिका	श्रव्य भाषायी, प्रस्तुतिकरण गतिविधि - वन्य जीवन का विश्लेषण	समकक्ष मूल्यांकन शीट।	कौशल- वाचन विषय- इतिहास	मैथिली भाषा के मुहावरे

सेंटपॉल को-एड स्कूल, आनंद नगर, भोपाल

वार्षिक पाठ्यचर्या एवं शैक्षणिक योजना 2024-25

कक्षा6.....

विषयसंस्कृत.....

शीर्षक (विषय)- कालखण्ड की संख्या कब -	सीखने के परिणाम	मूल्यांकन उपकरण	शिक्षण सीखने की रणनीतियाँ एवं गतिविधियाँ	संसाधन	अंतर अनुशासनात्मक / बहु अनुशासनात्मक	कला एकीकरण खेल एकीकरण
विषय- प्रथमः पाठः (शब्द परिचयः 1) उपविषय- पुल्लिंगः, वचन	विद्यार्थी सीख पाएँगे- • वर्ण • शब्द	पुस्तिका, समकक्ष आकलन शीट, वर्गीकरण चार्ट	पूछताछ, व्याख्या, आगमन-निगमन	जॉचसूची का नमूना	कौशल- पठन, लेखन, चिन्तन विषय- गणित, हिन्दी , कला, सामान्य ज्ञान	पुल्लिंग शब्दों चित्र तीनों वचनों में प्रदर्शित

कालखण्ड- 6 मास- अप्रैल	1. पुल्लिंग 2. वचन		श्रव्य भाषायी, सहपाठी आकलन, व्याख्या गतिविधि – पुल्लिंग शब्द की सूची बनाना			
विषय- द्वितीयः पाठः (शब्द परिचयः 2) उपविषय- स्त्रीलिंगः कालखण्ड- 4 मास- जून	विद्यार्थी सीख पाएँगे- • उच्चारण स्थान • अनुनासिक वर्ण 1. स्त्रीलिंग 2. व्यंजन	पुस्तिका, वर्गीकरण चार्ट, तुलनात्मक अध्ययन, अवधारणा नक्शा	पूछताछ, व्याख्या, आगमन-निगमन श्रव्य भाषायी, सहपाठी आकलन, व्याख्या चिन्तन गतिविधि – वचन की सूची बनाना	अवधारणा मानचित्र नमूना	कौशल- पठन, लेखन, चिन्तन विषय- गणित, हिन्दी ,कला, सामान्य ज्ञान	3D (घड़ी)
विषय- तृतीय पाठः (शब्द परिचयः 3) उपविषय- नपुंसकलिंगः कालखण्ड- 4 मास- जुलाई	विद्यार्थी सीख पाएँगे- • संज्ञा • काल 1. नपुंसकलिंग 2. बहुवचन	पुस्तिका, वर्गीकरण चार्ट, समकक्ष आकलन शीट, तुलनात्मक अध्ययन,	पूछताछ, व्याख्या, आगमन-निगमन सहपाठी आकलन, व्याख्या चिन्तन गतिविधि – लिंगों के आधार पर वर्गीकरण	समकक्ष मूल्यांकन शीट	कौशल- पठन, लेखन, चिन्तन विषय- गणित, हिन्दी ,कला, सामान्य ज्ञान	नपुंसकलिंग वस्तुओं के चित्र

<p>विषय- चतुर्थः पाठः (विद्यालयः) उपविषय- पुरुष कालखण्ड- 4 मास- जुलाई</p>	<p>विद्यार्थी सीख पाएँगे-</p> <ul style="list-style-type: none"> • शब्दार्थ • सर्वनाम <p>1. विद्यालयीन शब्द</p>	<p>पुस्तिका, वर्गीकरण चार्ट, तुलनात्मक अध्ययन, पोर्टफोलियो</p>	<p>संवाद, व्याख्या चिन्तन व्याख्या, आगमन- निगमन, प्रस्तुतिकरण गतिविधि – कक्षोपयोगी वस्तुओं के तत्सम् रूप</p>	<p>जाँचसूची का नमूना</p>	<p>कौशल- पठन, लेखन, चिन्तन</p> <p>विषय- समाजिक विज्ञान, गणित, नैतिक शिक्षा,</p>	<p>विद्यालय भ्रमण</p>
<p>विषय- पंचमः पाठः (वृक्षाः) उपविषय- कारक कालखण्ड- 6 मास- जुलाई</p>	<p>विद्यार्थी सीख पाएँगे-</p> <ul style="list-style-type: none"> • विश्लेषण • कविता पाठ <p>1. वन संरक्षण</p>	<p>पुस्तिका, प्रतिबिम्ब शीट</p>	<p>चिन्तन व्याख्या, आगमन- निगमन, प्रस्तुतिकरण गतिविधि – श्लोक श्रवण</p>	<p>अवधारणा मानचित्र नमूना</p>	<p>कौशल- पठन, लेखन, चिन्तन</p> <p>विषय- गणित, नैतिक शिक्षा, पर्यावरण</p>	<p>मधुबनी कला से वृक्ष निर्माण (पेंटिंग)</p>
<p>विषय- षष्ठः पाठः (समुद्रतटः) उपविषय- सर्वनाम कालखण्ड- 6 मास- अगस्त</p>	<p>विद्यार्थी सीख पाएँगे-</p> <ul style="list-style-type: none"> • अनुवाद • शब्दार्थ <p>1. समुद्र तटों का विश्लेषण</p>	<p>पुस्तिका, वस्तुनिष्ठ प्रश्न</p>	<p>व्याख्या, आगमन- निगमन, शब्दों का वर्गीकरण गतिविधि – भारतीय बंदरगाहों के नाम</p>	<p>जाँचसूची का नमूना</p>	<p>कौशल- पठन, लेखन, चिन्तन</p> <p>विषय- समाजिक विज्ञान, पर्यावरण, सामान्य ज्ञान, खगोल</p>	<p>रेत कला</p>

विषय- सप्तमः पाठः (बकस्य प्रतीकारः) उपविषय- अव्यय कालखण्ड- 6 मास- अगस्त	विद्यार्थी सीख पाएँगे- • सहयोग • स्वाभिमान 1. अव्यय	पुस्तिका, कहानी, प्रतिबिम्ब शीट	व्याख्या, आगमन- निगमन, समकक्ष आकलन गतिविधि – पंचतंत्र की कहानी का नाट्य प्रस्तुति करण	जाँचसूची का नमूना	कौशल- पठन, लेखन, चिन्तन विषय- समाजिक विज्ञान, गणित, नैतिक शिक्षा	बिहारे के व्यंजन
विषय- अष्टमः पाठः (सूक्तिस्तबकः) उपविषय- संधि कालखण्ड- 4 मास- अक्टूबर	विद्यार्थी सीख पाएँगे- • परिश्रम • अनुवाद 1. अच्छे बुरे का भेद 2. अनुशासन	पुस्तिका, पोर्टफोलियो	व्याख्या चिन्तन श्लोक लेखन गतिविधि – श्लोक श्रवण	समकक्ष मूल्यांकन शीट	कौशल- पठन, लेखन, चिन्तन विषय- सामान्य विज्ञान, गणित, नैतिक शिक्षा, संगीत	कक्षा में अभिनय (कौआ-कोयल)
विषय- नवमः पाठः (क्रीडास्पर्धा) उपविषय- वाक्यनिर्माण कालखण्ड-4 मास- अक्टूबर	विद्यार्थी सीख पाएँगे- • सहयोग • स्मरण 1. खेल के बारे में 2. समस्या समाधान	रुब्रिक के लिए परियोजना, पुस्तिका, आलेख	व्याख्या, आगमन-निगमन समस्या समाधान गतिविधि – 5 प्रसिद्ध खिलाड़ी के नाम	परियोजना के लिए रुब्रिक बनाना	कौशल- पठन, लेखन, चिन्तन विषय- सामान्य विज्ञान, गणित, नैतिक शिक्षा, खेल विज्ञान	कबड्डी (बिहार का खेल)

विषय- दशमः पाठ (कृषिकाः कर्मवीराः) उपविषय- विलोम कालखण्ड- 4 मास- नवम्बर	विद्यार्थी सीख पाएँगे- • परिश्रम • सहयोग 1. मौसम की जानकारी 2. विलोमपद पहचान	पुस्तिका, पोर्टफोलियो (किसान)	व्याख्या, आगमन- निगमन, श्लोक लेखन , उदाहरण गतिविधि – अनाजों के नाम	जाँचसूची का नमूना	कौशल- पठन, लेखन, चिन्तन, सृजन, रचना विषय- कृषि विज्ञान, सा. ज्ञान, नैतिक शिक्षा, हिन्दी	रोपणकार्य (बीज)
विषय- एकादशः पाठः (दशमः त्वम् असि) उपविषय- संख्या कालखण्ड- 4 मास- दिसम्बर	विद्यार्थी सीख पाएँगे- • प्रत्युत्पन्नमति • एकता 1. संख्यावाची शब्द 2. अनुवाद	पुस्तिका, समकक्ष आकलन शीट	व्याख्या, आगमन- निगमन, श्लोक लेखन , उदाहरण अनुभवात्मक गतिविधि – छात्र गणना	समकक्ष मूल्यांकन शीट	कौशल- पठन, लेखन, चिन्तन विषय- अन्तरिक्ष विज्ञान, गणित, शारीरिक शिक्षा	संख्याओं की 3D
विषय- द्वादशः पाठः (विमानयानं रचयाम) उपविषय- विभक्ति कालखण्ड- 6 मास- दिसम्बर	विद्यार्थी सीख पाएँगे- • विश्लेषण • रचनात्मक 1. अंतरिक्ष ज्ञान 2. विभक्ति	पुस्तिका, कविता श्रवण, आलेख	व्याख्या, आगमन- निगमन, श्लोक लेखन , उदाहरण गतिविधि – कविता निर्माण	अवधारणा मानचित्र नमूना	कौशल- पठन, लेखन, चिन्तन विषय- अन्तरिक्ष विज्ञान, गणित, भूगोल	बिहार की वेधशाला का चित्र
विषय- त्रयोदशः पाठः (अहह आः च) उपविषय- लकार कालखण्ड-6	विद्यार्थी सीख पाएँगे- • कर्तव्यनिष्ठा	पुस्तिका, अनुवाद कहानी विस्तार, घटनाक्रम	व्याख्या, आगमन- निगमन, उदाहरण	जाँचसूची का नमूना	कौशल- पठन, लेखन, चिन्तन, रचना	शहद का विज्ञान

मास- जनवरी	• अच्छे बुरे का भेद 1. जीव जन्तुओं का महत्व		समस्या समाधान गतिविधि – कहानी श्रवण		विषय- सा. ज्ञान, गणित, नैतिक शिक्षा, पर्यावरण	

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class : VI

Subject : MATHEMATICS

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Chapter 1 Knowing Our Numbers Sub-topics : <ul style="list-style-type: none"> Comparing numbers Indian system of numeration International system of numeration Operation on numbers No. of Periods: 10	Students will be able to: <ul style="list-style-type: none"> Arrange the digits of a given number and make smaller and bigger numbers Express the given numbers in Indian and International system of numeration. Solve problems related to daily life by operating the given numbers. 	Note book (exercises) Rubrics for activity (comparative study on numbers)	Lecture cum Explanation Interactive Activity: Comparative study of numbers.	Rubrics for notebook	Skill: Organisational Numeracy Problem solving Calculative Subject Involved: Science	Visual: Comparative study on Indian and International number system

Month: April						
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Class : VI

Subject : MATHEMATICS

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Chapter 2 Whole Numbers Sub-topics : <ul style="list-style-type: none"> • Introduction • Predecessor & successor • Number Line No. of Periods: 4 Month: April	Students will be able to: <ul style="list-style-type: none"> • Classify between natural numbers and whole numbers • Form the predecessor and successor of given number • Represent the numbers on number line and perform number operation 	Note book (excercises) Peer Assessment Sheet (Quiz/MCQ's)	Lecture cum demonstration Activity: Match box activity	Rubrics for note book Sample of peer assessment sheet	Skill: Observational Numeracy Subject Involved: Science	3D Model: Match box Activity (showing successor and predecessor)

Class : VI

Subject : MATHEMATICS

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration

Topic : Chapter 3 Playing With Number Sub-topics : <ul style="list-style-type: none"> • Factors and multiples • Prime and composite numbers • Test for divisibility of numbers • Common factors and common multiples • Prime factorisation • HCF and LCM No. of Periods:15 Month:June	Students will be able to: <ul style="list-style-type: none"> • Determine the factors and multiples of given numbers • Determine prime and composite numbers • Apply rules of divisibility to check whether a given number is divisible • Apply the concept of HCF and LCM in order to solve problems in a real life situation 	Reflection sheet (Sieve of Eratosthenes)	Constructivism Group discussion Activity: Sieve of Eratosthenes	Sample of reflection sheet	Skill: Calculative Problem solving Subject Involved: Physics	Visual: Sieve of Eratosthenes

Class : VI

Subject : MATHEMATICS

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Chapter 4	Students will be able to:	Concept based questions	Demonstration	Sample sheet of Concept based questions	Skill: Designing	Sports:

Basic Geometrical Ideas Sub-topics : <ul style="list-style-type: none"> Line segment Lines and its types Curves Polygons Angles No. of Periods: 12 Month: July	<ul style="list-style-type: none"> Differentiate between line and line segment. Examine the given lines and identify types of lines. differentiate between different types of curves Indicate number of sides, vertices and diagonals a polygon has. Construct the angles and name them. 	(questionnaire)	Experiential Collaborative Activity: Observing basket ball court to find different shapes.		Critical thinking Subject Involved: Art	Observing basket ball court to find different shapes
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Class : VI

Subject : MATHEMATICS

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Chapter 5 Understanding Elementary Shapes Sub-topics : <ul style="list-style-type: none"> Measuring line segments Types of angles Perpendicular lines Classification of triangles Quadrilaterals 	Students will be able to: <ul style="list-style-type: none"> Measure and compare given line segments. Identify and classify different types of angles in our surroundings. Identify perpendicular lines. classify triangles based on sides and angles. Types of quadrilaterals based on properties 	Note book (excerises) Assessment sheet for project	Interactive Demonstrative Explanation Activity: Forming polygons using matchsticks	Rubrics for notebook Sample sheet for project	Skill: Observational Analytical Thinking Subject Involved: Architecture	Visual: Forming polygons using matchsticks

<ul style="list-style-type: none"> polygons and its types 	<ul style="list-style-type: none"> classification of polygons. 					
No. of Periods: 12						
Month: July						

Class : VI

Subject : MATHEMATICS

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Chapter 6 Integers Sub-topics : <ul style="list-style-type: none"> Introduction of integers on number line Representation of integers on number line Addition and subtraction of integers No. of Periods: 10 Month: August	Students will be able to: <ul style="list-style-type: none"> differentiate whole numbers and integers Denote numbers with their signs and apply in real life situation. Represent addition and subtraction of integers on a number line. Solving problems based on integers. 	Concept based questions (Quiz/MCQs/ HOTS)	Collaborative Behavioral Activity: Working model on addition and subtraction of integers.	Rubrics for Quiz Sample sheet for MCQs / HOTS	Skill: Reasoning Problem solving Critical thinking Subject Involved: Physics	3D model: Working model on addition and subtraction of integers.

Class : VI

Subject : MATHEMATICS

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or
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No. of Periods :						Sports Integration
When:						
Topic : Chapter 7 Fraction Sub-topics : <ul style="list-style-type: none"> • Introduction • Fractions on number line • Types of fractions • Equivalent fractions • Reducing to lowest form • Like and unlike fractions • addition and subtraction of fractions. No. of Periods: 15 Month: August	Students will be able to: <ul style="list-style-type: none"> • Represent a number as part of a whole and determine the fraction. • Represent the fractions on a number line. • Classify different types of fractions • perform cross multiplication to find equivalent fractions. • Identify like and unlike fractions. • Convert the given fraction into its equivalent fraction and perform addition and subtraction. 	Note book (exercises) Rubrics for project.	Lecture cum demonstrative Inductive Deductive Activity: Prepare a fraction wheel showing different tribes of Bihar	Checklist for note book Rubrics for project	Skill: Calculative Computational Subject Involved : Physics/ Economics	Partner state: Fraction Wheel

Class : VI

Subject : MATHEMATICS

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						
Topic :	Students will be able to:	Note book	Explanation	Checklist for note book	Skill:	Visual:

Chapter 8 Decimals Sub-topics : <ul style="list-style-type: none"> Comparing decimals Using decimals Addition and subtraction of decimals No. of Periods:14 Month: October	<ul style="list-style-type: none"> Compare the units and parts of the decimal numbers and compare them as a whole Convert money, length and weight in decimal form. Add and subtract the whole and parts of decimal numbers and find their sum and difference. 	Reflective Sheet	Inductive Activity: Prepare a decimal dinner menu and a find its sum.	Sample of reflection sheet.	Logical reasoning Problem solving Subject involved: Commerce	Decimal dinner menu
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Class : VI

Subject : MATHEMATICS

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Chapter 9 Data Handling Sub-topics : <ul style="list-style-type: none"> Introduction Organisation of data Pictograph Interpretation of pictograph 	Students will be able to: <ul style="list-style-type: none"> Observe different tables and gather the information recorded in the table of data Organize raw data into a table using a tally marks. 	Note book (Extra questions) Rubrics for project	Lecture cum demonstration Experiential Activity: Using information media:	Rubrics for notebook Rubrics for project	Skill: Analytical thinking Data analysis Subject Involved: mass media	Visual: Pictograph

No. of Periods: 8	<ul style="list-style-type: none"> Observe and understand pictograph representation of data 		Prepare a pictograph to represent the number of factories manufacturing food products in Bihar.			
Month: October and November						

Class : VI

Subject : MATHEMATICS

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Chapter 10 Mensuration Sub-topics : <ul style="list-style-type: none"> Perimeter Area No. of Periods:15 Month: November	Students will be able to: <ul style="list-style-type: none"> Deduce and apply the formula to determine the perimeter of a square and a rectangle Deduce and generalize the formula to determine the perimeter of a regular polygon Deduce and apply the formula and determine the area of a square and a rectangle 	Notebook (exercises) Peer assessment sheet	Interactive Demonstrative Deductive Activity: Make a chess board and calculate its area	Checklist for notebook Sample of peer assessment sheet	Skill: Logical reasoning Problem solving Calculative skill	Model: Chess board

Class : VI

Subject : MATHEMATICS

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration

Topic : Chapter 12 Ratio and Proportion Sub-topics : <ul style="list-style-type: none"> Ratio Proportion Unitary method No. of Periods:16 Month:December	Students will be able to: <ul style="list-style-type: none"> Represent two quantities in the same unit and compare them and find their ratio. Compare ratios and determine whether they are in proportion. Solve daily life problems with the help of unitary method. 	Notebook (MCQs) Reflection sheet	Deductive Explanation Activity: Prepare a working model of ratio and proportion using colored sheets and cardboard	Rubrics for note book Rubrics for reflection sheet	Skill: Problem solving Calculative Subject Involved: Physics and chemistry	Model: Working model of ratio and proportion

ST. PAUL'S CO-ED SCHOOL, BHOPAL

Annual Curriculum and Pedagogical Plan

Class: VI

Subject: SCIENCE

Topic : No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Chapter 1-Topic- *Components of Food Sub-topics- *Test for Components of Food *Functions of Various Nutrients	Students will be able to: *Identify and explain the major nutrients of food. *Describe the role of balanced	*Concept map of 'Major Nutrients of Food' *Notebook (Q/A and Diagrams)	Approach –*Interactive method *Experiential method Activity –*Problem Solving activity	Concept Map Notebook	Life skills – *problem solving *critical thinking * collaboration Subject – Social Science	Art Integration- Culinary Art – Salad making (MP and Bihar)

*Balanced Diet *Deficiency Diseases No. of Periods - 12 Month- April	diet and develop healthy food habits. *Interpret the effect of deficiency of a nutrient.					
Chapter 2 – Topic- *Sorting Materials into Groups Sub-topics *Properties of materials (Appearance, Hardness, Solubility, Float/Sink, Transparency) No. of Periods - 12 Month – April and June)	Students will be able to *Identify the objects based on the properties. *Explain the purpose of sorting things *Differentiate the objects on the basis of transparency.	*Peer Assessment Sheet * Rubrics for Notebook	Approach *Inductive Method *Reflective Inquiry Based Activity – Peer Assessing (Reasoning Questions)	*Peer Assessment Sheet *Notebook	Life skills *Critical thinking *Collaboration *Creative thinking	Art Integration – Madhubani Painting on opaque and transparent objects
Chapter 3 – Topic- *Separation of Substances Sub topics - * Methods of Separation No. of Periods – 15 Month - July	Students will be able to – *Interpret the need for separation of substances. *Apply different methods to separate the components of mixture.	*Reflection sheet *Notebook	Method – *Induction Method *Problem Solving *Experiential Method Activity - *Presentation	*Reflection Sheet *Notebook	Life skills - *Collaboration *Creative thinking Subject - Maths	Art – *Visual (Chart – Diagrammatic Representation) *Performing experiment

<p><u>Chapter 4 – Topic-</u> *Getting to Know Plants <u>Sub topic</u> – *Types of plants on the basis of size * Parts of plants and their functions (stem, leaf , root , flower) <u>No. of periods</u> – 12 <u>Month</u> - October</p> <p><u>Chapter 5 - Topic -</u> *Body Movement <u>Sub topic</u> – *Human body and its movement * Joints * Gaits of animals <u>No. of periods-</u> 14-15 <u>Month</u> – October</p> <p><u>Chapter 6 - Topic -</u> *Living Organisms <u>Sub topic</u> – *Habitat and adaptation * Different habitats -Terrestrial -Aquatic * Characteristics of organisms</p>	<p>Students will be able to – *Identify the types of roots, types of venation and parts of flower of the plant. *Analyse the parts of the plant and their functions. *Draw well labelled diagram of flower.</p> <p>Students will be able to – *Recognize the various types of movements in human body. *They will explore different types of joints, framework, cartilages and muscles contraction and relaxation. *Student will develop heightened awareness of their body; also learn the movement of various animals.</p>	<p>*Notebook *Rubrics for project (diagrams)</p> <p>*Reflection sheet *Notebook</p> <p>*Concept map of different types of habitat *Notebook (Q/A and Diagrams) *Peer Assessment Sheet</p>	<p><u>Method</u> – *Explanatory method *Experiential method <u>Activity</u> – Presenting</p> <p>*Explanatory method *Experiential method *Yoga and physical exercise</p> <p>*Explanation of topics with inductive method</p>	<p>*Notebook *Rubrics for project</p> <p>*Reflection sheet on types of joints *Checklist sample</p> <p>*Concept map sample *Notebook (Q/A and Diagrams) *Peer Assessment Sheet (MCQ)</p>	<p>Inter-disciplinary/ Multi-disciplinary</p> <p>Life Skills - Creative Thinking - Critical Thinking - Collaboration</p> <p>Subjects Involved - English</p> <p>Life Skills - Creative Thinking - Critical Thinking</p> <p>Subjects Involved - English</p>	<p><u>Art Integration -</u> Herbarium (2D)</p> <p>*Sports as Football, cricket etc.</p> <p>*Different types of Habitat shown with madhubani art</p>
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<p><u>No. of periods-</u> 14-16 <u>Month</u> – October</p> <p><u>Chapter 7 - Topic -</u> *Motion and measurement of distance <u>Sub topic</u> – *Transport * Measurement</p> <p>* Correct way of measuring</p> <p>*Motion and its types</p> <p><u>No. of periods-</u> 10-12 <u>Month</u> – October</p> <p><u>Chapter 8 - Topic -</u> *Light, shadow and reflection. <u>Sub topic</u> – *Transparency * Shadow</p> <p>* Pinhole camera</p> <p>*Mirror and reflection</p> <p><u>No. of periods-</u>08-10 <u>Month</u> – October</p> <p><u>Chapter 9-Topic</u> Electricity and Circuits Sub-topics : 1. Electric Cell</p>	<p>Students will be able to – *learn different habitat as -Terrestrial -Aquatic</p> <p>*They will be able to differentiate between terrestrial and aquatic organisms habitat *Student will develop to recognize the characteristic of living organisms.</p> <p>Students will be able to – *learn and implies the concept of measurement</p> <p>*They can practice the measurement in their daily life *They can able to recognize different types of motion</p>	<p>*Concept map</p> <p>*Notebook (Q/A and Diagrams)</p> <p>*Reflection sheet *Peer Assessment Sheet *Notebook (Q/A and Diagrams)</p> <p>Peer Assessment Sheet (questions and Electric Circuit diagrams) Rubrics for Notebook</p>	<p>*Explanation of topics with inductive method *Demonstration *Hands on experiment *Experiential learning</p> <p>*Explanation of topics with inductive method *Demonstration *Hands on experiment *Experiential learning</p> <p>Approach Explanatory Method Experiential (Inductive)</p> <p>Making Models (Electric Circuit,Torch - homemade) Researching(different arrangements of electric cell and a bulb)</p>	<p>*Check list for Concept map *Rubric Notebook</p> <p>*Check list for reflection sheet *Check list for peer assessment *Rubric for Notebook</p>	<p>Life Skills</p> <ul style="list-style-type: none"> - Critical Thinking - Decision Making - Self awareness - Interpersonal Relationship (while experimentation) <p>Subjects Involved English/Maths/Social Science</p>	<p>*Finding surface area of a room</p> <p>*Shadow formation</p> <p>Visual Diagrams Electric Circuit (3D)</p>
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<p>2. An Electric Circuit</p> <p>3. Electric Switch</p> <p>4. Electric Conductors and Insulators</p> <p>No. of Periods: 10-12</p> <p>Month: November</p> <p><u>Chapter-10 Topic :</u> Fun with Magnets Sub-Topics : *Discovery of Magnet *Magnetic, Non-Magnetic materials *Properties of Magnets</p> <p>No. of periods : 10-12</p> <p>Month - December</p> <p><u>Chapter-11Topic</u> Air Around Us</p> <p>No. of periods :</p>	<p>Students will be able to – *Illustrate the concept of transparency</p> <p>*They will perform shadow formation by using different objects.</p> <p>*They will experiment the reflection by resource available</p> <p>Students will be able to - Identify the terminals, applications etc about cell</p> <p>Analyse - to connect a cell and to make an electric circuit Importance of Electric Switch</p> <p>Difference between conductors and insulators</p>	<p>Peer Assessment Sheet(MCQ/classify magnetic and non magnetic)</p> <p>Rubrics for Notebook</p> <p>Peer Assessment Sheet (Short Questions) Rubrics for Notebook</p>	<p>Approach - Explanation/Demonstration Method Experiential Activities Making of concept map (related to sub topics)</p> <p>Approach Explanatory Method Experiential Inductive method Activities Peer Assessment Activities to examine presence of air around us(soil contains air)</p> <p>Depict the composition of air using pie chart</p>	<p>Peer Assessment Sheet Rubrics for Notebook</p> <p>Peer Assessment Sheet(MCQ) Rubrics for Notebook</p>	<p>Art Visual Drawing different types of magnets using art forms of Bihar</p> <p>Art Integration 3D (making of firki, weather cock)</p>
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10-12 Month : January	<p>Evaluate to make an electric circuit - diagrammatically, using components</p> <p>Students will be able to - Identify - the types of magnets, Magnetic and Non-magnetic material Analyse - What happens when two magnets are placed together in order to conclude the properties of magnets Evaluate- Classify substances as magnetic/non-magnetic Creating an artificial magnet</p> <p>Students will be able to - Identify - Composition of air</p>			Peer Assessment Sheet(Short Questions) Rubrics for Notebook		
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	Availability of Oxygen to Animals and Plants (source) Analyse - Air is found everywhere Plants and Animals depend on each other for exchange of Oxygen Evaluate -The importance of air for the sustenance of life on Earth					
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ST. PAUL'S CO-ED SCHOOL, BHOPAL

Annual Curriculum and Pedagogical Plan

Class: VI

Subject Social Science

Topic : No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: History L.1 Introduction – What where ,How and When. Sub-topics- 1. What can we know about the past. 2. Finding about the past .	Students will be able to: *Identify themajor developments of history . *Illustrate the sources to reconstruct the history .	Notebook	Method: *Lecture cum explanation. * Interactive Activity: prepare a manuscript of ancient period.	Checklist for notebook.	Life skills: Observation al, logical thinking. Subject: Arts	Visual art . (Preparation of manuscript)

3.What do dates mean ? No. of Periods: 3 Month: April	* Understand the significance of geographical terms used during the time frame .					
Topic: Pol Sci. Ls 1 Understanding Diversity. Sub-topics: *What is diversity ? *What it adds to our lives ? * Diversity in India and unity in diversity . No. of Periods: Month: April	*Appreciate various forms of diversity in their everyday lives . *Learn about diversity in India. *Recognise unity in diversity.	*Group Discussion	Method: *Active learning, *Peer teaching. Activity: Activity on understanding diversity.	Sample of Reflection sheet.	Life skills: Collaboration, Communication. Subject: English	Sports- Inclusion of diversity in sports.
Topic: Pol Sci. Ls 2 (Diversity and discrimination) Sub-topics: *Differences and prejudices. *Creating stereotypes *Inequality and discrimination. *Striving for equality. No. of Periods- Month: June	*Differentiate between differences and prejudice. *Explain the meaning of stereotypes. *Access the feeling of being discriminated against. *Understand why constitution compels to respect diversity	Reflection sheet.	Method: *Explanation, interactive. Activity: HOTS Questions.	Sample of reflection sheet.	Life skills: *Critical thinking *Knowledge application. Subject: Value Education.	Sports – Gender discrimination in sports.
Topic: Geography Ls 1 The Earth in the solar system.	*Define celestial bodies	Notebook (MCQ)	Method: *Explanation *Observation Activity:	Checklist for notebook.	Life skills: Creativity, Logical thinking	Performing Art

Sub-topics: *Introduction to various celestial bodies. *The solar system and its components. No. of Periods: Month: June	*Describe solar system and the unique place of the earth		Draw solar system using Mandala art.		Subject: arts	(Drawing on solar system)
Topic: History LS --2 (From hunting gathering to growing food) Sub-topics: *The earliest people and why there were on the move . *Choosing a place to live. *Beginning of farming and herding. *Sources of first farmers and herders No. of Periods: Month: July	*Appreciate the diversity of the early domestication. *Analyse the skill and knowledge of the hunter gatherers. *Identify stone artifacts as archeological evidences.	Notebook (Quiz)	Method: * Lecture cum explanation. *Interactive Activity: Sow some cereals in a pot. Observe the growth and show different stages of its growth with the help of a chart.	Checklist for notebook.	Life skills: Experiential learning ,Social responsibility Subject: Biology	Visual observation of growth of a plant.
Topic: Pol Sci. LS-3 What is government ? Sub-topics : *Concept and levels of government. *Types of Government. *Significance of democratic government. No. of Periods: Month: July	*Gain a sense of why the government is required? *Recognize the need of universal adult franchise. *Explain different level and different types of government. .	Reflection sheet.	Method: Explanation, Active learning Approach: Activity : Prepare a table showing different kinds of government and with three examples of each.	Sample of reflection sheet.	Life skills: *Knowledge application *Conceptual learning Subject: Geography	Art (Preparation of concept map)

Topic: Geo Ls-2 Latitudes and longitudes Subtopics: *Important lines of latitudes. *Heat zones and time zones of the earth.	*Describe the importance of the globe. *Identify the lines of the Latitudes and longitudes. *Classify different heat zones and time zones of the earth.	Checklist (textbook exercise)	Method: Explanation, Demonstrative Activity: Name the important lines of latitudes with their respective degrees.	Sample of checklist	Life skills: *Critical thinking, analytical skills Subject: Maths	Visual art- Draw important line of latitude.
History L.3 In the earliest cities . Sub-topics: *The story of Harappa. *Types of houses and architecture *Life, tools, food etc of these cities. *Mystery of the end. No. of Periods: 4 Month: August	*Gain the knowledge of the settlement pattern and unique architecture. *Analyze Harappan life style. *Discuss the end of the civilization.	Rubric for project .	Method- *Explanation, visualization. Activity – *Collect the pictures of Indus valley civilization. Write two lines about each picture.	Rubric for project	Life skills: Critical thinking , Resilience . Subject: Architectural science .	
Topic: History Ls-4 What books and burials tell us.	*Compare the people in the vedic	Reflection sheet.	Method- Explanation, didactic	Sample of reflection sheet	Life skills: Conceptual learning,	Art Marking of Burial sites.

Sub-topics: *Oldest literary sources. *Contents of rigveda *Story of the megaliths. *Case study on Inamgaon. No. of Periods: Month: August)	period from the present day. *Explain the role of megaliths as burial site.	Notebook .Exercises)	Questioning. Activity – Locate all the Megalithic sites on the political map of India.		Knowledge application. Subject: Geography	
Topic .Geo Ls-3 Motions of the earth Sub-topics: *Different motions of the earth. *Leap year *Solstice and equinox No. of Periods:3 Month: August	*Understand the two motions of the earth and their effects. * Access earth's orbit and formation of leap year. *Identify winter and summer solstice.	Notebook (MCQ and quiz)	Method: Explanation Observational Activity: Write and compare the duration of rotation of each planet in the solar system.	Checklist for notebook	Life skills: Logical thinking, Conceptual learning Subject: Maths	
Topic Geo Ls-4 Maps Sub-topics: *Definition and types of maps. *Components of maps. *Cardinal points and symbols No. of Periods:5-6 Month: August	*Develop basic skills of map reading. *Differentiate between various types of maps. *Analyze the components of maps. *Draw sketch or plan.	Peer assessment	Method: Reciprocal teaching, explanation Activity: Draw some of the major conventional symbols with their meanings.	Sample of peer assessment sheet	Life skills: Knowledge application Conceptual learning Subject: Maths	Visual art- Drawing of conventional symbols.
Topic History Ls -6	*Outline the basic tenets of	Rubric for activity.	Method:	Rubrics for activity.	Life skills :	

<p>New questions and ideas.</p> <p>Sub-topics:</p> <p>*The story of Buddha and Mahavira</p> <p>*Teachings of Buddha and mahavira</p> <p>*Upanishads, sangha and system of ashrams.</p> <p>No. of Periods:</p> <p>Month:Oct</p>	<p>ancient system of thought and the context in which they were develop and flourished.</p> <p>*To appraise the teachings of Buddhism ,Jainism and the Upanishads.</p>		<p>Explanation interactive.</p> <p>Activity :</p> <p>Visit any jain temple and list any 5 teachings of Mahavira .</p>		<p>Communication skill</p> <p>Collaboration</p> <p>Subject: English</p>	
<p>Topic Geo</p> <p>LS – 5</p> <p>Major Domains of the Earth.</p> <p>Sub-topics</p> <p>*Different spheres of the Earth.</p> <p>*Continents, oceans and layers of atmosphere.</p> <p>*Importance of biosphere.</p> <p>No. of Periods: 4</p> <p>Month: October</p>	<p>*Understand the interrelationship of the realms of the Earth.</p> <p>*Describe each domain with its importance.</p>	Notebook	<p>Method:</p> <p>Lecture cum explanation</p> <p>Demonstration</p> <p>Activity:</p> <p>Formation of mind map.</p>	<p>Checklist For Notebook.</p>	<p>Life skills:</p> <p>Self awareness.</p> <p>Interpersonal skill.</p> <p>Subject: Science</p>	Visual
<p>Topic His - L.7</p> <p>From a kingdom to an empire.</p> <p>Sub-topics :</p> <p>*Difference between an empire and a kingdom.</p> <p>*Ashoka the ruler.</p> <p>*War of kalinga</p>	<p>*Identify the concept of empire and to differentiate it from a kingdom.</p> <p>*Recollect the effects of Kalinga</p>	Concept map.	<p>Method :</p> <p>Lecture Cum Explanation.</p> <p>Interactive</p> <p>Activity:</p> <p>Make a timeline of the Mauryan Dyansty.</p>	<p>Checklist for notebook.</p>	<p>Life skills:</p> <p>Empathy</p> <p>Assertiveness.</p> <p>Subject: Geography</p>	

*Ashok's Dhamma No. of Periods: Month : November	war and significance of Ashoka's Dhamma.					
Topic: Pol.sci Ls -5 Panchayati Raj Sub-topics: *Gram Sabha Gram Panchayat and their roles. *Levels of Panchayat. *Duties of Panchayat and sources of funds. No. of Periods: Month: November	*Interpret the working of the Panchayati Raj and appreciate its importance. *Assess the local governance at village level *Enlist the three levels of government.	Concept map.	Method: Explanation Visual learning Activity: Flow chart stating Three tier system of panchayati Raj.	Sample of concept map.	Life skills: Knowledge application Conceptual learning Subject: History	Visual
Topic: Political Science Ls-6 Sub topics : *Rural administration. *A village scene *Functions and composition of the police station *Tehsildaar and his functions. *The Hindu succession amendment act. No. of Periods: 3 Month: November	*Be familiar with the administrative services in rural areas. *Explain the jurisdiction and work of police station in village. *Explain the Hindu succession amendment act 2005.	Notebook MCQ's Quiz	Method: Explanation Interactive Activity: Slogan writing (Awareness on cleanliness)	Checklist for notebook	Life skills: Self awareness Collaboration Subject: Humanity	
Topic geography Ls-5 Our country India Sub-topics	*Classify Municipal	Reflection sheet.	Method -Explanation -Collaborative Interactive	Sample of reflection sheet.	Life skills-	

Location setting -India's neighboring countries . -Political and administrative divisions -Physical divisions No. of Periods Month-December Topic Pol. Sci. L-7 Urban Administration Sub-topics *The nagar Panchayat *Composition, functions and sources of income. No. of Periods Month- January	Corporation and its levels. *Municipal corporation elections, sources of funds and decision making.		Activity – Case study		*Social responsibility *Leadership Subject – Citizenship	

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan
2024-2025

Class: 6

Subjects: Computer

Topic /Sub-topic/ topic/No. of periods/Month	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: CHAPTER-2 Working in Ms Excel 2019 Sub-topics: <ul style="list-style-type: none"> • Worksheet, workbook and cell addresses • Using Autosum and Sorting • Entering data, Autofill, moving and copying of data • Using formulas with relative and absolute referencing No. of Periods: 8 Month: April	Students will be able to: <ul style="list-style-type: none"> • Enter and edit data in MS Excel • Copy, Move, Sort data in MS Excel • Demonstrate to use Relative referencing, Absolute referencing and Mixed referencing 	Peer Assessment (Practical Activity)	Approach: Explanation Demonstration Interactive Experiential Collaborative Activity: Peer assessing during practical in lab.	Peer Assessment sheet	Life skills: Communication Critical and Analytical thinking Organization Analysis Management Subject: Maths	Chart on Components of Excel Screen

Topic: CHAPTER-3 Advanced features of Excel Sub-topics: 1) Formatting data and Worksheet structure 2) Selecting a row or column and changing its height and width 3) Inserting a blank row and column 4) File Operations No. of Periods: 6 Month: June	Students will be able to: <ul style="list-style-type: none"> • Use formatting features to enhance the look and structure of worksheet • Save, Open, Close, Print a Workbook. 	Peer Assessment (Practical Activity)	Approach: Explanation Demonstration Interactive Experiential Collaborative Activity: Peer assessing during practical in lab.	Peer Assessment sheet	Life skills: Communication Organization Analysis Management Subject: Maths	Design a worksheet showing information or data about Bihar.
Topic: CHAPTER-1 About computer languages Sub-topics: 1) About computer languages 2) Popular computer languages 3) About software 4) Types of Software No. of Periods: 6 Month: July	Students will be able to: <ul style="list-style-type: none"> • Differentiate between computer languages and software • Explore popular computer languages and softwares 	Concept map on Types of Software	Approach: Explanation Interactive Activity: Making of Concept maps	Sample of concept map	Life skills: Analysis Organization Subject : English / Hindi / Sanskrit	Info graphic on computer languages

Topic: CHAPTER-8 Web and Digital Citizenship Sub-topics: 1) Common fields in E-mails and their purpose, managing the address book. 2) Adding signatures, spam control and E-mail etiquette 3) Search terms and search techniques 4) Learning about Digital Citizenship No. of Periods:6 Month: August	Students will be able to <ul style="list-style-type: none"> • Work with emails • Learn email etiquettes • Using effective search terms and techniques • Evaluating search results and adjusting search strategy as necessary • Learn the guidelines to use the internet safely 	Concept map on search techniques	Approach: Explanation Interactive Activity: Making of Concept maps	Sample of concept map	Life skills: Memorizing Organization Communication Digital ethics and literacy, Online safety Subject : English	Infographic on Internet safety
Topic: CHAPTER-5 Introducing Python Sub- topics: 1) Features of Python 2)Data types and variables in Python 3) Python in Shell and Script mode	Students will be able to : <ul style="list-style-type: none"> • Learn and use data types, variables in Python • Work with both modes-Shell and Script mode • Learn how to download, install python, various functions of python • Use Print () function 	Peer Assessment (Practical Activity)	Approach : Explanation Demonstration Interactive Experiential Collaborative Activity :	Peer Assessment sheet	Life skills : Logical thinking Problem solving Subject : English and Maths	Chart on components of IDLE Python window

4) Downloading and Installation 5) Various functions of Python 6) Using the Print () function No. of Periods:8 Month: October			Peer assessing during practical in lab.			
Topic: CHAPTER-6 Conditions in Python Sub-topics: 1) Operators and Operands 2) Different types of operators 3) Various types of control structures 4) Working with if-else and if-elif...else No. of Periods:8 Month: November	Students will be able to: <ul style="list-style-type: none"> • Build basic programs using fundamental programming constructs like variables, conditional logic, functions • Work with user input to create fun and interactive programs 	Peer Assessment (Practical Activity)	Approach : Explanation Demonstration Interactive Experiential Collaborative Activity : Peer assessing during practical in lab.	Peer Assessment sheet	Life skills : Logical thinking Problem solving Subject : Maths	Working of traffic lights using conditional statements through flowchart
Topic: CHAPTER-9 Learning about Artificial Intelligence Sub-topics: 1) About Artificial intelligence	Students will be able to: <ul style="list-style-type: none"> • Describe the concepts, theories used in Artificial intelligence. • Know how advanced technology data and analytics 	Concept map on IOT	Approach : Explanation Interactive Activity :	Sample of concept map	Life skills : Creativity Problem solving Collaboration Subject : Science	Chart on any five features which your smart city should have in next five years

2) Future of AI 3) The concept of IoT 4) The concept and features of Smart home and Smart city No. of Periods:6 Month: December	can be used to give a decent quality of life to the citizens.		Making of Concept map			
Topic: CHAPTER-10 The Concept - Data Science Sub-topics: 1) About Data Science 2) About a Data scientist 3) The Data science process 4) Career and Learning path of a data scientist 5) Future scope of data science No. of Periods:4 Month: January	Students will be able to: <ul style="list-style-type: none"> • Develop the ability to build and assess data-based models • Students will apply data science concepts and methods to solve problems in real-world contexts and will communicate these solutions effectively 	Concept map- data science process	Approach : Explanation Interactive Activity : Making of concept maps	Sample of concept map	Life skills : Analytical thinking Problem solving Computing Collaboration Subject : Maths	Chart on Roadmap for data scientist

Topic : No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary / Multi-disciplinary	Art Integration or Sports Integration
Topic: History L.1 Introduction –Changes through a thousand years. Sub-topics- 1.New and Old terminologies 2. Historians and their sources 3. New social and political groups. 4. Old and new religions 5. Region and Empire No. of Periods: 6 Month: April	Students will be able to: *Analyse the changes in the meaning of some terms over time. *Identify the sources used by the historians to reconstruct the history of medieval India	Notebook (short note)	Method: *Explanation * Reflective Activity: draw a Persian wheel and write a short note on it.	Checklist for notebook.	Life skills: Problem solving Analytical skills Subject: Science	Games of medieval period (Chess)
Topic: Pol Sci.	*Define the mission and vision of the	Peer	Method: *Collaborativ	Sample of Peer Assessme	Life skills: Collaborati	Visual art-Poster making on

Lesson 1 On Equality Sub-topics: 1. Equal rights to vote 2. Other kinds of inequality 3. Equality and other issues in democracy. No. of Periods: 6 Month: April	values of Indian constitution * Describe the importance of the ideals of equality and dignity in democracy. *	Assessment Sheet *Group Discussion	Learning *Peer teaching. Activity: Group discussion on various inequalities that prevail in our society.	Assessment sheet.	Learning, Critical Thinking Subject: English	gender equality
Topic Geo: L-1 Environment Sub-topics: *Some facts about natural environment and its component. *Eco system and human environment. No. of Periods- 6 Month: June	*Define Environment *Explain various components of environment *Analyse the change in environment due to natural and human factors	Rubrics for project	Method: *Explanation , Discussion Activity: Write a slogan on save environment	Rubrics for project	Life skills: *Creative thinking *Social responsibility Subject: Science	Visual art-Drawing
Topic: Political Lesson 2 Role of the government in	*Define health and explain its importance. *Describe the	Rubrics for projects	Method: *Explanation *Interactive	Rubrics for projects	Life skills: Engaged learning Logical	Performing Art

<p>health</p> <p>Sub-topics:</p> <p>*Indian Health care system and equality</p> <p>* Explanations and inferences through various experiences.</p> <p>No. of Periods: 7</p> <p>Month: June</p>	<p>condition of health care in India</p> <p>* Differentiate between private and public health care in India</p>		<p>Activity:</p> <p>Prepare a table comparing public and private health care services in your locality</p>		<p>thinking</p> <p>Subject: Humanity</p>	
<p>Topic: History</p> <p>Units --2 New Kings and Kingdoms</p> <p>Sub-topics:</p> <p>*The emergence of New dynasties</p> <p>*Administrative structure, Prashasti and grant</p> <p>*Warfare for wealth</p> <p>No. of Periods:6</p> <p>Month: July</p>	<p>*Analyse the emergence of the new dynasties and their administrative models</p> <p>*Explain the role of Prashasti and reasons for warfare for wealth.</p>	<p>Concept Map</p>	<p>Method:</p> <p>* Lecture cum explanation.</p> <p>*Spatial thinking</p> <p>Activity: Locate the region ruled by regional king of medieval period.</p>	<p>Sample of concept Map</p>	<p>Life skills:</p> <p>Global positioning skills</p> <p>Leadership</p> <p>Subject: Geography</p>	<p>3D visual art- Puppet making</p>
<p>Topic: Geo L-2</p>	<p>*Describe the structure of the</p>	<p>Rubrics for</p>		<p>Rubrics for</p>		<p>3D working</p>

Inside our Earth Sub-topics : *Interior of the Earth *Different rocks and minerals No. of Periods:5 Month: July	earth Explain the rocks and minerals present in the earth	projects	Method: Explanation, Demonstrative Activity : Collect pictures of some famous monuments and find out which rocks are used to find them.	projects	Life skills: *Design thinking *Conceptual learning Subject: Science	model of volcano
Topic: Pol L-3 How the state Government works Subtopics: *MLA's C.M's and other ministers * Legislative Assemble and working of Government No. of Periods:7 Month: July	*Understand the process of formation of state government. *Describe the function of the state government. *Explain the various organs of the state government and its functions.	Checklist (textbook exercise)	Method: Explanation, Demonstrative Activity: Make a flow chart showing levels of administration under state government.	Sample of checklist	Life skills: *Critical thinking, analytical skills Subject: Mathematics	Literary- Role play on proceedings of Legislative assembly
His L-3 Delhi 12th to 15th	*To list different	Comparative	Method-	Sample for	Life skills: Critical	Literary

century Sub-topics: *The rulers of Delhi *Administration under Khaljis and Tuglaqs *Sultanate in 15 th and 16 th century No. of Periods: 7 Month: August	dynasties and rulers of Delhi sultanate. *Describe the expansion of Delhi Sultanate. *Analysis the decline of Sultanate in 15 th and 16 th century.	ve study .	*Explanation, Discussion Activity – *Comparative study of Razia Sultan to any present day Women political leader.	checklist	thinking ,decision making Subject: Political science	
Topic: Geo Ls-3 Our Changing Earth Sub-topics: *Lithospheric plates and forces *Major landforms and work of different agents of erosion. *Volcanoes , Earthquakes and their causes	*Describe the activities going inside the earth. *Explain how the major landforms formed due to various agents of erosion.	Notebook .Exercises)	Method- Explanation, Demonstration Activity – High Order Thinking Skills (HOTS) Questions.	Checklist for notebook	Life skills: Creative thinking , Introspection Subject: Science	Visual Art

No. of Periods:6 Month: August)						
Topic .His Ls-4 The Mughals Sub-topics: *Emergence of Mughals and their military campaign *Mughals relation with other rulers *Administrative strategies No. of Periods:6 Month: August	*Explain the ancestry of Mughals and their tradition of succession. * Analyse Mughal military campaign and their relation with Rajputs.	Notebook (MCQ and quiz)	Method: Explanation, Interaction Activity: Prepare a flow chart showing Mughal ancestry and duration of their reign	Checklist for notebook	Life skills: Creative thinking ,Conceptual learning Subject: Political science	Literary
Topic Geo Ls-4 Air Sub-topics: *Composition and structure of atmosphere * weather and climate * Components of their change	*Develop basic knowledge of the blanket of air and its composition. *Differentiate between various layers of atmosphere	Peer assessment	Method: Reciprocal teaching, explanation Activity For a week ,note down the weather report from the local news paper and observe the changes	Sample of peer assessment sheet	Life skills: Knowledge application Conceptual learning Subject: science	2D art on layers of the atmosphere.

Periods:5 Month: August			occurring in the weather.			
Topic History Periods -5 Tribes, Nomads and Settled Communities Sub-topics: *Beyond Big Cities- Tribal societies *How Nomads and tribal people lived *New castes and hierarchies *Closer look on Gonds and Ahoms No. of Periods:7 Month:Oct	*Develop map skills of the areas inhabited by various tribes. *To gain knowledge about the respective tribes of India. *Understand the significance of tribes in our country.	Rubric for activity. (map activity)	Method: Explanation, Discussion Activity : On a political map of India, locate the areas inhabited by major tribal communities .	Sample of Rubrics for activity.	Life skills : Empathy, Collaborati on Subject: Humanities	Tribal Art form of Bihar

Topic- Geo Is – 5 Water Sub-topics *Distribution of water bodies *Ocean circulation *Waves, tides and ocean currents No. of Periods: 6 Month: October	*Know the location of various oceans. *Describe the direction of warm and cold currents. *Identify various movement in oceans and their causes.	Rubrics for Project	Method: Lecture cum explanation Demonstration Activity: Diagram showing various movements in oceans.	Rubrics for project	Life skills: Logical thinking, Analysis Subject: Science	Draw a chart showing different movements in ocean water
Topic His - L.6 Devotional Paths to the Divine Sub-topics : *The idea of a Supreme God *Nayanars and Alvars *Philosophy and Bhakti *Nathpanthis, Sidhhas, Yogis. Islam and	*Know the origin, nature and expansion of Bhakti movement. *Appreciate the role of saints in Bhakti Movement. *Understand the salient features and effects of Bhakti and Sufi movements.	Concept map.	Method : Lecture Cum Explanation, Interactive Activity: Quiz	Sample of concept map	Life skills: Explanation skills, Classification skills Subject: English	On a map of India, show various saints of Bhakti movement with their respective regions.

<p>Sufism.</p> <p>*New Religious Developments in South India.</p> <p>No. of Periods: 3</p> <p>Month : November</p>						
<p>Topic: Pol.sci LS -4</p> <p>Growing Up and Boys and Girls</p> <p>Sub-topics:</p> <p>*Growing up in Samoa in 1920s</p> <p>*Growing up in MP in 1960s</p> <p>*Lives of domestic workers</p> <p>*Woen's work and equality</p> <p>No. of Periods: 5</p> <p>Month: November</p>	<p>*Identify the differences in upbringing of boys and girls.</p> <p>*Comprehend the troubles encountered by domestic workers on everyday basis.</p> <p>*Deconstruct the mindset that labels 'female' as weaker gender.</p> <p>*Understand the importance of gender equality.</p>	<p>Peer assessment sheet</p>	<p>Method:</p> <p>Explanation, Discussion</p> <p>Activity:</p> <p>HOTS questions</p>	<p>Sample of peer assessment sheet</p>	<p>Life skills:</p> <p>Empathy, Teamwork</p> <p>Subject:</p> <p>Psychology</p>	<p>Literary-Group discussion on gender roles.</p>
<p>Topic: Political Science LS-6</p> <p>Understanding</p>	<p>*Understand the need of media</p>	<p>Notebook</p> <p>MCQ's,</p>	<p>Method:</p> <p>Explanation</p>	<p>Checklist for notebook</p>	<p>Life skills:</p> <p>Self-</p>	<p>Visual art</p>

Media Sub topics : *Role of media *Media and technology *Media and money * Media and democracy *Setting agendas and social advertising No. of Periods: 7 Month: November	*Reason out the significance of technology in media. *Understand the link between information and power.	quiz	Interactive Activity: Group discussion on role of media in our lives.		awareness, Creative thinking Subject: English	
Topic geography Ls-7 Life in the Deserts Sub-topics- *The Hot Desert- Sahara (Climate, flora and fauna, people) *The Cold Desert- Ladakh (Climate, flora	*Define a desert *State the two kinds of deserts- hot and cold *Distinguish between two deserts on the basis of- climate, flora and fauna and people's lifestyle.	Reflection sheet.	Method -Explanation -Descriptive Activity – Case study	Sample of reflection sheet.	Life skills- *Wise use of resources, Self motivation Subject – Citizenship	Literary

and fauna, people) No. of Periods- 7 Month- December						
Topic Pol. Sci. -7 Markets around us Sub-topics	*Enumerate the major types of markets that we see around. *State some characteristic	Notebook	Method -Explanation -Interactive Activity – Practice	Checklist for notebook	Life skills- *Critical thinking, Social skills	Flowchart showing chain of markets

*Weekly markets *Shops in the neighborhood *Chain of markets *Markets everywhere No. of Periods- 7 Month- December	features of all kinds of markets. *Elaborate on the chain of markets and the various players involved. *Relate with emerging trend of e-markets and online shopping		questions		Subject – Commerce	
Topic- History L-8 Eighteenth century political formations Sub-topics *The crisis of the empire and the Later Mughals *The Rajputs *Seizing independence (the Sikhs, Jats and Marathas) No. of Periods- 9	*Recall some factors that led to the decline of the Mughal empire *Trace the inception of new and strong political groups *Infer the change in status of the previously strong Mughal province and the watan jagirs	Concept map	Method -Explanation -Descriptive Activity – Map activity	Sample of concept map	Life skills- *Problem solving, Conflict resolution Subject – Political science	Visual art

ST. PAUL'S CO-ED SCHOOL, BHOPAL

Annual Curriculum and Pedagogical Plan

Class: VII

Subject Social Science

Month- January						
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Topic : No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: History L.2 From Trade to Territory introduction Sub topics 1. East India company begins trade 2. Trade rivalry 3. Battle of Plassey 4. Company rule expands 5. Doctrine of Lapse 6. Setting up New Administration. No.of Periods:8 Month: April	Students will be able to: *Critically analyse the role of Indian rulers in the expansion of British rule in India * Evaluate the consequences of expansion of British power in India. *describe the reasons for the downfall of Mughal power	Notebook Role play (rubrics) Concept map	Method: *Explanation * Collaborative Activity: presenting role play	Checklist for notebook. Sample of Concept map Rubrics for project sample	Life skills: Theatre Skill Critical thinking Subject: Geo	Performing art Role play (drawing visual art)
Topic: Geo Ls 1 Resources Sub topics *Types of resources *Conservation of resources No. of Periods:3 Month: June	*Interpret the need for conservation of resources . * Distinguish between the various types of resources *Formulate a conservation plan in the day to day life	Note book Rubrics for jingle writing	Method: Explanatory Reflective Inquiry Activity: Presenting jingle writing on conservation of resources	Sample of checklist Sample of rubrics	Life skills: Critical thinking Creativity Subject: English	Literary
Topic Pol.Sc L-1 The Indian Constitution	*Recognise the need for the	Rubrics for	Method:	Sample of reflection	Life skills:	Literary

Sub-topics: *Why a country needs a Constitution * Key features of the Indian constitution No. of Periods-5 Month: June	constitution in a democratic country *Appraise the imp features inculcated in Indian constitution * Compare and differentiate between a constitutional and non constitutional country.	note book Concept map Rubrics for reflection sheet	*Explanation, Collaborative Activity: Presentation Formulate a constitution for the class.	sheet . Sample of checklist Sample of concept map	*Decision making *Communication skill Subject: English	
Topic: Political Lesson 2 Understanding Secularism Sub topics *What is Secularism? *Need for Secularism *Indian Secularism No. of Periods: 4 Month: June	*Appreciate the cultural and religious diversity of India *Examine the nature of Indian Secularism *Practise and promote values like integration harmony , respect for fellow religion	Rubrics for poster *Notebook	Method: *Explanation *Reflective *Inquiry Activity: Presenting poster on Secularism	Sample of rubrics Checklist for notebook	Life skills: Problem solving Critical thinking Subject: Art	Drawing (Visual Art)
Topic: History LS –3 Ruling the country side Sub-topics: *Company becomes diwan. *New revenue system	*Acknowledge the efforts made by the ?indigo revoltors for their rights *Examine the difference in the colonial Agrarian policy in different part of the	Rubrics for Art project	Method: * explanation. *Presenting Activity: Madhubani Art depict the village scence	Sample of rubrics *checklist for botebook	Life skills: Social awareness *Empathy *Creativity Subject: Science	Visual Art Art form of partner State of Bihar

*Crops for Europe *Indigo crop and Blue rebellion No. of Periods:6 Month: July	country. Infer the impact of colonial policies on the life of people.					
Topic: Pol.Sc L-3 Parliamentary system and making of laws *People and their representatives *Role of parliament *Making of new laws. *People and controversial laws No. of Periods: 6 Month: July	*Interpret the Indian parliamentary system. * Describe the process of election for Lok Sabha *Exemplify the power of citizens in law making force.	Rubrics for assessing mock parliament *Articles *Notebook	Method: *Explanation, *Brain storming *Interactive Activity : Mock parliament	Sample of rubrics *Checklist for Articles *Checklist for notebooks	Life skills: Awareness *Responsibility Subject: Geo Maths (Experiential learning)	Performing art Experiential learning
Topic: His L-4 Tribal Dikus and the vision of the Golden Age *Tribal groups and livelihood *Effect of colonial law on tribal lives *Birsa Munda No. of Periods:5 Month: July	Identify the various tribal groups of India *Elucidate the policies if the colonial administration towards the tribal communities. *Scrutinize the role of Birsa Munda in the reform of tribal societies.	Notebook *Peer assessment *rubrics for projects	Method: Explanation Activity: Prepare the game board of Pachisi & find out the game rules	Sample of rubric *peer assessment sheet *notebook	Life skills: *making connections *Social Skill Subject: Maths sports	. Indegenous sport of partner state- Bihar

Topic : Pol.SC L-4 The Judiciary Sub- Topics *Role of judiciary *Independent Judiciary *Structure of court *Public Interest and Litigation No. of Periods: 4 Month: August	*Examining the functioning of Judiciary in the present context *Defend the need for independent judiciary *Illustrate the advantage of PIL To common people	Notebook Rubrics for assignment	Method- *Explanation, Interactive Activity – *Make a flowchart depicting the issues faced by Indian judiciary	Sample for checklist *Sample of rubrics	Life skills: Research and Analysis skill Subject: Geo/ Humanity	Visual Art
Topic: His L-6 When people rebel Sub-topics: *British policies and people *Mutiny become rebellion * The company fights back	*Enlist the causes for the revolt of 1857 *Recognize the effort made by the rebellion of 1857 * Determine the causes for the failure of revolt and suggest corrective methods	Notebook . *reflection sheet	Method- Explanation, Interactive Activity – Presenting enact any famous poem about the revolt of 1857.	Sample of Checklist *Reflection sheet	Life skills: Critical thinking and Communication Subject: Geo	Art Performing Art

*Aftermath of revolt No. of Periods:6 Month: August)						
Topic .Geo L-2 Land, Soil, Water and Wildlife Resources Sub topic Land and conservation *Soil *Factors of soil formation *Water *Problem of water availability *Distribution and conservation of Natural vegetation and Wild life No. of Periods:5 Month: August	*Judge the importance of Natural resources for human beings. *Assess the causes for the degradation of Natural Resources *Construct a plan for conservation of resources in day to day life	Concept Map *Peer Assessment Sheet *Rubrics for Projects	Method: Explanation, Behavioural Activity: Prepare a rain water harvesting plan for your home	Sample of concept map *peer assessment sheet *Sample of rubrics	Life skills: Problem solving *social skill Subject: Science & Art	Visual ART
Topic His L-8 Civilising the "Native" Educating the Nation Sub topics *How British saw education *Purpose of British education *What happen to local schools *Agenda for	*Critically examine the education system introduced by the British *Compare the Indian and Bristish education system *Expand the philosophies of Mahatma Gandhi and Tagore	Notebook *Rubrics for projects	Method: Explanation Inquiry based Activity Using worli Art depict Indian traditional education system	Sample of Checklist *Sample of rubrics	Life skills: Critical thinking Subject: Art and English	Visual Literature

National education Periods:4 Month: August						
Topic Geo Agriculture Sub-topics: Farm system *Types of farming *Agricultural development *Comparision of farm in India & USA No. of Periods:4 Month:Oct	*Classify different crops according to their geographical condition *Contrast development of agriculture in developed and developing countries *Differentiate the features of Various types of agriculture	Rubric for projects Notebook	Method: Explanation , collabrative Activity : Sample collection of foodgrains grown in Bihar	Checklist Sample of rubrics	Life skills : Empathy Decision Making Subject: English & Science	3D literature
Topic Pol.Sc L-7 Understanding Marginalisation *Social Marginalisation *Adivasis and stereotyping *Adivasis and development *Minorities and marginalization No. of Periods: 3 Month: November	*Define the concept of marginalization *Express the reasons for the marginalization of adivasis *Categorize the different types of minorities in India	Concept map *Reflection sheet *Rubrics for project	Method: Explanatory Behavioral Activity: Presenting poster on the topic "Stand against Discrimination"	Sample of concept map *Sample of Rubrics	Life skill Social Skill Civic literacy Subject: Art literature	Visual Art

Topic Pol.Sci 6 Confronting Marginalisation Sub topics *Invoking fund right *Laws for marginalized *Protecting the rights of Dalits and Adivasis No. of Periods: 4 Month : November	*Illustrate how the fundamental rights deal with marginalization *Comprehend the provisions of the scheduled caste and scheduled tribe prevention of Autrocities Act	Notebook *Peer assessment *Rubrics for projects	Method : Explanation Behavioural Activity: Presenting research on steps taken by government of India to [protect Dalits	Sample of Checklist Sample of rubrics .	Life skills: Empathy Literacy Subject: IT literature	Visual

Topic: His Ls –7 Women, Caste and Reform Sub-topics: .Working towards change *Change in life of woment *caste and social reform No. of Periods: 4 Month: December	*Ascerting the status of woment in Medieval period *Argue against the caste discrimination *Propose measures to bring social equality	Concept map. *Peer assessment *Rubrics for project	Method: Explanation Collabrative Activity: Performing collage of various social reformers	Sample of concept map. *Peer assessment *Sample of rubrics	Life skills: Critical thinking Problem solving Subject: Art & Geography	Visual Literary
Topic: Geo Ls 5 Human Resources Sub topics : *Distribution of population *Factors affecting distribution of population *Population change *Population composition No. of Periods: 5 Month: December	*Enumerate the factors responsible for unequal distribution of population *Define the terms related to population change *Interpret the population pyramid of a country and determine its development status	Notebook Rubrics for project	Method: Explanation Activity: Presenting collection of data on literacy rate and male , female ration of different states of India	Checklist Sample of notebook	Life skills: Decision making Research Skill Subject: English , IT	Visual
Topic : His Ls. 8 Making of National Movement Sub topic Emergence of	*Enlist the factors that led to rise of Nationalism Appriase the efforts made by	Concept map Rubrics for project	Method -Explanation -Collaborative Activity –	Sample of Concept map Sample of	Life skills- *Creative thinking *critical	Literary

Nationalism *Growth of Mass Nationalism *Advent of Mahatma Gandhi *Initial movement *March to Dandi *Quit India and later No. of Periods 11 Month-January	the National Leader specially Mahatma Gandhi *Cherish and value of independence we had attained		Imagine yourself as a freedom fighter of 1935 And write a slogan to encourage people to join freedom struggle	rubrics	thinking Subject – English	

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Subject : English Class : IX

Topic	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: The Fun they had SubTopic: Narrate a story No of Periods: 3-4 Month: April	Students will be able to *Analyse that Technology should not replace human interactions and traditional method of education.	Concept map (Make placards naming five of 19 th C)	Method: discussion method Approach: Reflective inquiry based Activities and strategies: Researching	Sample of concept map	Lifeskill: Interpersonal skill Subject involved:Sst, IT	3D

Topic: Poem- The road not taken SubTopic: Figur es of speech No of Periods: 3 Month: April	*Develop a stratergy to make bold decision even when we are not sure where they will lead.	Note book Checklist (Write two – two examples of personificatio n and metaphor each.)	Method: Explanatory Approach: collaborative Activities and strategies: Using information media	Sample of checklist	Lifeskill: Deci sion making Subject involved: Hindi Psychology	Visual
Topic: The Sound of music SubTopic: Infinitives No of Periods: 5 Month: June	*To sensitize the students about differently abled people and get inspired from their real life experiences	Rubric for project (Rescue some items from the recycling box and make a percussion instrument)	Method: Direct method Approach: Experiential learning Activities and strategies: Research	Rubric for project	Lifeskill: creative thinking Subject involved: Science Music	Perform ing art

Topic: Poem – Wind SubTopic: Poetic Devices No of Periods: 3 Month: June	*Develop a strategy to face the challenges thrown at us with grit and firm determination	Reflection Sheet.(Take a walk and spot the effects of the wind on environment)	Method: Explanation Approach: Natural Approach Activities and strategies: Presenting	Sample of Reflection sheet	Lifeskill: Analytical skill Subject involved: science	Performing art
Topic: The Little Girl SubTopic: Character sketch No of Periods: 4 Month: July	*Analyse that the parents are their well wishers though they look strict and it is the universal intention of every parent	Concept map (Write a paragraph about your parents)	Method: Communicative method Approach: Behavioral Activities and strategies: making of concept map	Sample of Concept map	Lifeskill: Analytical skill Subject involved: Hindi	Visual

Topic: Poem – Rain on The Roof SubTopic: Phrases and their meanings No of Periods: 3 Month: July	* inculcate the habit of reading poems * admire the bliss of nature in the form of rain	Reflection sheet (When the sky is covered with dark clouds and starts raining, what thoughts flash through your minds ?)	Method: Discussion Approach: Collaborative Activities and strategies: Making of concept Map	Sample of Reflection sheet	Lifeskill: Creative thinking Subject involved: Science and Sst	Performing Art
Topic: A truly beautiful mind SubTopic: Reported speech No of Periods: 4 Month: August	* make the students conscious of the scientific invention and discoveries * introduce the students to new words and phrases of English language	Portfolio(Write a biography on Albert Einstein)	Method: Explanation method Approach: Reflective inquiry Activities and strategies: using information media . Making Portfolio	Peer assessment sheet	Lifeskill: Selfawareness and analytical skills Subject involved: SSt	Visual

Topic: Poem- The lake Isle of Innisfree SubTopic: No of Periods: 4 Month: July	*Connecting with nature and appreciating its beauty	Portfolio(Lett er to the Editor as a concerned citizen regarding the condition of Lower lake Bhopal.)	Method: Explanatory Approach: Behavio ural Activities and strategies: making Portfolio	Peer Assessmen t sheet	Lifeskill: Decision making and critical thinking Subject involved: Sst	Visual
Topic: The snake and the mirror SubTopic: No of Periods: 4 Month: Aug	*Reco gnize human vanity and fears and how they affect people	Notebook Concept map(Bend the end)	Method: Discussion method Approach: Reflective inquiry based Activities and strategies: researching	Sample of concept map	Lifeskill: criti cal thinking Subject involved: Hindi	visual
Topic: Poem-A Legend of the Northland SubTopic: No of Periods: 4 Month: Aug	*Identify the strong moral principle that we should never be selfish and think of others too.	Portfolio Concept map(narrate any folklore)	Method: communication method Approach: collaborative Activities and strategies: presenting	Sample of checklist	Lifeskill: Team building Subject involved: social	Perfomin g art

Topic: My Childhood SubTopic: No of Periods: 4 Month: October	*develop the value of generosity, kindness , humility and communal harmony	Peer assessment sheet (role play on any incident of A.P.J Abdul kalam)	Method: direct method Approach: behavioural Activities and strategies: making of concept map	Peer assessment sheet	Lifeskill: creative and analytical Subject involved: science	Performing art
Topic: Poem- No men are Foreign SubTopic: No of Periods: 4 Month: oct	*know that a thought of a war can only be defeated by the thought of peace.	Jingle rubrics for project (compose 4-8 lines poem of your own and recite in a classroom)	Method: audio lingual method Approach: audio-linguistic Activities and strategies: designing rubrics	Rubrics for project	Lifeskill: communication Creative thinking Decision making Subject involved: Hindi and social	Performing art
Topic: Reach for the top SubTopic: No of Periods: 5 Month: oct	*Infer to achieve immense success, we require determination, training and sacrifice as well.	Notebook Checklist Peer assessment (write the biography of two Successful sports woman of Bihar in their lives.)	Method: audio-lingual method Approach: experiential Activities and strategies: using information media	Sample of checklist	Lifeskill: leadership skill Team building Subject involved: physical education	Partner state sport (Bihar)

Topic: On killing a Tree Sub topic: No.of period: 3 Month: Nov	*to comprehend meanings using contextual clues	Portfolio Notebook Concept map(Design a poster on tree plantation campaign, plant a tree and add a new friend in your life)	Method: explanatory Approach: Behavioural Activities and strategies: presenting	Sample of concept map	Life skill: Emotional skill and creative thinking Subject involved: Hindi ,social	Performing art
Topic: Kathmandu Sub topic: No. of period: 4 Month: Nov	*Embracing the power of holy places and maintain sanctity of the pilgrims	Concept Map (Make PPT on any tourist place)	Method: Demonstrative method Approach: Experiential Activities and strategies: Using information media	Sample of concept map	Life skill: communication skill Inter-personal Subject Involved: SSt	Visual
Topic: A slumber did my spirit seal Sub topic: No. of period : 3 Month: Dec	*Realize the death is inevitable *Identify different poetic device	Concept map (Visualize love in every part of the nature and make a diary entry)	Method: explanation method Approach : experiential Activities and strategies : making of concept map	Sample of concept map	Life skill: creative thinking Subject involved : SST	Visual

Topic: If I were you Sub Topic: No. of period: 5 Month: Dec	*Realize that cool headedness and intellect can help us a long way	Notebook checklist (play short drama on another story written by Douglas James)	Method: Lecture Method Approach: Collaborative Activities and strategies: Dialouge writing	Sample of checklist	Life skill: Interperson al skill Problem solving Subject Involved: Hindi	Perform ing art
SUPPLEMENTARY READER :- MOMENT Topic: The lost child Sub topic: No. of period: 3 Month: April	*Identify that the Importance of Relationship s over materialistic goods. * Analyze different parts of speech	Peer assessment sheet (blind fold)	Method : Discussion method Approach: collaborative Activities and strategies: problem solving	Peer assessmen t sheet	Life skill : team building Subject involved: Hindi	Sports (blind fold)
Topic: The adventure of Toto Sub Topic: No. of period: 3 Month: July	*To share thoughts in a group and express them accurately and fluently in writing.	Rubrics for project (sack race)	Method: Brain storming method Approach: Reflective enquiry based Activities and strategies: Using Information media	Rubric for project	Life skill: Decision making skill Team building Subject involved:	Sports(sa ck race)

	*Identify Critique sentence structure and a variety of sentences *Articulate a thesis and present evidence to support it				Science and SST	
Topic: Ishwaran the story teller Sub topic: No.of period : 3 Month: July	*To comprehend the gist of the story *differentiate between natural and unnatural world	Portfolio Concept map (Narrate a fictional story)	Method : Direct method Approach: audio-linguistic Activities and strategies: using information media	Sample of concept map	Life skill: communication skill Subject involved: Hindi and social	Sport (story spinner game)
Topic: In the kingdom of fool Sub topic: No. of period: 4 Month: August	*Develop their imaginative power and ideas *analyze the moral lessons	Peer assessment sheet notebook (Underline the difficult words and	Method: Immersion method Approach: Reflective enquiry based	Peer assessment sheet	Life skill: Analytical skill Subject involved: Hindi ,SST	Rare games (sand castle)

	given in the text	write their meaning)	Activities and strategies: presenting			
Topic: Happy prince Sub topic: No. of period: 4 Month: August	*inculcate literary appreciation *Know the real meaning of happiness	Checklist(wall of kindness – Donate useful stationary item)	Method: Direct method Approach: experiential Activities and strategies: researching	Sample of checklist	Life skill : self awareness Subject involved: social	Performing art
Topic: The Last Leaf Sub topic: No. of period: 3 Month: November	*Analyze that we should never lose hope in life quickly	Notebook Peer assessment sheet(Paint and paste any 5 different types of leaves)	Method: flipped classroom Approach: experiential Activities and Strategies: design painting using multiple medium	Peer assessment sheet	Life skill: Emotional skill Subject Involved: science	Performing art

Topic: A House is not a home Sub topic: No. of period: 3 Month: November	*enable the students to understand the term disaster	Concept map Reflection sheet (visit to union carbide India limited for experiencing Bhopal Gas Tragedy)	Method: communication method Approach: Behavioral experiential Activities and Strategies: using information media and problem solving	Sample of concept map	Skill: Leadership skill Critical thinking Subject Involved:	Visual
Topic: The Beggar Sub topic: No. of period: 4 Month: December	*enhance their speaking and writing skill *analyse and understand the idea that kindness is a virtue.	checklist Concept map(write paragraph writing on child begging)	Method: discussion method Approach: behavioral Activities and Strategies: paragraph writing	Concept of checklist	Skill: measurable skill Subject Involved: social	Visual

HINDI

शीर्षक (विषय)- कालखण्ड की संख्या कब -	सीखने के परिणाम	मूल्यांकन उपकरण	शिक्षण सीखने की रणनीतियाँ एवं गतिविधियाँ	संसाधन	अंतर अनुशासनात्मक / बहु अनुशासनात्मक	कला एकीकरण खेल एकीकरण
क्षितिज-गद्य भाग विषय- पाठ 1 (दो बैलों की कथा) उपविषय- उपसर्ग ई-मेल लेखन कालखण्ड- 6 मास- अप्रैल	विद्यार्थी सीख पाएँगे- • संवेदना (विचार) • निस्वार्थ प्रेम की पहचान • विश्लेषण मित्रता, तुलना करना	समकक्ष शीट	प्रस्तुतिकरण, चिन्तन,व्याख्या, आगमन-निगमन, लेखन गतिविधि –अनुच्छेद	समकक्ष मूल्यांकन शीट	कौशल- चिन्तन, संवेदना, संघर्षशीलता, लेखन वाचन विषय- सामाजिक अध्ययन नैतिक शिक्षा,कला	कबड्डी
क्षितिज पद्य भाग विषय- पाठ 7 (कबीर की साखियाँ) उपविषय- प्रत्यय ,सूचना लेखन कालखण्ड- 6 मास- अप्रैल	विद्यार्थी सीख पाएँगे- 1. त्याग, समर्पण आडंबर रहित भक्ति 2. कुरीतियों का खंडन	पुस्तिका, पोर्टफोलियो	चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन गतिविधि- भक्ति गीत	जाँचसूची का नमूना	कौशल- सृजन, चिन्तन, धार्मिक सौहार्दता, विषय- कला, नैतिक शिक्षा	
गद्य भाग विषय- पाठ 2 (लहासा की ओर) उपविषय- समास,संवाद लेखन, कालखण्ड-6 मास- जून	विद्यार्थी सीख पाएँगे- • सहयोगात्मक कौशल • व्याख्या 1. तिब्बत की सांस्कृतिक भौगोलिक, संरचना परिवेश से परिचय 2. भ्रमण के नियम	आलेख, पुस्तिका	शोध कार्य , चिन्तन आधारित पूछताछ, व्याख्या, आगमन- निगमन इनफॉर्मेशन मीडिया गतिविधि- नूडल्स	आंकलन	कौशल-चिन्तन, आंकलन व्यवहार कुशलता विषय- पर्यावरण, भूगोल, सामाजिक विज्ञान ,कला शास्त्र	बिहार के साहित्यकारों का पोस्टर
पद्य भाग विषय- पाठ 8 (वाख) उपविषय- अलंकार कालखण्ड- 6	विद्यार्थी सीख पाएँगे- • सहयोगात्मक कौशल • समीक्षा	रुब्रिक	व्यावहारिक, व्याख्या, आगमन- निगमन, श्रव्य भाषाई चिंतन आधारित पूछताछ	परियोजना के लिए रुब्रिक बनाना	कौशल- व्यवहार कुशलता, श्रवण सहज भक्ति भाव समझ विकसित होगी	

मास- जुलाई	1. निर्गुण भक्ति धारा से परिचय 2. तुकबंदी/ दोहे		गतिविधि – दोहे गायन		विषय- नैतिक शिक्षा, सामाजिक अध्ययन	
विषय- पाठ 3 (उपभोक्तावादी संस्कृति) उप विषय -अलंकार, लघु कथा कालखण्ड- 6 मास- जुलाई	विद्यार्थी सीख पाएँगे- • विश्लेषण • व्याख्या दिखावे का मृग जाल अपव्यय की संस्कृति	पुस्तिका, सूचना लेखन	अनुभवात्मक गतिविधियाँ ,पठन-पाठन गतिविधि –पत्र लेखन	संकल्पना, समकक्ष मूल्यांकन शीट	कौशल- चिन्तन, मितव्ययिता विषय- कला, नैतिक शिक्षा, अर्थशास्त्र, दर्शनशास्त्र	
गद्य भाग विषय- पाठ 9 (सवैये) उपविषय- वाक्य भेद कालखण्ड- 6 मास- जुलाई	विद्यार्थी सीख पाएँगे- • पहचान • विश्लेषण कृष्ण भक्ति सहयोगात्मक कौशल विकसित करना	पुस्तिका, पोर्टफोलियो (रसखान)	चिन्तन आधारित पूछताछ, व्याख्या, प्रस्तुतीकरण गतिविधि- नाटिका	समकक्ष मूल्यांकन शीट	कौशल- चिन्तन, समर्पण, त्याग विषय- नैतिक शिक्षा, सा.विज्ञान, पर्यावरण मनोविज्ञान, अध्यात्म	
कृतिका विषय- पाठ 1 (इस जल प्रलय में) उपविषय- समास कालखण्ड- 6 मास- अगस्त	विद्यार्थी सीख पाएँगे- • स्मरण • विश्लेषण 1. प्राकृतिक आपदा से बचाव के तरीके 2.कथात्मक शैली	समकक्ष आंकलन शीट, पुस्तिका, वस्तुनिष्ठ प्रश्न	शोध कार्य चिंतन आधारित पूछताछ अनुभवात्मक, व्याख्या गतिविधि – वृक्षारोपण	समकक्ष मूल्यांकन शीट	कौशल- संवेदनशीलता विषय -भूगोल पर्यावरण	लिट्टी चोखा
विषय- पाठ 4 (सांवले सपनों की याद) उपविषय- समास कालखण्ड- 3 मास- अक्टूबर	विद्यार्थी सीख पाएँगे- • विश्लेषण • पहचान 1.प्रकृति प्रेम, 2.पक्षी संरक्षण	रुब्रिक के लिए परियोजना, पुस्तिका	व्यावहारिक, व्याख्या, पोर्टफोलियो गतिविधि – घोंसला बनाना, स्वतंत्रता का महत्व	परियोजना के लिए रुब्रिक बनाना	कौशल- लेखन, वाचन, मानवीयता, दयालुता, विषय -कृषि विज्ञान नैतिक शिक्षा	मानव संग्रहालय भ्रमण।
विषय- पाठ 10 (कैदी और कोकिला) उपविषय- अलंकार कालखण्ड- 4 मास- अक्टूबर	विद्यार्थी सीख पाएँगे- • सहयोगात्मक कौशल • पहचान 1. स्वतंत्रता का महत्व	समकक्ष आंकलन शीट, पुस्तिका	प्रश्नोत्तर, पूछताछ शोध कार्य- (वीर सावरकर) गतिविधि- भारत की मशहूर जेलों के नाम	समकक्ष मूल्यांकन शीट	कौशल-स्वतंत्रता की चाह, संतुष्टि का भाव, देश प्रेम विषय-पक्षी विज्ञान.	

	2. क्रांतिकारी विचारधारा 3. स्वतंत्रता सेनानियों पर अत्याचार				राजनीति शास्त्र, इतिहास	
कृतिका विषय- पाठ 2 (मेरे संग की औरतें) कालखण्ड- 4 मास- नवंबर	विद्यार्थी सीख पाएँगे- • विज्ञापन • लेख 1. प्रेरणार्थक साक्षात्कार 2. मानवीय गुणों का विकास 3. स्वतंत्रता आंदोलन में नारियों का योगदान	रुब्रिक के लिए परियोजना, पुस्तिका	व्याख्या, अनुभवात्मक गतिविधि – घर की महिलाओं का पारिवारिक वृक्ष	परियोजना के लिए रुब्रिक बनाना	कौशल- तर्कशील, स्वाभिमान विषय- सामाजिक विज्ञान एवं कला विज्ञान नैतिक शिक्षा	दादी या नानी का साक्षात्कार।
विषय- पाठ 11 (ग्राम श्री) कालखण्ड- 4 मास- नवंबर	विद्यार्थी सीख पाएँगे- • स्मरण • रचनात्मक कौशल 1. नदियों का संरक्षण 2. प्राकृतिक सौन्दर्य 3. ग्रामीण संस्कृति- ऋतु संबंधित ज्ञान मानवीकरण, अतिशयोक्ति अलंकार	अवधारणा, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, प्रस्तुतिकरण गतिविधि- मौसमी फलों का सलाद	अवधारणा मानचित्र नमूना	कौशल- प्रकृति प्रेम, कृषि कर्म विषय- कृषि विज्ञान,	फलों का सलाद
विषय- पाठ 5 (प्रेमचंद के फटे जूते) कालखण्ड-4 मास- दिसंबर	विद्यार्थी सीख पाएँगे- • विश्लेषण • मूल्यांकन 1. सहयोगी का महत्व 2. व्यंग्य विधा 3. प्रेमचंद का जीवन चरित्र	अवधारणा, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन गतिविधि – ncert द्वारा निर्मित फिल्म "नर्मदा पुत्र" हरिशंकर परसाई	अवधारणा मानचित्र नमूना	कौशल- स्वाभिमान रुढ़िवादी प्रथाओं का खंडन विषय- कला विज्ञान, सामाजिक अध्ययन	पेपर से जूते बनवाना
विषय- पाठ-12 (मेघ आए) कालखण्ड- 3 मास- दिसम्बर	विद्यार्थी सीख पाएँगे- • मूल्यांकन • विकसित करने की रणनीति 1. तुलनात्मक अध्ययन	समकक्ष आंकलन शीट, पुस्तिका	व्यावहारिक, सहपाठी आंकलन गतिविधि – कविता पाठ	समकक्ष मूल्यांकन शीट	कौशल- भाईचारा, भारतीय रीति रिवाज़ और संस्कृति विषय- सामाजिक अध्ययन, कला विज्ञान	

विषय- पाठ 13 (बच्चे काम पर जा रहे हैं) कालखण्ड- 4 मास-जनवरी	विद्यार्थी सीख पाएँगे- • विश्लेषण • मूल्यांकन संवेदनशीलता, बाल श्रम कानून	अवधारणा, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन, इंफॉर्मेशन मीडिया का उपयोग गतिविधि – वाद- विवाद	अवधारणा मानचित्र नमूना	कौशल- मनुष्यता संवेदनशीलता, अनुभूति बाल अधिकार शिक्षा के प्रति जागरूकता विषय- विधि शास्त्र, पर्यावरण विज्ञान,	
विषय- पाठ 6 (मेरे बचपन के दिन) कालखण्ड- 5 मास- जनवरी	विद्यार्थी सीख पाएँगे- • विश्लेषण • रचनात्मक कौशल 1. लिंगानुपात दुष्परिणाम	समकक्ष आंकलन शीट, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन, श्रव्य-भाषायी गतिविधि – कन्या भ्रूण हत्या पर फिल्म	समकक्ष मूल्यांकन शीट	कौशल- धार्मिक सौहार्दता विषय- राजनीति शास्त्र, समाजशास्त्र	
कृतिका-- पाठ 3 (रीढ़ की हड्डी) कालखण्ड- 6 मास- जनवरी	विद्यार्थी सीख पाएँगे- 1. दहेज उन्मूलन	रुब्रिक के लिए परियोजना, पुस्तिका	पठन, वाचन, चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन, गतिविधि –संवाद लेखन	परियोजना के लिए रुब्रिक बनाना	कौशल- नारी चेतना विषय- सामाजिक अध्ययन, कला गणित।	

Topic	Learning Outcomes	Assessment tools	Teaching/ learning strategy	Resources	TDP/MDP	Arts / sports Integration
Chapter 1 Number System *Introduction *Irrational number *Real numbers and their decimal expansion *Operations on real numbers *Laws of exponents for real numbers Period : 12 Month : April	Students will be able to: *Identify different type of numbers *Calculate and find rational numbers between two rational numbers * Modify a given non terminating decimal in the form of rational number *Representing irrational no. on number line *Perform operations on real numbers *Apply laws of exponents for real numbers	Concept Map Rubrics for project (Square root spiral)	*Lecture cum demonstration *Experiential learning *Reflective inquiry Activity : square root spiral	*Sample of Concept Map *Sample of square root spiral	Skill : Analytical thinking, behavioural creative skills Subjects involved : Physics, Arts	Visual : Application of square root spiral informing real life designs
Chapter 2 Polynomials *Polynomials in one variable *Zeroes of a polynomial *Factorization *Algebraic identities Period : 18 Month : June	Students will be able to: *Recognise variables and identify the degree and classify the given polynomial *Apply factor theorem and factorise a given polynomial *Select appropriate algebraic identity and evaluate the value of given expression	*Note Book (Exercises) *Activity in Lab manual	*Lecture cum demonstration *Inductive deductive Activity : proof of identity $(a+b+c)^2$	*Rubrics for note book *Journal Activity in lab manual	Skill : logical reasoning, observational, communicational Subjects involved : Physics	Visual : paper cutting and pasting activity to prove an identity $(a+b+c)^2$
Chapter 3 Coordinate geometry *Introduction *Cartesian system Period : 4 Month : July	Students will be able to: *Determine abscissa and ordinate of a point in a Cartesian plane *Identify the coordinates of a point and determine the quadrant / axis *Apply concepts of the topic and simplify real life problems	*Graph sheets (Location of points)	*Experiential learning Activity : Locating given points on a Cartesian plane on a graph sheet	*Sample of graph sheet	Skill : Analytical, thinking, observational Subjects involved : Physics, geography	Visual : Locating given points on a plane (including partner states) Sport : Gullidanda
Chapter 4 Linear eqns in two variables *Constuction of lin. eqns	Students will be able to: *Construct a lin eqn from a given statement *Compare and convert a given eqn to standard form and deduce the values of a,b,c	*Peer Assessment (Quiz, HOTS)	*Constructivism, interactive Activity : Construct eqns on given situation	*Sample of peer assessment sheets (HOTS)	Skill : problem solving, communicative Subjects involved : Physics	Visual : Diagramatic representing of an equation

*Standard form of lin. Eqns *Solution of eqns Period : 8 Month : July	*Solve a given lin eqn and find the value of variables					
Chapter 6 Lines and angles *Basic terms and definitions *Intersecting and non intersecting lines *Pairs of angles *Lines parallel to the same line Period : 12 Month : July	Students will be able to: *Define geometrical terms *Identify different types of angles *Derive proofs of mathematical statements particularly related to geometrical concepts	*Note Book (proofs of various theorems)	*Lecture cum demonstration, behavioural, interactive, collaborative Activity : Types of angles using dance forms	*Rubrics for note book (Theorems)	Skill : logical, reasoning, observational Subjects involved : Arts	Performing Arts : Types of angles using dance forms
Chapter 5 Introduction to Euclid's geometry *Euclid's definitions, axioms and postulates Period : 6 Month : August	Students will be able to: *Differentiate between theorems, axioms and postulates by stating different examples *Apply euclid's axioms and postulates to solve given examples	*Note book (Exercises) Group activity (check list)	*Lecture cum demonstration, interactive Activity : Explanations of euclid's axioms by real life examples	*Rubrics for note book Check list for group activity	Skill : critical thinking Subjects involved : History	Performing art : Explanations of euclid's axioms by real life examples
Chapter 7 Triangles *Congruence of triangles *Criteria for congruence of triangles *Properties of triangles Period : 14 Month : August	Students will be able to: *Observe the sides and angles of a given figure to determine congruency *Illustrate and apply the criteria for congruency of triangles *Apply properties of triangles to solve problems and prove theorems	*Reflection sheet (congruency of triangles)	*Demonstration, experiential, interactive Activity : Paper cutting and pasting method for congruency of triangles	*Sample of reflection sheet	Skill : observational Critical thinking Subjects involved : Arts	Visual : Paper cutting and pasting method for congruency of triangles
Chapter 10 Heron's formula *Area of triangle by using Heron's formula Period : 8 Month : August	Students will be able to: *Calculate area of a given triangle by applying Heron's formula	*Self assessment sheet (Rangoli design)	*Lecture cum Demonstration, interactive Activity : Rangoli design on A4 size sheet using	*Sample of self assessment sheet	Skill : Learning by doing, observational Subjects involved : Arts	Visual : Make a rangoli design on A4 size sheet using triangle and calculate its area

			triangle and calculate its area			
Chapter 8 Quadrilaterals *Properties of parallelogram *Mid point theorem Period : 10 Month : October	Students will be able to: * List the properties of quadrilaterals and classify different real life objects as different types of quadrilaterals *Apply properties of parallelograms to solve problems *Prove mid point theorem and its converse and apply them to solve examples	*Note book (Exercises)	*Lecture cum Demonstration, deductive Activity : Lab activity (mid point theorem)	*Rubrics for note book Lab activity journal	Skill : Logical reasoning, learning by doing Subjects involved : Physics	Visual : Lab activity (mid point theorem)
Chapter 9 Circles *Angles subtended by a chord at a point *Perpendicular from the centre to the chord *Equal chords and their distance from the centre *Angle subtended by an arc of a circle *Cyclic quadrilateral Period : 15 Month : November	Students will be able to: *Derive proof of mathematical statements *Apply theorems *Interpret by applying theorems to solve for unknown values	*Note book (Exercises) *Reflection sheet (Mandala art)	*Axiomatic approach, Demonstration, deductive Activity : Mandala art	*Rubrics for note book Sample of reflection sheet	Skill : creativity, decision making Subjects involved : Arts	Visual : Mandala art
Chapter 12 Statistics *Graphical representation of data Period : 8 Month : November	Students will be able to: *Read the given graph, interpret and analyse given data *Construct histogram and frequency polygon	*Graph sheets	*Experiential, Demonstration, developing skills of construction of histogram and frequency polygon Activity : Construction of graphs	*Sample of graph sheet	Skill : Creativity, analytical thinking Subjects involved : Physics, Arts	Including partner state : Bar graph showing literacy rate of 5yrs in Bihar
Chapter 11 Surface area and volumes *S.A of cone, sphere and hemisphere	Students will be able to: *Derive formula for area and volume of solids like cone, sphere and hemisphere	*Note book (Exercises) *Project (3D shapes)	*Demonstration, deductive Activity : 3D models of cone,	*Rubrics for note book *Rubrics for project (3D shapes and calculations)	Skill : Creativity, logical thinking, reasoning	Visual : Models of 3D shapes like sphere, cone and

*Volume of cone, sphere and hemisphere Period : 18 Month : December	*Apply the derived formula in problems		sphere and hemisphere		Subjects involved : Physics	hemisphere and find its surface area
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SCIENCE

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
#Topic: Ch.1.Matter in our surroundings #Sub-topics: States of Matter and change of state. #No. of Periods: 8 #Month: April & June	*Identify and classify substance based on properties of states of matter. *Identify phenomenon occurring during change of state *Analyze and interpret graphs	# Portfolio #Concept map	# Approach: *Experiential # Activities: *Making portfolio *Making concept map	*Sample of portfolio *sample of concept map	# Life skills: *Critical Thinking skills *Reflective observation skills # Subject: *Mathematics	# Visual Arts *Beading
#Topic: Ch.2. Is Matter around us pure? #Sub-topics : Elements, Compounds and Mixtures #No. of Periods: 8 #Month: July & August	*Identify, classify and segregate substances as elements, compounds and mixtures. *Assess themselves and peers. *Design Rubric for assessment. *Design Checklist	*Peer Assessment sheet *Rubric for assessment *Checklist	# Approach: *Reflective inquiry based *Collaborative #Activities: *Peer Assessing * Making checklist	* Peer Assessment sheet *sample of Rubric of assessment *Sample of Checklist	# Life skills: *Communication and Collaborative learning	-

<p>#Topic: Ch.3.Atoms and Molecules</p> <p>#Sub-topics: *Atoms and ions *Chemical formulae of ionic compounds</p> <p>#No. of Periods: 8</p> <p>#Month: October & November</p>	<p>*Create jingles to memorize first twenty elements.</p> <p>*develop a strategy to derive chemical formulae of ionic compounds</p>	<p>*Jingles</p> <p>*Exit card</p>	<p># Approach: - *Reflective inquiry based</p> <p>*Audio linguistic</p> <p>#Activities: - * Creating Jingles</p> <p>*Cut and Paste lock and key strips of cations and anions</p>	<p>*sample of Jingle</p> <p>*sample of exit card</p>	<p># Life skills: *Creativity</p> <p># Subject: *English</p>	<p># Visual and Past</p> <p>#Perform (jingles)</p>
<p>#Topic: Ch.4.Structure of Atom</p> <p>#Sub-topics: *Bohr's Model of atom</p> <p>*Electronic configuration</p> <p>#No. of Periods: 8</p> <p>#Month: December & January</p>	<p>*develop collaborative skills.</p> <p>*create a 3D model</p> <p>*Assess Peers</p> <p>*Design Rubric</p>	<p>#Peer Assessment sheet</p>	<p># Approach: *Experiential</p> <p>*Collaborative</p> <p>#Activities: - * Making of 3D model *Designing Rubric</p> <p>*Peer Assessing</p>	<p>*Peer Assessment sheet</p> <p>*sample of rubric</p>	<p># Life skills: *Creativity</p> <p>*interpersonal and problem solving</p> <p># Subject: *Physics</p>	<p># 3D mo</p>

<p>#Topic: Ch. 5 The Fundamental Unit of Life.</p> <p>#Sub Topic: *compositions of living organisms.</p> <p>*Discoveries of cytology.</p> <p>*Plasma membrane.</p> <p>*Nucleus.</p> <p>*Cytoplasm.</p> <p>*Cell Organelles</p> <p>*Cell divisions.</p> <p>#No. of Periods: 8</p> <p>#Month: April-July</p>	<p>*Identify the differences between a plant cell and an animal cell.</p> <p>*analysis the different movement of / in the cell (osmosis/ diffusions)</p> <p>*diagrammatically represent different components of a cell.</p> <p>*understand the concepts of cell divisions and chromosomes.</p>	<p>* Concept Map.</p> <p>*Peer Assessment (diagram of plant cell and animal cell)</p> <p>* Notebook.</p> <p>*Checklist.</p>	<p># Method: *Explanatory.</p> <p>*Inductive.</p> <p># Approach: *Experiential.</p> <p># Activities: *Making Checklist.</p> <p>*Peer assessing (diagrams)</p>	<p>*Concept Map.</p> <p>* Checklist.</p> <p>*Peer Assessment.</p>	<p># Life skill : *Empathy.</p> <p>*Critical thinking.</p> <p>*Logical reasoning. *self-awareness.</p> <p># Subject : *English</p> <p>*Maths (no. of organelles)</p>	<p>*Difference between plant and animal cell (using a diagram) (MP/BIH)</p>
<p>#Topic: Ch 6 Tissues.</p> <p>#Sub Topic: *Importance of tissue.</p> <p>*Plant tissue and its types.</p> <p>*Animal tissue and its types.</p> <p>#No. of Periods: 8</p> <p>#Month: July-Oct</p>	<p>*Identify different types of tissues present in plants and animals.</p> <p>*analyses the importance of different tissue present in plants/animals. Diagrammatically differentiate between different types of tissues.</p> <p>*justify the presence of specific features in reference to tissues in plants and animals (cuticles, adipose ,etc)</p>	<p>* Concept Map.</p> <p>*Peer Assessment</p> <p>*Reflection sheet.</p> <p>*Notebook.</p> <p>*Checklist.</p>	<p># Method: *Explanatory</p> <p>*Inductive</p> <p># Approach: *Experiential learning.</p> <p># Activities: *Making Checklist.</p> <p>*Peer assessing.</p> <p>* Reflection sheet.</p>	<p>*Concept Map</p> <p>* Checklist</p> <p>*Peer Assessment.</p>	<p># Life skill: *Empathy.</p> <p>*Critical thinking.</p> <p>*Logical reasoning. *self-awareness.</p> <p># Subject : *English</p> <p>*Maths (no. of cells)</p>	<p>*Animal tissue (muscular, epithelial, connective and its types) -art wall decoration (MP/BIH)</p>

#Topic : Ch.7 Motion #Sub-topics : *Describing motion *Speed, Velocity, Acceleration *Graphical Representation of motion #No. of Periods: 8 #Month: April, June	*Analyze and evaluate distance, displacement in practical situation *Compare and calculate speed, velocity and acceleration of an object and differentiate between uniform and non-uniform motion. *Identify and plot distance time graph, velocity time graph and determine various parameters to describe motion	*Reflection sheet *Concept based Questions *Notebook	# Approach: *Experiential *Explanatory # Activity: *Problem solving *Presenting	*Rubric for reflection sheet *Rubric for concept based question *Rubric for notebook	# Skill: *Collaboration *Co-ordination # Subject: *English *Maths	*Perform *Visual
# Topic: Ch. 8 Force & laws of motion # Sub- Topic: *Law of inertia *Momentum *Newton's second law of motion *Newton's third law of motion # No. of periods: 8 # Month: June, July	*Develop collaboration skills *Assess themselves and peer	*Notebook *Peer assessment sheet	# Approach: *Collaborative # Activity: *Presenting	*Rubric for notebook *Rubric for peer assessment sheet	# Skill: *Creativity *Collaboration *Emotional skills # Subject: *Maths *Art	*Perform

<p># <u>Topic:</u> Ch. 9 Gravitation</p> <p># <u>Sub- Topic:</u> *Universal law of gravitation</p> <p>*Free fall</p> <p>*Weight and mass</p> <p>*Thrust and pressure</p> <p>*Archimedes principle</p> <p># <u>No. of periods:</u> 8</p> <p># <u>Month:</u> August</p>	<p>*Analyze</p> <p>*Develop a strategy to solve a problem</p>	<p>*Notebook</p> <p>*Reflection</p>	<p># <u>Approach:</u> *Deductive method</p> <p>*Experiential</p> <p># <u>Activity:</u> *Problem solving</p> <p>*Critical thinking</p>	<p>*Rubric of notebook</p> <p>*Sample for checklist</p>	<p># <u>Skill:</u> *Problem solving</p> <p>*Analytical thinking skill</p> <p># <u>Subject:</u> *Maths</p>	<p>*Visual</p>
<p># <u>Topic:</u> Ch. 10 Work & Energy</p> <p># <u>Sub- Topic:</u> *Work</p> <p>*Energy</p> <p>*Power</p> <p># <u>No. of periods:</u> 8</p> <p># <u>Month:</u> September, October</p>	<p>*Analyze the conversion of energy</p>	<p>*Rubric for project</p> <p>*Notebook</p>	<p># <u>Approach:</u> *Experiential</p> <p># <u>Activity:</u> *Peer assessing</p>	<p>*Rubric for project</p> <p>*Rubric for notebook</p>	<p># <u>Skill:</u> *Creativity</p> <p>*Thinking skill</p> <p>*Analytical skill</p> <p># <u>Subject:</u> *Art and craft</p>	<p>*3D art</p>

<p># <u>Topic:</u> Ch. 11 Sound</p> <p># <u>Sub- Topic:</u> *Production and propagation of sound</p> <p>*Reflection of sound</p> <p>*Range of hearing</p> <p>*Application of ultrasound</p> <p># <u>No. of periods:</u> 8</p> <p># <u>Month:</u> November, December</p>	<p>* Learn to make presentation</p>	<p>* Notebook</p> <p>* Rubric for project</p>	<p># <u>Approach:</u> *Audio- linguistic</p> <p># <u>Activity:</u> * Presenting</p>	<p>* Rubric for notebook</p> <p>* Rubric for project</p>	<p># <u>Skill:</u> * Creativity</p> <p>* Designing</p> <p># <u>Subject:</u> * IT</p> <p>* English</p>	<p>* Visual</p>
<p>Topic: Ch 12 Improvement in Food Resources.</p> <p>Sub Topic: *Crop variety- cropping pattern management.</p> <p>*Nutrient management.</p> <p>*Fertilizers / Manure</p> <p>*Animal Husbandry: -Cattle farming -Poultry farming -Fish production. -Bee keeping</p> <p># <u>No. of Periods:</u> 8</p> <p># <u>Month:</u> November, December</p>	<p>* Identify Nutrients essential for crops, Macro and micro nutrients.</p> <p>*Manure and fertilizers are the source of nutrients.</p> <p>*Analyze Mixed cropping and inter cropping pattern and Crop rotation for better yield.</p> <p>* Design and advertisement for the better management of animal husbandry.</p>	<p>* Notebook</p> <p>* Concept Map</p> <p>* Checklist</p>	<p># <u>Approach:</u> *Reflective Inquiry. Collaborative</p> <p>*Experiential.</p> <p># <u>Activities:</u> Making of concept map.</p> <p>*Designing advertisement using multiple mediums.</p> <p>*Problem solving</p>	<p>*Concept Map.</p> <p>* Checklist.</p> <p>*Notebook</p>	<p># <u>Life skill:</u> * Communication skills.</p> <p>*Critical thinking.</p> <p>*Problem solving.</p> <p># <u>Subject involved:</u> *English</p> <p>*Maths</p> <p>*Social Science.</p>	<p>*Culinary food of B</p> <p>* Perform (Madhubani painting pattern).</p>

Month	Topic & Sub topic	No of periods	Learning Outcome	Assessment tools	Teaching learning strategies / activities	Resources	IDS/Subject	Art Integration & sports
April	Eco Ls 1 The story of the village Palampur - organization of production - farming in Palampur - how is land distributed between the farmers of Palampur? - Non farm activities in Palampur	4	Students will be able to - understand the concept of production - identify the factors of production - comprehend the economic activities of an ideal Indian village - analyse the importance of multiple sources of income	- notebook - reflection sheet - rubrics for project	- explanatory - reflective inquiry Activity – presenting Photo album of economic activities in a village of Bihar	- sample of checklist - sample of rubrics	- critical thinking - empathy Subject : Geography science	Visual Literary
	Pol Sc Ls 1. What is Democracy? Why Democracy?	7	- define democracy, dictatorship - recognize the need for democracy - interpret broader meaning of Democracy - distinguish between good & bad democracy	- note book - concept map - rubrics	- explanatory - reciprocal teaching Activity: presenting Write an article on “Democracy best form of government for India”	- sample of checklist - sample of concept map	- communication - leadership Subject : Geography English	Literary
June	History Ls 1 The French Revolution - French society during late 18 th century - The outbreak of Revolution	12	- describe the political, social and economic condition that led to Revolution - examine the causes and	- peer assessment sheet - concept map - rubrics for project	- explanatory - behavioural - collaborative Activity – presenting	- peer assessment sheet - sample of concept map - sample of rubrics	- critical thinking Subject ; Art Geography	Visual Art Literary

	<ul style="list-style-type: none"> - France Abolishes Monarchy & becomes a republic - Did women have a revolution - The Abolition of Slavery - The Revolution & everyday life 		consequences of Revolution <ul style="list-style-type: none"> - determine the major events and figures - evaluate the impact of Revolution 		Cartoon strip on major events of French Revolution			
July	Geography Ls `1 India size and Location <ul style="list-style-type: none"> - location - India's neighbours 	4	<ul style="list-style-type: none"> - Explain the implication of location of India its vast size. - Appreciate the importance of India's relation with world - Develop the skill to locate important latitude & longitude & neighbour countries 	<ul style="list-style-type: none"> - Notebook - Peer assessment sheet - Concept map 	<ul style="list-style-type: none"> - explanatory - behavioural - collaborative Activity – presenting Inside Outside Circle Game	<ul style="list-style-type: none"> - Checklist - sample of concept map - peer assessment sheet 	<ul style="list-style-type: none"> - citizenship - creative thinking 	- performing
	Political Science Is 2 Constitutional Design	6	<ul style="list-style-type: none"> - discuss the Constitution making of South Africa - exemplify the guiding values of Indian Constitution - Infer the institutional design of India 	<ul style="list-style-type: none"> - notebokk - reflection sheet (GD) - rubrics for project 	<ul style="list-style-type: none"> - explanatory - reflective inquiry Activity: presenting Poster depicting the values embedded in Indian Constitution	<ul style="list-style-type: none"> - Checklist - Sample of rubrics 	<ul style="list-style-type: none"> - critical thinking - civic literacy Subject : History Art	Visual
	History Ls 2 Socialism in Europe & The Russian Revolution <ul style="list-style-type: none"> - The Age of Social change 	12	<ul style="list-style-type: none"> - Summarise the social background of Russia - Elucidate the philosophy of socialism 	<ul style="list-style-type: none"> - mind map - notebook - rubrics for project 	<ul style="list-style-type: none"> - explanatory - interactive Activity : Presenting	<ul style="list-style-type: none"> - Sample of checklist - sample of rubrics - sample of mindmap 	<ul style="list-style-type: none"> - critical thinking - communication - digital literacy 	<ul style="list-style-type: none"> - 3D - Multimedia

	<ul style="list-style-type: none"> - The Russian Revolution - The February Revolution - What changed after October? - The Global Influence of Russian Revolution &The USSR 		<ul style="list-style-type: none"> - scrutinize the role of Bolshevick party in economic development of Russia - Appraise the efforts made by the socialist 		Multimedia presentation (video/podcast on different aspects of Russia Revolution)		Subject : IT Geography	
August	Geography Ls 2 The Physical Features of India <ul style="list-style-type: none"> - Major Physiographic Divisions - Himalayan Mountains - Northern Plains - Peninsular Plateau - The Indian Desert - The Coastal Plains - The Islands 	6	<ul style="list-style-type: none"> - Locate the various physiographi divisions - differentiate between the various physical divisions - access the importance of physiographic variations for India 	<ul style="list-style-type: none"> - notebook - rubrics for project 	<ul style="list-style-type: none"> - explanatory - reflective inquiry Activity – presenting Collage on different physical features of India	<ul style="list-style-type: none"> - sample of checklist - sample of rubrics 	<ul style="list-style-type: none"> - creativity - time management Subject : Environmental studies	Visual art
	Economics Ls 2 People As Resource <ul style="list-style-type: none"> - economic activities of men & women - quality of population - unemployment 	5	<ul style="list-style-type: none"> - enlist various economic activities practiced in India - defend the need for better education & health facilities - categorise the various type of unemployment 	<ul style="list-style-type: none"> - concept map - reflection sheet - rubrics for project 	<ul style="list-style-type: none"> - explanatory - reciprocal teaching Activity – presenting Madhubani painting showing economic activities of people of Bihar	<ul style="list-style-type: none"> - sample of concept map - sample of rubrics 	<ul style="list-style-type: none"> - creative thinking - decision making Subject : Geography Art	Art of partner state Visual art
	Geography Ls 3 Drainage <ul style="list-style-type: none"> - Drainage system in India 	4	<ul style="list-style-type: none"> - Distinguish between Himalayan & Peninsular Rivers 	<ul style="list-style-type: none"> - notebook - peer assessment sheet 	<ul style="list-style-type: none"> - explanatory - behavioural Activity : presenting	Sample of checklist Sample of rubrics	<ul style="list-style-type: none"> - problem solving - decision making 	Visual

	<ul style="list-style-type: none"> - The Himalayan Rivers - The Peninsular Rivers - Lakes - Role of Rivers in the Economy 		<ul style="list-style-type: none"> - Assess the role of river in economy of India - formulate plans to conserve lakes & rivers 	- rubrics for project	Project on Disaster Management	Peer assessment sheet	Subject : Economics	
	History Ls 3 Nazism and the Rise of Hitler <ul style="list-style-type: none"> - Birth of Weimar Republic - Hitler's rise to power - The Nazi world view - youth in Nazi Germany - Ordinary People and crime against humanity 	12	<ul style="list-style-type: none"> - express the reasons for failure of Weimar Republic - review the reasons for anger of Germans for Weimar Republic 	Notebook Reflection Sheet Rubrics for Project	Explanatory Reflective Inquiry Collaborative Activity – presenting Role play on life of youth in Nazy Germany	Sample of checklist Sample of rubrics	Critical thinking Problem solving Subject : Geography Economics	Performing
October	Geography Ls 4 Climate <ul style="list-style-type: none"> - Factors affecting India's climate - the seasons - distribution of rainfall - monsoon as a unifying bond 	6	<ul style="list-style-type: none"> - identify the factors responsible for the climate of India - classify the seasons of India - analyse the effect of monsoon on India 	Notebook Concept map Rubrics for project	Explanatory Reciprocal teaching Activity – presenting Prepare a food item most suitable for the present climate condition of your area and write its health benefits	Sample of checklist Sample of concept map Sample of rubrics	Decision making Empathy Subject – Economics Science	Culinary Literary
	Economics Ls 2 Poverty as a challenge	5	- illustrate the term poverty in a broader sense	- reflection sheet	Explanatory Reflective inquiry	Sample of rubrics	Critical thinking Social skill	Visual art

	<ul style="list-style-type: none"> - two typical cases of poverty - poverty as seen by social scientist - poverty estimate - causes of poverty - anti poverty measures - the challenges ahead 		<ul style="list-style-type: none"> - analyse various indicators of poverty - evaluate the anti poverty measures and their outcomes - evaluate the antipoverty measures and their outcome 	- peer assessment sheet	Activity – presenting Depict rural poverty through warli art	Peer assessment sheet	Subject : Political Science	
	Political Science Is 3 Electoral Politics <ul style="list-style-type: none"> - Why elections? - what is our system of election? - What makes Election in India Democratic? 	6	<ul style="list-style-type: none"> - recognize the importance of election - interpret the various aspects of Indian election system - compare and assess the present day election conditions in India 	Note book Rubrics for project Concept map	Explanatory Behavioral Collaborative Activity – presenting Election campaign by the students	Sample of checklist Sample of rubrics Sample of concept map	Decision making Citizenship Subject : General knowledge	Performing Visual
November	History Is 4 Forest Society & Colonialism <ul style="list-style-type: none"> - Why deforestation? - The Rise of commercial forestry - rebellion in the forest - forest transformation in Java 	4	<ul style="list-style-type: none"> - understand the importance of forest - assess the relationship between forest and livelihood - comprehend changes in forest societies under colonial power - 	Peer assessment sheet Rubrics of project	Explanatory Reflective inquiry Activity – presenting Pachisi the indigenous sports of Bihar	Peer assessment sheet Sample of rubrics	Communication Subject : Sports Geography	Performing sport of partner state Bihar
	Economics Is 4 Food Security in India <ul style="list-style-type: none"> - What is food security? 	6	<ul style="list-style-type: none"> - summarise the aspects of food security - determine the role of FCI in providing food security 	Note book Rubrics for project	Explanatory Activity – presenting Sample collection of food grains	Sample of checklist Sample of rubrics	<ul style="list-style-type: none"> - creative thinking - decision making Subject :	Visual Literary

	<ul style="list-style-type: none"> - why food security? - Who are food insecure? - Food Security in India - What is PDS? - Role of cooperatives in food security 		- design a food security plan		grown in different states		Geography Science	
December	Political Sci ls 4 Working of Institutions <ul style="list-style-type: none"> - How is major policy decision taken? - Need for political institutions - Parliament - Political Executives - The Judiciary 	6	<ul style="list-style-type: none"> - identify the role of parliament - distinguish between political and permanent executives - argue on the need to have an independent Judiciary 	Notebook Concept Map Rubrics for project	Explanatory Collaborative Activity – presenting Debate on the topic “Who should be more powerful political executives or permanent executives	Sample of checklist Sample of rubrics	Collaboration Communication Critical thinking Subject : English	Performing
	History Ls 5 Pastoralist in the modern world <ul style="list-style-type: none"> - pastoral nomads & their movement - colonial rule and pastoral life - pastoralism in Africa 	6	<ul style="list-style-type: none"> - understanding the historical evolution of pastoralist societies - examining the impact of colonialism - appreciating the cultural diversity, social structure and resilience of different pastoralist groups 	Notebook Rubrics for project	Explanatory Activity : presenting Analyse the role of climate change in shaping the challenges faced by pastoralist groups	Sample of checklist Sample of rubrics	Decision making Subject : Geography	Performing
January	Geography Ls 6 Population	5		Concept map	Explanatory	Sample of concept map	- Civic literacy	Literary

	<ul style="list-style-type: none"> - population size and distribution - population growth and process of population change 		<ul style="list-style-type: none"> - define terms like migration birth rate etc - interpret the process of population change - argue on the need for investing in human resource 	Rubrics for project	<p>Reciprocal teaching</p> <p>Activity : presenting Collect details on National Population Policy 2000 and write an article</p>	Sample for rubrics	Subject : English Political science	
	<p>Political Science Ls 5</p> <p>Democratic Rights</p> <ul style="list-style-type: none"> - life without rights - rights in a democracy - rights in Indian Constitution - Expanding scope of rights 	5	<ul style="list-style-type: none"> - explain the fundamental rights - state the need of rights in democracy - analyse the expanding scope of rights 	<p>Notebook</p> <p>Rubrics for project</p>	<p>Explanatory</p> <p>Reflective Inquiry</p> <p>Activity – Presenting Write a slogan on “Freedom of Speech and Expression”</p>	<p>Sample of checklist</p> <p>Sample of rubrics</p>	<p>Civic literacy</p> <p>Subject : English</p>	<p>Literary</p> <p>Performing</p>

SOCIAL SCIENCE

Topic /Sub-topic/No. of periods/Month	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Unit-I CHAPTER-1 Communication Skills <ul style="list-style-type: none"> Importance of communication skills Elements of communication skills Methods of Communication Perspectives in communication No. of Periods: 8 Month: April	Students will be able to: <ul style="list-style-type: none"> Demonstrates the knowledge of various methods of communication Identifies Elements of communication cycle Interpret factors affecting on perspectives in communication. Demonstrates the knowledge of basic writing skills. 	Peer Assessment MCQ	Approach: Explanation Interactive Activity: Peer assessing during practical in lab	Sample of rubrics for Peer Assessment sheet	Life skills: <ul style="list-style-type: none"> Listening Writing Emotional Intelligences Visual and verbal Communication. Subject: Language (English)	Create a chart on verbal and non-verbal communication with suitable graphics / images
Subject specific skills Unit-I CHAPTER- 1 Introduction to IT and ITeS Industry Sub-topics: <ul style="list-style-type: none"> Business processes outsourcing Business process management Applications of IT No. of Periods: 4 Month: June	Students will be able to: <ul style="list-style-type: none"> Understand business process outsourcing and business process outsourcing. Inculcate BPO service in daily life. 	Notebook	Approach: Explanation Interactive Activity: Chapter exercises	Sample of Checklist	Life skills: Communication Collaboration Organization Analysis Subject: Science	Chart on how WiMAX works

Topic: CHAPTER- 3 AI Domains Sub-topics: <ul style="list-style-type: none"> Importance of data in AI Big data and AI Computer Vision (CV) Natural Language Processing (NLP) No. of Periods:4 Month: July	Students will be able to: <ul style="list-style-type: none"> Learn the role of data in AI Know Important sub-fields of AI – CV and NLP 	Notebook	Approach: Explanation Interactive Activity: Chapter exercises	Sample of Checklist	Life skills: Problem solving Collaboration Organization Technology skills and digital literacy Subject : Science	Chart showing applications and sources of Big data
Topic: CHAPTER-8 Functions in Python Sub-topics: <ul style="list-style-type: none"> Learning about functions Calling a function Parameters and arguments in functions Scope and lifetime of variables No. of Periods:8 Month: July-August	Students will be able to <ul style="list-style-type: none"> Learn about Python functions, its use and syntax Write programs to demonstrate the concept of functions 	Peer Assessment (Practical Activity)	Approach: Explanation Demonstration Interactive Experiential Collaborative Activity: Peer assessing during practical in lab	Peer Assessment sheet	Life skills: Logic building Programming skills Problem solving Subject : Maths	Chart explaining python functions with example

Topic: CHAPTER- 4 App Development Sub- topics: 1) Purpose of an App 2)Types of apps 3)Downloading and installing apps 4)Android and IOS 5)Developing an app in App Inventor No. of Periods:5 Month: August	Students will be able to : <ul style="list-style-type: none"> • Explain about an application and its types • download and install android apps • differentiate between Android and IOS apps • explain how apps are developed in App Inventor 	Notebook	Approach : Explanation Interactive Activity : Chapter exercises	Sample of Checklist	Life skills : Problem solving Collaboration Organization Technology skills Subject : Science	Design any eight icons of Android phone (2x2 inches each icon)
Topic: CHAPTER-7 Lists and Arrays in Python Sub-topics: 1) Lists and its operations 2) Arrays and its operations 3) Lists versus Arrays 4)When to use Arrays No. of Periods:8 Month: October	Students will be able to: <ul style="list-style-type: none"> • Work with Lists and Arrays in Python • Differentiate between Lists and Arrays 	Peer Assessment (Practical Activity)	Approach : Explanation Demonstration Interactive Experiential Collaborative Activity : Peer assessing during practical in lab.	Peer Assessment sheet	Life skills : Logical thinking Problem solving Subject : Maths	Chart explaining how to access elements from a list and how to slice lists in Python
Topic: CHAPTER-1 Top-tech Game Changer Trends Sub-topics: 1) Cloud Computing 2) Big Data 3)Augmented reality 4) Virtual reality	Students will be able to: <ul style="list-style-type: none"> • Explain Cloud computing with the help of diagram • Define Big data and will know sources of Big data • Know some of the biggest technology 	Concept map of sources of Big data	Approach : Explanation Interactive Activity : Making of Concept map	Sample of concept map	Life skills : Technology skills Collaboration Subject : Science and Maths	Draw a picture explaining working of Blockchain technology

5) Blockchain technology No. of Periods:4 Month: November	trends like Virtual reality and Augmented reality • Explain Blockchain technology					
Topic: CHAPTER-9 Cyber Threats and Protection Sub-topics: 1) Types of Malware, Hackers and Cyber Threats 2) Social Engineering 3) Good Digital Citizenship 4) Dangers of online friendship No. of Periods:4 Month: December	Students will be able to: • Explain Cyber threat and its types • Know and become aware of Social Engineering and online friendship • Learn and use the fundamentals of Good Digital Citizenship	Concept map of types of Cyber Threat	Approach : Explanation Interactive Activity : Making of Concept map	Sample of concept map	Life skills : Problem solving Organization Observation Analysis Subject : Science	Collage making on different types of Antivirus software
Topic: CHAPTER-10 Data Science and Visualisation Sub-topics: 1) Data Visualisation and its importance 2) Examples of data visualization No. of Periods:4 Month: January	Students will be able to: • Explain the term data visualization • Describe types and examples of data visualisation	Notebook	Approach : Explanation Interactive Activity : Chapter exercises	Sample of checklist	Life skills : Analytical thinking Problem solving Computing Collaboration Organization Representation Subject : Science	Infographic on common types of data visualisation

ST. PAUL'S CO-ED SCHOOL, BHOPAL

Annual Curriculum and Pedagogical Plan (2024-25)

Class: IX

Subject: INFORMATION TECHNOLOGY

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
PART-A Employability Skills Chapter-1 Topic: Communication Skills Sub-topics: <ul style="list-style-type: none">Importance of CommunicationElements of CommunicationMethods of CommunicationsPerspectives in Communication	Students will be able to: <ul style="list-style-type: none">Demonstrates knowledge of various methods of communicationIdentify elements of communication cycleIdentify the factors affecting our Perspectives in Communication	Peer Assessment	Approach: Explanation , Demonstration, Interactive, Experiential, Collaborative Activity: Peer assessment in class	Peer Assessment sheet	Life skills: <ul style="list-style-type: none">WritingEmotional intelligenceVisual and verbal communication Subject: English	Create a chart on verbal and nonverbal communication with suitable graphics/images.

No. of Periods: 6 Month: April- June						
Part-B Subject specific skills Chapter-1 Topic: Introduction to IT and ITeS Sub-topics: <ul style="list-style-type: none"> • BPO • BPO Management No. of Periods: 5 Month: April- June	Students will be able to: <ul style="list-style-type: none"> • Apricate the applications of IT • Understand BPO and Business processes management 	Notebook	Approach: <ul style="list-style-type: none"> • Lecture method • Project base learning Activity: Make a ppt on BPO and its types.	Rubrics for project	Life skills: Analytical and Communication skill Subject: Math's, English	ppt on BPO
PART-B Subject Specific Skills Chapter-2 Topic: Data Entry and Keyboarding Skills Sub-topics: <ul style="list-style-type: none"> • Keyboard • Mouse 	Students will be able to: <ul style="list-style-type: none"> • Use keyboard and mouse for data entry • Develop typing techniques • Interprets results 	Project	Approach: Explanation, Demonstration, Interactive Activity: Chapter exercises	Rubrics for project	Life skills: Organizational and creativity Subject: Arts	Article writing

<ul style="list-style-type: none"> • Touch typing technique • Background and Text colour • Interpolation • Student statistics • Lesson Editor <p>Periods: 6</p> <p>Month: April-June</p>						
<p>PART-A Employability Skills</p> <p>Unit-2</p> <p>Topic: Self-Management Skills</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> • Positive results of self-management • Strength and weakness analysis • Self confidence <p>Periods: 6</p> <p>Month: July</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Describe the meaning and importance of self-management • Identifies areas of their strength and weakness • Identify the factors that helps in building self confidence 	Role play	<p>Approach:</p> <p>Emotional</p> <p>Interactive</p> <p>Activity:</p> <p>Sports (Kabaddi/kho-kho) for developing self-management skills</p>	Sample of rubrics for role play	<p>Life skills:</p> <ul style="list-style-type: none"> • Problem solving skills • Time management <p>Subject: Art, English</p>	sports
<p>PART-B</p> <p>Subject Specific Skills</p>	Students will be able to:	Reflection sheet	<p>Approach:</p> <p>Explanation and</p>	Sample of reflection sheet	<p>Life skills:</p> <ul style="list-style-type: none"> • Creativity 	Brochure design (Bihar)

<p>Chapter-3</p> <p>Topic: Digital</p> <p>Documentation: Word Processor</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> • Features of word processing • Commonly used word processor • Working with writer • Find and Replace • Jumping to the page number • Non printing characters <p>Periods: 5</p> <p>Month: July</p>	<ul style="list-style-type: none"> • Create a document using word processor • Apply editing and formatting features • Working with tables • Use print options • Understand and apply mail merge 		<p>demonstration</p> <p>Activity:</p> <p>Create a digital brochure showing culture and food of Bihar (4 pages)</p>		<ul style="list-style-type: none"> • Logical thinking <p>Subject: Art, Language</p>	
<p>PART-B</p> <p>Subject Specific Skills</p> <p>Chapter-4</p> <p>Topic: Formatting in Word Processor</p> <p>Sub-topics:</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Apply formatting rules • Create and work with tables • Use print options 	<p>Reflection sheet</p>	<p>Approach:</p> <p>Explanation and demonstration</p> <p>Activity:</p>	<p>Sample of reflection sheet</p>	<p>Life skills:</p> <ul style="list-style-type: none"> • Creativity • Logical thinking <p>Subject: Art, Language</p>	<p>Article writing</p>

<ul style="list-style-type: none"> • Character formatting • Changing case • Paragraph formatting • Tables <p>Periods: 5</p> <p>Month: July</p>			Article writing			
<p>PART-B</p> <p>Subject Specific Skills</p> <p>Chapter-5</p> <p>Topic: Mail merge</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> • Introducing mail merge • Track changes <p>Periods: 5</p> <p>Month: July</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand and apply mail merge 	Project	<p>Approach:</p> <p>Explanation and demonstration</p> <p>Activity:</p> <p>Mail merge flow chart</p>	Rubrics for project	<p>Life skills:</p> <ul style="list-style-type: none"> • Conceptual • Technical • Logical thinking <p>Subject: Art, Language</p>	Draw Mail merge flow chart
<p>Part-A EMPLOYABILITY SKILLS</p> <p>Chapter-3</p> <p>Topic:</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Describe the role of ICT in day to day life • Identify components of basic computer 	<ul style="list-style-type: none"> • Portfolio 	<p>Approach:</p> <p>Explanation, Demonstration, Experiential</p>	Rubrics for portfolio	<p>Life skills:</p> <ul style="list-style-type: none"> • Critical thinking • Logical reasoning 	<p>Design icons/symbols for mobile app</p> <p>6</p>

Information and Communication Technology Sub-topics: <ul style="list-style-type: none"> • Role and importance of ICT • ICT Tools • What in mobile app • Social media • Computer • Components of CPU • Expansion cords • Ports • Software's • Types of OS Periods: 6 Month: October	system and their functions <ul style="list-style-type: none"> • Demonstrates use of various components and peripherals of computer system • Understands various terminologies used in internet and apply in their daily life. 		Activity: Design 6 icons/symbols for newly launched mobile phone.		Subject: Math's, Arts	
PART-A Employability Skills Chapter-4 Topic: E-mail Sub-topics:	Students will be able to: <ul style="list-style-type: none"> • Create an e-mail ID • Compose and send e-mail message 	<ul style="list-style-type: none"> • Project 	Approach: Explanation, Demonstration	Rubric for project	Life skills: <ul style="list-style-type: none"> • Logical thinking Subject: Language and science	Draw and label different parts of an E-mail. (page no. 100)

<ul style="list-style-type: none"> • E-mail services • Create an e-mail ID • Compose and send E-mail message • Managing folder • Reading an E-mail • Forwarding an e-mail <p>Periods: 5</p> <p>Month: October</p>	<ul style="list-style-type: none"> • Use e-mail ID in their daily life. 		<p>Activity: Draw and label different parts of an E-mail.</p>			
<p>PART-A Employability Skills</p> <p>Chapter-5</p> <p>Topic:</p> <p>Entrepreneurial Skills-1</p> <ul style="list-style-type: none"> • Types of business • Characteristics of entrepreneurs • Importance of entrepreneurship • Limitation of entrepreneur <p>Periods: 5</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Identifies various types of activities • Demonstrates the knowledge of distinguishing characteristics of entrepreneurship 	<ul style="list-style-type: none"> • Notebook 	<p>Approach:</p> <p>Explanation, Demonstration, Interactive</p> <p>Activity: Write an article on entrepreneurship</p>	<p>Rubric for notebook</p>	<p>Life skills:</p> <ul style="list-style-type: none"> • Leadership • Listening • Time management <p>Subject: Language, social science</p>	<p>Article writing</p>

Month: November						
PART-A Employability Skills Chapter-6 Topic: Green Skills Sub-topics: <ul style="list-style-type: none"> Natural resources Green economy Periods: 3 Month: November	Students will be able to: <ul style="list-style-type: none"> Demonstrate the knowledge of the factors influencing natural resource conservation Describe the importance of green economy and green skills 	<ul style="list-style-type: none"> Project 	Approach: Explanation, Experiential Activity: Draw a poster	Rubric for project	Life skills: <ul style="list-style-type: none"> Technical skills Conceptual skills Subject: Science	Draw a poster on renewable and non-renewable energy
PART-B Subject Specific Skills Chapter-6 Working with spreadsheet Sub-topics: <ul style="list-style-type: none"> Working with spreadsheet Features of spreadsheet Parts of a workbook screen 	Students will be able to: <ul style="list-style-type: none"> Create a spread sheet apply formula and functions in spreadsheet understand and apply referencing create and inserts different types of charts in a spread sheet 	Notebook	Explanation Demonstration	Rubric for notebook	Life skills: <ul style="list-style-type: none"> Logical Analytical 	

<ul style="list-style-type: none"> • Creating a workbook • Entering data in worksheet • Printing a work sheet <p>Periods:</p> <p>Month: Oct.- Nov.</p>						
<p>PART-B</p> <p>Subject Specific Skills</p> <p>Chapter-7</p> <p>Topic:</p> <p>Formatting cells in spreadsheet</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> • Formatting cells • Auto fill • Charts and graphs • Making a chart <p>Periods: 4</p> <p>Month: Oct- Nov.</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Format cells in a spread sheet • Make charts and graphs 	<ul style="list-style-type: none"> • Notebook 	<p>Approach:</p> <p>Explanation, Demonstration</p> <p>Activity:</p>	<p>Rubric for notebook</p>	<p>Life skills:</p> <ul style="list-style-type: none"> • Logical • Analytical <p>Subject: Designing</p>	

PART-B Subject Specific Skills Chapter-8 Topic: Working with presentation Sub-topics: <ul style="list-style-type: none"> • Use of presentation package • Making presentation • Slide layouts • Saving a presentation • Template Periods: 6 Month: Nov. - Dec.	Students will be able to: <ul style="list-style-type: none"> • Create presentation • Use templates • Editing and formatting slides • Saving presentation 	<ul style="list-style-type: none"> • Notebook 	Approach: Explanation, Demonstration, Activity: make presentation	Rubrics for note book	Life skills: <ul style="list-style-type: none"> • Creative • Technical • Logical Subject: English	make presentation (Bihar)
PART-B Subject Specific Skills Topic: Chapter-9	Students will be able to: <ul style="list-style-type: none"> • Insert slide in a presentation • Insert image in a presentation 	<ul style="list-style-type: none"> • Notebook 	Approach: Explanation, Demonstration, Experiential	Rubrics for note book	Life skills: <ul style="list-style-type: none"> • Creative skills Subject: Language	Make a presentation using animation

<p>Digital Slides</p> <p>Sub-topics:</p> <ul style="list-style-type: none">• Inserting slides• Copying and moving content• Working with table• Image in presentation• Animation in presentation <p>Periods: 7</p> <p>Month: Nov.-Dec.</p>	<ul style="list-style-type: none">• Adding animation in presentation• Formatting presentation		<p>Activity:</p> <p>Make a presentation using images and animation</p>			
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ST. PAUL'S CO-ED SCHOOL, BHOPAL**Annual Curriculum and Pedagogical Plan (2024-25) CONSOLIDATED SHEET OF ALL SUBJECTS - CLASS X**Class : **X** **INFORMATION TECHNOLOGY**

Topic : Unit 1	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :5 When:June						
Topic : Communication Skills-II Sub-topics : Create and apply styles Insert and add image in document Create and use templates Implement Mail merge No. of Periods:12 Month:August	Students will be able to : Implement Mail Merge Create and customize Table of Contents Insert and use of images in a document	Mini Practical direct observation	Approach: Laboratory method Explanatory method Experiential method Activity: Article writing Designing Art of Bihar	Rubrics of observation	Analyzing Creative Subject: English	Collage Clip art of Bihar

Topic :2- Self Management	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:July						
Topic : Self Management Sub-topics : Skills of self management Self awareness Self motivation No. of Periods:3 Month:July	Students will be able to : Apply stress management techniques. Demonstrate the ability to work independently.	Role play Note book	Experiential learning Kinesthetic Visual learning	Rubrics for note book Samples of rubrics for role play	Leadership, Social and Communication skills	Performing art

Topic :3 ICT skills No. of Periods :10 When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : ICT skills Sub-topics : Classification of O/S Types of O/S Computer care Ways to prevent virus No. of Periods:8 Month:	Apply basic skills for care and maintenance of computer. Distinguish between different O/S	Concept maps of	Experiential learning Interactive method Making of concept maps	Samples of concept maps	Information literacy Media literacy Technology	

Topic : 4-Entrepreneurial skills No. of Periods :6 When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Entrepreneurial skills-II Sub-topics : Qualities of Entrepreneurs Functions of Entrepreneurs Myths about Entrepreneurships No. of Periods:4 Month: July	Characteristics of successful Entrepreneur Entrepreneurship as a career option Entrepreneurship and society	Peer assessment Case study	Explanatory method	Sample of peer assessment rubrics	Critical thinking Creativity Collaboration Communication	Film making
Topic : 5-Green Skills-II No. of Periods :8 When: August	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic :	Students will be	Peer	Explanatory method	Sample of peer	Civics	Performing art

Green Skills-II Sustainable development Goals of sustainable development Sub-topics : No. of Periods:3 Month: Sept	able to understand the a)Importance of sustainable development b) Problems and solutions of sustainable development	assessment MCQ Making chart	Audio linguistic Chart presentation Using Informatic media	assessment chart Rubrics for chart	Global awareness Environmental Literacy	
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PART B

Topic : Unit 1 Digital Documentation No. of Periods :4 When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic :Digital documentation	Students will be able to Implement Mail merge	Mini practical Direct observation	Laboratory methd Explanatory method Experiential method Activity:	Rubrics of observation	Analysing Creativity Sub: English	Collage, clip art of Bihar

Sub-topics : No. of Periods:8 Month: Oct.	Create and customise table of contents Insert and use of images in a document		Article writing Designing Art of Bihar			
Topic : Unit 2 Electronic spreadsheet No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic :Electronic spreadsheet Sub-topics : Consolidating data Creating subtotal What-if-analysis No. of Periods:8	Students will be able to Identify What-if scenarios Analyse data using scenarios and goal seek Link data and spreadsheet	Checklist Peer assessment (Application based question)	Approach: Computational techniques Programming techniques Activity: Problem solving Presenting	Rubrics for checklist	Reading and analysing data Sub: Maths	Collect the data of National parks and wildlife sanctuaries in Bihar and show in the form of pie-chart

Month: Nov.						
Topic : Unit 3 Database management No. of Periods:14 When: Nov.	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic :Data Base Management System Sub-topics : Benefits of DBMS Creating table Elements of Data Base Managing QUERY No. of Periods:10 Month: Dec.	Students will be able to Appreciate the concept of DBMS Perform operations on Table Create Forms and Reports using wizard	Peer Assessment sheet Concept Map	Approach Experiential learning Laboratory Method Explanation method Activity: Problem solving Presenting	Sample of concept map Peer assessment sheet	Problem solving Assessing Analysing Synthesising Sub:Science	Infographics

Topic : Unit 4 Web Application security	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods:20 When: Dec.						
Topic :Web application and security Various types of impairment Networking fundamentals Cyber threats Health and safety at work place	Students will be able to Understand networking fundamentals Creating and publishing web pages Prevent accidents Protect Health and safety at work.	Note book Portfolio Self assessment by MCQ	Approach: Explanatory method	Questions from the smart board	Information literacy Media literacy	
Sub-topics :						
No. of Periods:7						
Month: Dec.						

सेंटपॉल को-एड स्कूल, आनंद नगर, भोपाल

वार्षिक पाठ्यचर्या एवं शैक्षणिक योजना 2024-25

कक्षा ...10.....

विषयहिन्दी

शीर्षक (विषय)- कालखण्ड की संख्या कब -	सीखने के परिणाम	मूल्यांकन उपकरण	शिक्षण सीखने की रणनीतियाँ एवं गतिविधियाँ	संसाधन	अंतर अनुशासनात्मक / बहु अनुशासनात्मक	कला एकीकरण खेल एकीकरण
क्षितिज-पद्य भाग विषय- पाठ 1 (सूर के पद) उपविषय-संदेश लेखन, विज्ञापन कालखण्ड- 6 मास- अप्रैल	विद्यार्थी सीख पाएँगे- • संवेदना (विचार) • निस्वार्थ प्रेम की पहचान • विश्लेषण	भक्ति गीत, पुस्तिका, प्रस्तुति	प्रस्तुतिकरण, चिन्तन,व्याख्या, आगमन-निगमन, लेखन गतिविधि – श्रवण- भाषण	जाँचसूची का नमूना	कौशल- चिन्तन, संवेदना विषय- राजनीति विज्ञान, पर्यावरण विज्ञान	मधुबनी चित्रकारी (बिहार)
क्षितिज गद्य भाग विषय- पाठ 7 (नेताजी का चश्मा) कालखण्ड- 6 उपविषय- वाच्य मास- अप्रैल	विद्यार्थी सीख पाएँगे- 1. स्वतंत्रतासेनानियों के प्रति आदर भाव . स्वतंत्रता सेनानियों का योगदान 2. देश भक्ति की भावना	अनुच्छेद लेखन, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन गतिविधि- शौर्य स्मारक भ्रमण	अनुच्छेद लेखन जाँचसूची का नमूना	कौशल- सृजन, चिन्तन, लेखन विषय- सामाजिक विज्ञान, इतिहास ,कला,	स्वतंत्रता सेनानियों के मुखौटे बनाना.
गद्य भाग विषय- पाठ 2 (बालगोबिन भगत) उपविषय- ई-मेल लेखन	विद्यार्थी सीख पाएँगे- • सहयोगात्मक कौशल • व्याख्या 1. ग्रामीण सामाजिक सांस्कृतिक परिवेश से परिचय	आलेख, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन गतिविधि – प्रभाती गायन	शोधकार्य	कौशल-चिन्तन सात्विक जीवन शैली के लाभ विषय- इतिहास, कला, सा.विज्ञान	भक्ति आधारित कविता रचना

कालखण्ड-6 मास- जून	2.विक्रम संवत कैलेंडर से पहचान					
पद्य भाग विषय- पाठ 2 (राम -लक्ष्मण- परशुराम) उपविषय- अलंकार कालखण्ड- 6 मास- जुलाई	विद्यार्थी सीख पाएँगे- • सहयोगात्मक कौशल • समीक्षा 1. रोमांचकारी अनुभव 2. सहयोग	समकक्ष आंकलन शीट, पुस्तिका	व्यावहारिक, व्याख्या, आगमन- निगमन गतिविधि – लघु नाटिका	समकक्ष मूल्यांकन शीट	कौशल- व्यवहार कुशलता विषय- नैतिक शिक्षा, गणित, मनोविज्ञान	
कृतिका विषय- पाठ 1 (माता का आंचल) कालखण्ड- 6 मास- जुलाई	विद्यार्थी सीख पाएँगे- • विश्लेषण • व्याख्या ग्रामीण जनजीवन प्राकृतिक सौन्दर्य	प्रतिबिंब शीट, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, पोर्टफोलियो गतिविधि – तुकबंदी करना	संकल्पना, समकक्ष मूल्यांकन शीट	कौशल- चिन्तन विषय- कला, नैतिक शिक्षा, पर्यावरण विज्ञान	बिहारी खाना लिट्टी चोखा
गद्य भाग विषय- पाठ 9 (लखनवी अंदाज) उपविषय- रचना के आधार पर वाक्य कालखण्ड- 6 मास- जुलाई	विद्यार्थी सीख पाएँगे- • पहचान • विश्लेषण 1. रोमांचकारी अनुभव 2. नवाबी संस्कृति से परिचय 3. उर्दू भाषा	समकक्ष आंकलन शीट, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, पोर्टफोलियो गतिविधि – मित्र को पत्र	समकक्ष आंकलन	कौशल- चिन्तन विषय- नैतिक शिक्षा, सा.विज्ञान, मनोविज्ञान	सलाद बनाना
विषय- पाठ 3 (आत्मकथ्य) उपविषय- पद परिचय, स्ववृत्त लेख कालखण्ड- 4	विद्यार्थी सीख पाएँगे- • स्मरण • विश्लेषण 1. छायावादी दर्शन	समकक्ष आंकलन शीट, पुस्तिका, वस्तुनिष्ठ	प्रस्तुतिकरण, अनुभवात्मक, व्याख्या गतिविधि – आत्मकथा लेखन	समकक्ष मूल्यांकन शीट	कौशल-अभिव्यक्ति विषय- नैतिक शिक्षा,भूगोल, जीवविज्ञान	

मास- अगस्त	2.कथात्मक शैली	प्रश्न				
विषय- पाठ 10 (एक कहानी यह भी) कालखण्ड- 6 मास- अगस्त	विद्यार्थी सीख पाएँगे- • विश्लेषण • पहचान 1. अहंकार से हानि 2. स्वतंत्रता आंदोलन 3.सकारात्मक जिद 4.स्वयं का आंकलन	रुब्रिक के लिए परियोजना, पुस्तिका	व्यावहारिक, व्याख्या, पोर्टफोलियो गतिविधि – महिला साहित्यकारों से संबंधित पोस्टर	परियोजना के लिए रुब्रिक बनाना	कौशल- आत्म विश्वास स्वतंत्रता प्रेम विषय- नैतिक शिक्षा, राजनीति विज्ञान	
विषय- पाठ 4 (उत्साह और अट नहीं रही) उपविषय- पद परिचय कालखण्ड- 4 मास- अगस्त	विद्यार्थी सीख पाएँगे- • सहयोगात्मक कौशल • पहचान 1.जल का महत्व 2.क्रांतिकारी विचारधारा 3.ऋतु परिवर्तन को जीवन से जोड़ना	समकक्ष आंकलन शीट, पुस्तिका	व्यावहारिक, प्रस्तुतिकरण गतिविधि – फागुन मास के सौंदर्य का चित्रण	समकक्ष मूल्यांकन शीट	कौशल- सृजन विषय- विज्ञान.	(कागज़)पुष्प सज्जा
विषय- पाठ 11 (नौबत खाने में इबादत) कालखण्ड- 4 मास- अगस्त	विद्यार्थी सीख पाएँगे- • विज्ञापन • लेख 1. प्रेरणार्थक साक्षात्कार 2. मानवीय गुणों का विकास	रुब्रिक के लिए परियोजना, पुस्तिका	व्याख्या, पोर्टफोलियो अनुभवात्मक गतिविधि – शोध कार्य एक राग विशेष पर	परियोजना के लिए रुब्रिक बनाना कालखण्ड- 6 मास- नवम्बर	कौशल- संवेगात्मक विषय- पर्यावरण विज्ञान, वनस्पति विज्ञान एवं कला विज्ञान नैतिक शिक्षा	शहनाई बनाना
विषय- पाठ 5 (दंतुरित मुस्कान, फसल) कालखण्ड- 4 मास- अक्टूबर	विद्यार्थी सीख पाएँगे- • स्मरण • रचनात्मक कौशल 1. नदियों का संरक्षण 2. प्राकृतिक सौन्दर्य	अवधारणा, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, प्रस्तुतिकरण गतिविधि- एन. सी. ई.आर. टी. द्वारा	अवधारणा मानचित्र नमूना	कौशल- सहयोगात्मक व्यवहार वात्सल्य रस विषय- इतिहास, विज्ञान	मिट्टी के बर्तन बनाना

	मानवीकरण, अतिशयोक्ति अलंकार		नागार्जुन पर बनाई गई फिल्म			
विषय- पाठ 6 (संगतकार) कालखण्ड-4 मास- अक्टूबर	विद्यार्थी सीख पाएँगे- • विश्लेषण • मूल्यांकन 1. सहयोगी का महत्व 2.संगीत के सात सुर	अवधारणा, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन गतिविधि – तार सप्तक का ज्ञान	अवधारणा मानचित्र नमूना	कौशल- मनुष्यता विषय- कला विज्ञान, संगीत ज्ञान,	
विषय- पाठ 2 कृतिका-(साना-साना हाथ जोड़ी) कालखण्ड- 6 मास- नवम्बर	विद्यार्थी सीख पाएँगे- • मूल्यांकन • विकसित करने की रणनीति 1. प्रदूषण के दुष्परिणाम 2.प्राकृतिक जल संचय की व्यवस्था 3.देश के प्रहरी हिमालय से परिचय 4.प्राकृतिक सौंदर्य गंगटोक शहर की संस्कृति से परिचय	समकक्ष आंकलन शीट, पुस्तिका	व्यावहारिक, सहपाठी आंकलन गतिविधि – कोलाज	समकक्ष मूल्यांकन शीट	कौशल- भाईचारा, सेना पर गर्व विषय- पर्यटन विज्ञान , पर्यावरण विज्ञान	सिक्किमी पहनावा
कृतिका- विषय- पाठ 3 (मैं क्यों लिखता हूँ) कालखण्ड- 4 मास- नवम्बर	विद्यार्थी सीख पाएँगे- • विश्लेषण • मूल्यांकन संवेदनशीलता, अनुभूति हिरोशिमा की घटना विज्ञान का दुरुपयोग	अवधारणा, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन गतिविधि – वाद- विवाद	अवधारणा मानचित्र नमूना	कौशल- मनुष्यता संवेदनशीलता, अनुभूति विषय- विज्ञान,	हिरोशिमा बम कांड पर कोलाज

विषय- पाठ 12 (संस्कृति) कालखण्ड- 4 मास- नवम्बर	विद्यार्थी सीख पाएँगे- • विश्लेषण • रचनात्मक कौशल 1.सभ्यता और संस्कृति में अंतर 2.लेखन शैली 3.न्यूटन का गुरुत्वाकर्षण सिद्धांत	समकक्ष आंकलन शीट, पुस्तिका	चिन्तन आधारित पूछताछ, व्याख्या, आगमन-निगमन गतिविधि – अनुच्छेद लेखन	समकक्ष मूल्यांकन शीट	कौशल- आविष्कार विषय- इतिहास विज्ञान,	
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ANNUAL PEDAGOGICAL PLAN – 2024 -25

Class – X SOCIAL SCIENCE

Month	Topic & Sub topic	No of periods	Learning Outcome	Assessment tools	Teaching learning strategies / activities	Resources	IDS/Subject	Art Integration & sports
	Is 1 Power Sharing <ul style="list-style-type: none"> - Belgium & Srilanks - Majoritarianism in Srilanka - Accommodation in Belgium - Why power sharing is desirable? 		Students will be able to <ul style="list-style-type: none"> - Understand the term power sharing - Describe the power sharing model of Belgium - Critically analyse the majoritarianism 	<ul style="list-style-type: none"> - Notebook - Concept map - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory - Reflective Inquiry Activity - presenting <ul style="list-style-type: none"> - Collect newspaper cutting of various news related to various organs of 	<ul style="list-style-type: none"> - Sample of checklist - Sample of concept map - Sample of rubrics 	<ul style="list-style-type: none"> - Critical thinking - Civic literacy Subject – Art	<ul style="list-style-type: none"> - Visual art

			sm in Srilanka		government and make a collage of the same.			
	<u>Ls 2 – Federalism</u> <ul style="list-style-type: none"> - What is federalism? - What makes India a federal country? - How is federalism practiced? - Decentralisation in India 		<ul style="list-style-type: none"> - Define the term federalism - Identify the key features of Indian federalism - Enlist the provisions adopted to maintain federalism in India 	<ul style="list-style-type: none"> - Peer Assessment sheet - Concept map - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory - Collaborative Activity – presenting Role play on power sharing between union and state government	<ul style="list-style-type: none"> - Peer assessment sheet - Sample of concept map - Sample of rubrics 	<ul style="list-style-type: none"> - Civil literacy - Decision making Subject : Geography	Performing art
	<u>Ls 3 – Gender Religion & Caste</u> <ul style="list-style-type: none"> - Gender & politics - Religion, communalism and Politics - Caste and politics 		<ul style="list-style-type: none"> - Recognize the different ways in which gender roles are enforced in the society - Analyse the challenges posed by communalism to a democracy - Engage in initiatives that helps promote religious harmony 	<ul style="list-style-type: none"> - Notebook - Reflection sheet (GD) - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory - Behavioural Activity – presenting <ul style="list-style-type: none"> - Make a poster on the topic “Religious harmony need of the hour” 	<ul style="list-style-type: none"> - Sample of checklist - Sample of rubrics 	<ul style="list-style-type: none"> - Empathy - Problem solving Subject : Art	Visual art

	<u>Ls 4 – Political Parties</u> <ul style="list-style-type: none"> - Why do we need political parties? - National Parties - State Parties - Challenges to political parties - How can parties be reformed? 		<ul style="list-style-type: none"> - Realise the importance of political parties in democracy - Comprehend the various types of party system - Evaluate the merits and demerits of each type of party system 	<ul style="list-style-type: none"> - Note book - Concept map - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory - Reflective inquiry Activity – presenting <ul style="list-style-type: none"> - Multimedia presentation on the multiparty system in India 	<ul style="list-style-type: none"> - sample of checklist - Sample of concept map - Sample of rubrics 	<ul style="list-style-type: none"> - Critical thinking - Digital literacy Subject : Information technology	Visual art 3D
	<u>Ls 5 – Outcomes of Democracy</u> <ul style="list-style-type: none"> - Assessing democracy's outcome - Accountable, responsive and legitimate government - Economic growth - Accommodation of social diversity 		<ul style="list-style-type: none"> - Interpret the outcomes of the democracy - Compare democratic government with that of dictatorship in terms of growth and development - Inculcate the value of dignity and freedom of individual in social life 	<ul style="list-style-type: none"> - Peer assessment sheet - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory - Reciprocal teaching Activity – presenting <ul style="list-style-type: none"> - Draw a cartoon strip showing how democracy accommodates social diversities 	<ul style="list-style-type: none"> - Peer assessment sheet - Sample of rubrics 	Creative thinking Subject : Art	Visual art

Month	Topic & Sub topic	No of periods	Learning Outcome	Assessment tools	Teaching learning strategies / activities	Resources	IDS/Subject
	<u>Ls 1. Development</u> <ul style="list-style-type: none"> - What development promises? - Income & other goals - National Development - Public Facilities 		<ul style="list-style-type: none"> - Compare the development goals - State the indicators of development - Explain the need for sustainable development - Formulate a sustainable development plan 	<ul style="list-style-type: none"> - Reflection sheet - Notebook - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory - Inquiry based <p>Activity – presenting</p> <ul style="list-style-type: none"> - Make a cartoon strip depicting the situation faced during lack of public facilities 	<ul style="list-style-type: none"> - Sample of reflection sheet - Checklist - Sample of rubrics 	<ul style="list-style-type: none"> - Critical thinking - Problem solving <p>Subject :</p> <ul style="list-style-type: none"> - Art
	<u>Ls 2 Sectors of Indian Economy</u> <ul style="list-style-type: none"> - Three sectors of economy - Comparing the three sectors - Division of sectors as organized and unorganized 		<ul style="list-style-type: none"> - Interpret the significance of the service sector in the Indian economy - Identify the challenges faced in trying to raise employment level in India 	<ul style="list-style-type: none"> - Concept map - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory - Reciprocal teaching <p>Activity : Using madhubani art depict the life of people engaged in primary sector</p>	<ul style="list-style-type: none"> - Sample of concept map - Sample of rubrics 	<ul style="list-style-type: none"> - Creative thinking <p>Subject : Geography Art</p>

			- Discuss political solution for improving				
	<u>Ls 3. Money & Credit</u> <ul style="list-style-type: none"> - Modern forms of money - Loan activities of banks - Two different credit situations - Terms of credit - Self help groups 		<ul style="list-style-type: none"> - Explain the role of money as a medium of exchange - Identify the modern forms of money - Evaluate the different sources of credit 	<ul style="list-style-type: none"> - Peer assessment sheet - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory - Collaborative <p>Activity : presenting - role play on the functioning of self help groups</p>	<ul style="list-style-type: none"> - peer assessment sheet - Sample of rubrics 	<ul style="list-style-type: none"> - social skill - communication <p>Subject : Theatre art</p>
	<u>Ls 4. Globalisation & the Indian Economy –</u> <ul style="list-style-type: none"> - Production across countries - Interlinking production - Foreign trade and integration of markets - Globalisation - World Trade Organisation 		<ul style="list-style-type: none"> - Familiarize with the basic concepts like globalization, liberalization etc - Analyse the merits and demerits of globalization - Correlate liberalization with easy availability of foreign goods - 	<ul style="list-style-type: none"> - Concept map - Note book - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory <p>Activity – presenting - Prepare a video link showing the policies initiated by Indian govt under globalization</p>	<p>Sample of checklist Sample of rubrics</p>	<ul style="list-style-type: none"> - Problem solving <p>Information literacy Subject : Computer Political science</p>

	<u>Ls 5. Consumer Rights</u> – <ul style="list-style-type: none"> - The consumer in the market place - Consumer movement - Safety is everyones right - Taking consumer movement forward 		<ul style="list-style-type: none"> - Summarize consumer rights - Contrast consumer responsibilities and consumer rights - Correlate the knowledge to real life situations 	<ul style="list-style-type: none"> - Notebook - Concept map - Rubrics of project 	<ul style="list-style-type: none"> - Explanatory - Behavioural <p>Activity – presenting Write and present a jingle making people aware of consumer rights</p>	<ul style="list-style-type: none"> - Sample of chceklist - Sample of concept map - Sample of rubrics 	<ul style="list-style-type: none"> - Creative thinking - Civic literacy <p>Subject : English</p>
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Month	Topic & Sub topic	No of periods	Learning Outcome	Assessment tools	Teaching learning strategies / activities	Resources	IDS/Subject
	Ls 1. Resources and Development <ul style="list-style-type: none"> - Development of resources - Sustainable resources - Resource planning - Land resource - Soil as a resource 		<ul style="list-style-type: none"> - Differentiate between various kinds of resources. - Identify the resources on the basis of classification - Understand that Sustainable Development is a need of an 	<ul style="list-style-type: none"> - Reflection sheet - Notebook 	<ul style="list-style-type: none"> - Explanatory - Collaborator y <p>Activity : presenting Group discussion on earth summit 1992</p>	<p>Reflection sheet</p> <p>Sample of checklist</p>	<ul style="list-style-type: none"> - Critical thin - Problem sol <p>Subject : English Geography</p>

			hour. · Evaluate the methods to check soil erosion				
	Ls 2. Forest and wildlife resources - Flora and fauna in India - Conservation of forest and wildlife - Types and distribution of forest		- know about the importance of biodiversity in ecological system - understand the causes of the depletion of flora and fauna - get familiarised with various conservation strategies - realize the contribution by community in conserving forest and wild life	- concept map - note book - rubrics for project	- explanatory - reflective inquiry Activity : presenting Poster on conservation of forests	- sample of concept map - sample of checklist - sample of rubrics	- problem sol - empathy subject : art
	Ls 3. Water Resources - Water scarcity & need for water conservation - Multipurpose		- Identify the causes of water scarcity - Justify the need for water conservation &	- Notebook - Concept map - Rubrics for project	- Explanatory - Collaborative Activity : presenting Design a rain water	- Sample of checklist - Sample of concept	- Civic literac - Social skill Subject : Geography Science

	river projects - Rainwater harvesting		management - Analyse the various inter-state disputes and riots among different communities - Analyse the benefits and drawbacks of Multi-purpose river valley projects - Design different strategies for conserving water at home		harvesting project for your house	map - Sample of rubrics -	
	Ls 4. Agriculture - Types of farming - Cropping pattern - Major crops - Technological and institutional reforms		- Summarise the types of farming in india - Distinguish between the crops grown in different seasons - Infer the reforms in the agricultural sector	- Note book - Concept map - Rubrics of project	- Explanatory - Reflective inquiry Activity : presenting Collage on the crops grown in the partner state Bihar	- Sample of checklist - Sample of concept map - Sample of rubrics	- Collaboration - Social skill Subject : Science Art

	<p>Ls.5. Minerals and Energy Resources</p> <ul style="list-style-type: none"> - What is a mineral - modes of occurrence - ferrous and non ferrous minerals - conservation of minerals - conventional sources of energy - non conventional sources of energy- 		<ul style="list-style-type: none"> - explain the mode of occurrence of minerals - differentiate between ferrous and non ferrous minerals - evaluate the need to shift to non conventional sources of energy 	<ul style="list-style-type: none"> - concept map - peer assessment sheet - rubrics for project 	<ul style="list-style-type: none"> - explanatory - reciprocal teaching <p>activity – presenting compose a poem on the need to conserve sources of energy</p>	<ul style="list-style-type: none"> - sample of concept map - peer assessment sheet 	<ul style="list-style-type: none"> - critical thinking - social skill <p>subject</p> <ul style="list-style-type: none"> - English - Hindi
	<p>Ls 6. Manufacturing industries</p> <ul style="list-style-type: none"> - importance of manufacturing - classification of industries - industrial pollution and environmental degradation 		<ul style="list-style-type: none"> - appraise the importance of manufacturing industries in its economic growth. - Determine the contribution of industries in national economy growth. 	<ul style="list-style-type: none"> - Peer assessment - Notebook - Rubrics for project 	<ul style="list-style-type: none"> - Explanatory - Behavioural <p>Activity – presenting Cartoon on growing industrial pollution</p>	<ul style="list-style-type: none"> - peer assessment sheet - checklist - sample of rubrics 	<ul style="list-style-type: none"> - critical thinking - civic sense <p>Subject : Art Science</p>

			<ul style="list-style-type: none"> - Analyze the factors responsible for environmental degradation. - Articulate plans to reduce industrial pollution. 				
	<p>Ls 7. Lifelines of National Economy</p> <ul style="list-style-type: none"> - transport - communication - international trade - tourism as trade - 		<ul style="list-style-type: none"> - understand the importance of transport, communication and trade for a country progress. - Get sensitized about types of roads found in India. - Identify important roads of India. - Appreciate the tourism industry of India. - Ponder over the problem of damaging public property like transport. 	<ul style="list-style-type: none"> - concept map - reflection sheet 	<ul style="list-style-type: none"> - explanatory - collaborative <p>Activity – presenting</p> <p>Write an article on need for new rules against damaging of public property</p>	<ul style="list-style-type: none"> - sample of concept map - reflection sheet 	<ul style="list-style-type: none"> - problem solving - social skill <p>Subject : English</p>

Month	Topic & sub topic	No of periods	Learning outcome	Assessment tools	Teaching learning strategies/activities	Resources	ID/ Subject	Art integration & sports
	Ls. 1 Nationalism in Europe - Impact of French Revolution - making of Italy Germany The age of revolution		- understand the idea of a nation and emergence of modern Indian nation	Concept map Check list	- Audio linguistic Activities – presenting - designing	Sampe of concept map and check list	- creative thinking - experiential activity IDP IT	PPT
	Ls 2. Nationalism in India		- evaluate the effectiveness of the strategies applied by Gandhiji and other leaders in the movement organized by him	Concept map Peer assessment sheet	Collaborative Activities – presenting Peer assessment	Sample of concept map Assessment list	Communicative IDP English	Performing art Role play on various leaders who were involved in the freedom struggle
	Ls 3 Print Culture and the modern world		Enumerate the development of print Compare the advantages of handwritten books and	Peer assessment	Collaborative Reflective inquiry based Activities – presenting designing	Sample of peer assessment sheet	Creative thinking Subject : English	Visual News paper making

			printed books					
	Ls 4 The making of Global world		Understand the changes that transformed the world in terms of economy, political and cultural areas	Peer assessment	Collaborative Activities – presenting Peer assessing	Sample of peer assessment sheet	Creative thinking Subject : Art and craft	Collage making on new crops introduced b the traders and travellers

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan 2024-25

Class : 10th

Subject : Mathematics

Topic	Learning Outcomes	Assessment tools	Teaching/ learning strategy	Resources	TDP/MDP	Arts / sports Integration
Chapter 1 Real numbers *Introduction *Irrational number *HCF and LCM of real numbers Period : 12 Month : April	Students will be able to: *Express a number as product primes *Calculate HCF and LCM of numbers *Prove $\sqrt{2}, \sqrt{3}, \sqrt{5}$ etc as irrational numbers	Concept Map Rubrics for project (Factor tree for HCF)	*Lecture cum demonstration *Experiential learning *Reflective inquiry Activity : Factor tree for HCF	*Sample of Concept Map *Sample of Factor tree for HCF	Skill : Analytical thinking, behavioural creative skills Subjects involved : Physics, Arts	Visual : Application of factor tree informing real life designs
Chapter 2 Polynomials *Zeroes of a polynomial *Relationship between zeroes and coefficients of polynomial *Forming polynomials using zeroes Period : 8 Month : April	Students will be able to: *Find zeroes of polynomial *Find relationship between zeroes and coefficients of polynomial * Form polynomials using zeroes	*Note Book (Exercises) *Activity in Lab manual	*Lecture cum demonstration *Inductive deductive Activity : Relationship between zeroes and coefficients of polynomial	*Rubrics for note book *Journal Activity in lab manual	Skill : logical reasoning, observational, communicational Subjects involved : Physics	Visual : Relationship between zeroes and coefficients of polynomial
Chapter 3 Pair of Linear eqns in two variables *Finding the type and consistency of eqns *Solution of eqns	Students will be able to: *Compare the eqns and find whether eqns are consistent or not *Solve eqns by using graphical, elimination and substitution methods	*Peer Assessment (Quiz, HOTS)	*Constructivism, interactive Activity : Construct eqns on given situation	*Sample of peer assessment sheets (HOTS)	Skill : problem solving, communicative Subjects	Visual : Diagrammatic representing of an equation

by using graphical, elimination and substitution methods Period : 18 Month : July					involved : Physics	
Chapter 7 Coordinate geometry *Cartesian system *Finding distance between two points *Finding ratio of two parts Period : 4 Month : July	Students will be able to: * Find distance between two points * Find ratio of two parts	*Graph sheets (finding distance between points)	*Experiential learning Activity : finding distance between points on a graph sheet	*Sample of graph sheet	Skill : Analytical, thinking, observational Subjects involved : Physics, geography	Visual : Finding distance between given points on a plane (including partner states) Sport : Gulli danda
Chapter 4 Quadratic equations *Introduction to quadratic equation *Solving a quadratic equation by factorisation method *Nature of roots Period : 12 Month : July	Students will be able to: *Rewrite the given eqn in standard form *Solve a quadratic equation by factorisation method *Examine the discriminant of quadratic equation and find out the nature of roots	*Peer Assessment (Quiz, HOTS)	*Constructivism, interactive Activity : Construct eqns on given situation	*Sample of peer assessment sheets (HOTS)	Skill : problem solving, communicative Subjects involved : Physics	Visual : Diagrammatic representing of an equation
Chapter 5 Arithmetic Progression *nth term an A.P *Sum of n terms of an A. Period : 6	Students will be able to: *Calculate the nth term an A.P * Calculate the sum of n terms of an A.P	*Note Book (Exercises) *Activity in Lab manual	*Lecture cum demonstration *Inductive deductive Activity : Sum of n terms	*Rubrics for note book *Journal Activity in lab manual	Skill : logical reasoning, observational, communicational Subjects	Visual : Sum of n terms

Month : August					involved : Physics	
Chapter 6 Triangles *Similarity of triangles *Criteria for similarity of triangles *Properties of triangles Period : 14 Month : August	Students will be able to: *Observe the sides and angles of a given figure to determine similarity *Illustrate and apply the criteria for similarity of triangles *Apply properties of triangles to solve problems and prove theorems	*Reflection sheet (similarity of triangles)	*Demonstration, experiential, interactive Activity : Paper cutting and pasting method for similarity of triangles	*Sample of reflection sheet	Skill : observation Critical thinking Subjects involved : Arts	Visual : Paper cutting and pasting method for similarity of triangles
Chapter 8,9 Introduction and applications of Trigonometry *Trigonometric ratios of acute angles * Trigonometric identities * Trigonometric applications in real life Period : 20 Month : August	Students will be able to: *Find and compare Trigonometric ratios of acute angles *Compare and prove eqns by using identities *Apply Trigonometric applications in real life	*Note Book (Exercises) *Activity in Lab manual	*Lecture cum demonstration *Inductive deductive Activity : Finding height of building by using clinometers	*Rubrics for note book *Journal Activity in lab manual	Skill : logical reasoning, observational, communicational Subjects involved : Physics	Visual : Finding height of building by using clinometers
Chapter 10 Circles *Tangent to a circle Period : 8 Month : November	Students will be able to: * Know about the tangents *prove and find different measurements by using tangents	*Note book (Exercises)	*Lecture cum Demonstration, deductive Activity : Lab activity (Length of tangents from external point)	*Rubrics for note book Lab activity journal	Skill : Logical reasoning, learning by doing Subjects involved : Physics	Visual : Lab activity ((Length of tangents from external point)

Chapter 11,12 Areas related to circles and Surface area and volumes *Areas of sector and segment of circles *S.A of cone, sphere and hemisphere *Volume of cone, sphere and hemisphere Period : 18 Month : December	Students will be able to: *Find areas of different parts of circles like sector and segment *Derive formula for area and volume of solids like cone, sphere and hemisphere *Apply the derived formula in problems	*Note book (Exercises) *Project (3D shapes)	*Demonstration, deductive Activity : 3D models of cone, sphere and hemisphere	*Rubrics for note book *Rubrics for project (3D shapes and calculations)	Skill : Creativity, logical thinking, reasoning Subjects involved : Physics	Visual : Models of 3D shapes like sphere, cone and hemisphere and find its surface area and volumes
Chapter 13 Statistics *Mean, median and mode of data Period : 8 Month : December	Students will be able to: *Read, interpret and analyse given data *Find mean, median and mode of a given data	*Graph sheets	*Experiential, Demonstration, developing skills of finding mean, median and mode Activity : Finding mean, median and mode	*Sample of graph sheet	Skill : Creativity, analytical thinking Subjects involved : Physics, Arts	Including partner state : Mean, median and mode showing literacy rate of 5yrs in Bihar
Chapter 14 Probability *Problems based on probability Period : 8 Month : December	Students will be able to: *solve problems based on probability	*Note book (Exercises) Group activity (check list)	*Lecture cum demonstration, interactive Activity : Using playing cards to find probability of different types	*Rubrics for note book Check list for group activity	Skill : critical thinking Subjects involved : History	Performing art : Using playing cards to find probability of different types

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class : X

Subject : English

	Learning Outcomes	Assessment tools	Teaching Strategies/ Learning Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: A letter to God SubTopic: No of Periods: 4-5 Month: April	Students will be able to * Identify the irony and humour *Importance of faith , develop confidence *Express emotions and faith	Chart preparation and presentation (Figures of speech)	Method: Collaborative method Approach: Natural Activities and strategies: Making checklist	Sample of checklist	Lifeskill: *Interpersonal skill *coping with stress Subject involved: Value education	Art
Topic: Poem-Dust of snow SubTopic:	*Appreciate small things in life we take for	Reflection Sheet (Article	Method: Audio Lingual	Sample of reflection sheet	Lifeskill: Decision making Subject	Visual

No of Periods: 3 Month: April	granted *Appreciate beauty of nature *nature a great healer *optimism in everything	Writing)	Approach: communicative Approach Activities and strategies: Peer assessing		involved: Hindi Psychology	
Topic: Fire and Ice SubTopic: No of Periods: 3 Month: April	*Be familiar with the current world situation (war) *Analyse and interpret symbols in poem	Notebook Peer assessment (Figure of speech – Metaphor)	Method: Immersion method Collaborative method Approach: Natural approach Activities and strategies: Using information	Peer assessment sheet	Lifeskill: Analytical skill Social tolerance Subject involved: Hindi	Art
Topic: Nelson Mandela –A long walk to freedom SubTopic: No of Periods: 5 Month: April	* Impact of apartheid on black *Stand against discrimination *Perseverance	Concept map(nukkad natak)	Method: Flipped classroom Approach: Audio Lingual Activities and strategies: Researching	Sample of concept map	Lifeskill: Leadership skills Empathy Social Tolerance Subject involved: Social science	Art
Topic: A Tiger in the zoo	* develop sensitivity	Jingle (Write a jingle on	Method: Task based	Peer assessment	Lifeskill: Emotional	

SubTopic: No of Periods: 3 Month: June	towards animals * Importance of freedom and dangers of deforestation *save environment	save tiger) Peer assessment	Approach: Experiential Activities and strategies: Using information media	sheet	Critical thinking Subject involved: Science social science Maths	Visual
Topic: Two stories about flying SubTopic: No of Periods: 6 Month: June	* Overcome fear through challenges * Building self confidence and courage	Peer Assessment (Origami)	Method: Immersion Approach: Behavioural Activities and strategies: Problem solving	Sample of Peer assessment sheet	Lifeskill: Problem solving Subject involved: Science	Performing Art

Topic: How to tell wild animals SubTopic: No of Periods: 3 Month: July	* Identify the characteristics of various wild animals (Figure of speech – Pun) Understand the rhyme scheme)	Making Portfolio(Collage on wild animals)	Method: Explanation method Approach: natural Activities and strategies: using information media .	Peer assessment sheet	Lifeskill: Empathy Emotional Subject involved: Maths Science	Visual
Topic: Poem-The Ball poem SubTopic: No of Periods: 3 Month: July	*Cope up with the problems of life Epistemology of loss	Concept Map(Make a ball –best out of waste)	Method: Audio Lingual Approach: Behavioural Activities and strategies: Presenting	Sample of concept map	Lifeskill: Decision making and analytical skill Subject involved: Psychology	3D
Topic: From the Diary of Anne Frank SubTopic: No of Periods: 4 Month: July	*Sensitize toward differed relationships *understand the	Reflection Sheet (Diary Entry – Making their own diary page)	Method: Discussion method Approach: communicative Activities and strategies: Making Portfolio	Reflective inquiry sheet	Lifeskill: Emotional Problem solving Subject involved: Hindi	visual

	inner conflict of man				Psychology	
Topic: Poem- Amanda SubTopic: No of Periods: 4 Month: Aug	*Perceiving the instructions given by elders (nagging) * Not to curtail freedom of children *Gestures become habit .	Peer assessment (Pictorial mind map on Amanda)	Method: Discussion method Approach: Experiential Activities and strategies: presenting	Sample of Peer assessment sheet	Lifeskill: Self awareness *Coping with stress Subject involved: Hindi	Visual
Topic: Glimpses of India SubTopic: No of Periods: 8 Month: August	*Understand the culture and tradition of Indian states	Peer Assessment (Rope pulling –Rosy Tona of Assam)	Method: Direct method Approach: behavioural Activities and strategies: using information media	Peer assessment sheet	Lifeskill: Inter personal Intra personal Subject involved: Social science	Performing art

Topic: Poem- The trees SubTopic: No of Periods: 3 Month: oct	*Analyse the theme, Literary devices and imagery used in the poem	Rubric for Project (Madhubani painting on nature – Bihar)	Method: Discussion Approach- Task Based Activities and strategies: information media	Rubrics for project	Lifeskill: communication Creative thinking Decision making Subject involved: Hindi and social	Performing art
Topic: Mijbil the Otter SubTopic: No of Periods: 5 Month: Oct	*Analyse the relation between man and animal . *Relation between master and his pet	Portfolio (Name the fishes in your aquarium)	Method: Content based instruction Approach: Cooperative Activities and strategies: using information media	Peer assessment sheet	Lifeskill: Creative thinking Subject involved: science	Partner state sport (Bihar)
Topic: Fog Sub topic: No.of period: 3 Month: Oct	*Sensitize with nature *Appreciate nature *Familiarity with seasons	Peer Assessment (Self made poem)	Method: Silent way Approach: natural Activities and strategies: presenting	Peer assessment sheet	Life skill: creative thinking Subject involved: Science ,social	Performing art

Topic: Madam rides the bus Sub topic: No. of period: 3 Month: Nov	*Develop curiosity *awareness about social and environmental issues *acquire skills of communication	Reflection sheet (Story Board)	Method: Communicative Approach: Behavioural Activities and strategies: Designing story board using multiple mediums	Sample of Reflection sheet	Life skill: Communication skill Decision making Subject Involved: Maths	Visual
Topic: The Tale of Custard the Dragon Sub topic: No. of period : 3 Month: Nov	*Not to judge a book by its cover *Importance of inner strength *Presence of mind to cope up with situation	Concept map (Flow chart of the story of the poem)	Method: Interactive method Approach : Natural Activities and strategies : Presenting	Sample of concept map	Life skill: creative thinking Language Skill Subject involved : Hindi	Visual
Topic: Sermon at Banaras Sub Topic: No. of period: 3 Month: Dec	*Human beings are mortal *Death is inevitable	Reflection sheet (Board of Gestures) Child will write what good s/he did in that entire week and put on	Method: Immersion Method Approach: Experiential Activities and strategies: Problem solving	Sample of checklist	Life skill: Interpersonal skill Problem solving Subject Involved: Hindi	Visual

		notice board.				
Topic: For Anne Gregory Sub topic: No. of period: 3 Month: Dec	*Beauty is temporary *Appreciate an individual for inner self and not focus on what appeals to the eye .	Reflection sheet (self Reflection Questionnaire)	Method : Flipped classroom method Approach: Experiential Activities and strategies: Making of concept map	Sample of reflection sheet	Life skill : Analytical skills Subject involved: Hindi	Visual
Topic: The Proposal Sub Topic: No. of period: 4 Month: Dec FOOTPRINTS WITHOUT FEET	*Analyse the theme and moral value *Compose and contrast the character	Rubric for Project (Role play)railway station Market scene ,restaurant, play ground ,theatre)	Method: Enact the play Approach: Collaborative Activities and strategies: Presenting	Rubric for project	Life skill: Communication Social tolerance Subject involved: Hindi	Performing art

Topic: A Triumph of Surgery Sub topic: No.of period : 3 Month: April	*Analyse and express their own ideas in a creative and coherent way	Peer assessment sheet (paragraph on a particular breed of a Dog – physical structure, eating habits, specific characteristics)	Method : Communicative Approach: Collaborative Activities and strategies: using information media	Peer assessment sheet	Life skill: Empathy Emotional Subject involved: Science	Visual)
Topic: The Thief's story Sub topic: No. of period: 3 Month: June	*Understand the importance of education	Concept map (Article on Importance of Education)	Method: Discussion method Approach: Behavioural Activities and strategies: Making of concept map	Sample of concept map	Life skill: Analytical skill Subject involved: Hindi	Visual

Topic: The Midnight Visitor Sub topic: No. of period: 3 Month: July	Think fast and work Cleverly and methodically with patience in a surprisingly dangerous situation	*Rubrics for project (Detective story board)	Method : Audio Lingual Approach: Audio Linguistic Activities and strategies: using information media	Rubric for project	Life skill : Interpersonal Intra personal Subject involved: Hindi	Visual
Topic: A Question of Trust Sub topic: No. of period: 3 Month: July	*Develop a strategy to use key words /phrases /expressions appropriately	Checklist (Paragraph on the lesson you liked the most and why) –First Flight	Method: Dr. West Method Approach: Reflective inquiry based Activities and Strategies: Making Checklist	Sample of checklist	Life skill: Analytical I skill Subject Involved: science	Visual
Topic: Footprints without Feet Sub topic: No. of period: 3 Month: Aug	*Science is a good servant but a bad master	Peer assessment (Hop Scotch(Ikka Dukat) Bihar	Method: Direct method Approach: Collaborative Activities and Strategies: Problem solving	Peer assessment sheet	Skill: Self confidence Subject Involved: Science	Performing Art

Topic: The making of a Scientist Sub topic: No. of period: 3 Month: Aug	*understand what is biography *get ample knowledge of species and growth of butterflies	Research(using coconut to check underground water table)	Method: Brain storming Approach: Experiential Activities and Strategies: Researching	Research sheet	Skill: Scientific Critical thinking Subject Involved: social, Science	Field Trip
Topic: The necklace Sub Topic : No of Period : 3 Month : September	Appearance and materialism is fruitless and vain *identify examples of dramatic and situational irony	Concept Map (Jewellery making)	Method : Discussion Approach: Natural Activities and Strategies : Designing	Sample of concept map	Skill : contentment Problem solving Subject Involved : Science	Performing Art

Topic: Bholi Sub Topic : No of Period : 3 Month: November	*Importance of emotional security and family support	Reflection sheet (Role play on Girl child)	Method : CIL- Cooperative language learning Approach: Experiential Activities and Strategies: Problem solving	Sample of reflection Sheet	Skill : Problem solving Decision making Subject Involved : Hindi Value education	Performing Art
Topic: The book that saved the earth Sub Topic : No of Period : 3 Month: November		Peer Assessment (Interviewing alien s from mars)	Method : Suggestopedia Approach: Collaborative Activities and Strategies: Researching	Peer assessment sheet	Skill : Communication Subject Involved : Hindi Science	Visual

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class: X**Subject: Science**

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
<u>Topic:</u> Ch.1.Chemical Reactions and Equations <u>Sub-topics:</u> Types of Chemical reactions <u>No. of Periods:</u> 8 <u>Month:</u> April & June	*Identify and classify types of chemical reactions *design checklist	# Portfolio #Checklist	<u># Approach:</u> *Experiential <u># Activities:</u> *Making portfolio *Making checklist	*Sample of portfolio *sample of checklist	<u># Life skills:</u> *Critical Thinking skills *Reflective observation skills <u># Subject:</u> *Biology	<u>#Visual</u> (Madhubani art)
<u>Topic:</u> Ch.2.Acids, Bases & Salts <u>Sub-topics :</u> Properties of Acids, Bases & Salts <u>No. of Periods:</u> 8 <u>Month:</u> July & August		#Peer Assessment sheet #Rubric for assessment	<u># Approach:</u> *Reflective inquiry based *Collaborative <u>#Activities:</u> *Peer Assessing	* Peer Assessment sheet *sample of Rubric of assessment	<u># Life skills:</u> *Communication and Collaborative learning	#Culinary

Topic: Ch.3.Metals and Non-Metals Sub-topics: *Properties of Metals and Non-Metals *Metallurgy No. of Periods: 8 Month: October & November	*Create jingles to memorize first twenty elements. *develop a strategy to derive chemical formulae of ionic compounds	# Concept map	# Approach: *Reflective inquiry based #Activities: * making of concept map	*sample of conceot map	# Life skills: *Critical thinking *Interpersonal skills # Subject: *Social Studies	# Visual Art
Topic: Ch.4.Carbon and its Compounds Sub-topics: *Covalent Bond *Organic compounds No. of Periods: 10 Month: November & December	*develop collaborative skills. *create a 3D model *Design Questionnaire	# Questionnaire	# Approach: *Experiential *Collaborative #Activities: * Making of 3D model	*sample of questionnaire	# Life skills: *Creativity *interpersonal and problem solving # Subject: *Environmental Science	#3Dmodel (covalent compound)
Topic : Ch. 5 Life Processes Sub-topics: *Nutrition * Respiration	*Explain the structure and process of organ. *diagrammatically represent the systems involved in the process.	1Peer assessment of MCQ conceptual test) * Notebook.	# Approach: *Reflective inquiry based approach. *laboratory methods *collaborative activities	* Sample sheet of MCQ (peer Assessment) *Note book	# Life skills: *Critical thinking *Creative thinking *Collaboration (Sharing and caring)	#Clay modeling.

<p>*Transportation</p> <p>* Excretion</p> <p><u>No. of Periods:27</u></p> <p><u>Month:</u> March, April and June</p> <p><u>Topic :</u> Ch. 6 Control and coordination</p> <p><u>Sub-topics:</u> *Nervous System</p> <p>*Human brain</p> <p>*Coordination in plants</p> <p>*Hormones in animals</p> <p><u>No. of Periods: 8</u></p> <p><u>Month:</u> July & August</p> <p><u>Topic :</u> Ch. 7 How do organisms Reproduce</p>	<p>* differentiate the terms used and the process involved.</p> <p>*Explain the human Nervous System.</p> <p>*diagrammatically represent parts of Nervous System.</p> <p>*Differentiate between CNS, PNS and movement in plants.</p> <p>*Predict the function of hormones in humans and plants</p> <p>*Explain different parts of the flower.</p> <p>* Identify Reproductive parts of</p>	<p>.</p> <p>*Concept Map of hormones and organs and its effect on health.</p> <p>*Note book</p> <p>*Reflection (HOT ..questions. conditions and reflections)</p>	<p>*Making diagrams (individual)</p> <p>* Group work (models)</p> <p>*Transportation of water through xylem using color water.</p> <p><u># Approach:</u> *Explanatory approach.</p> <p>*Inquiry based approach.</p> <p><u>#Activities:</u> *Concept Map</p> <p>*using information media.</p>	<p>*Problem Solving questions</p> <p>*Answers of HOT questions.</p> <p>* Discussion method Group activities</p> <p>* Sample of concept map.</p>	<p># <u>Subjects:</u> *Chemistry,</p> <p>*Maths</p> <p>*Sports</p> <p># <u>Life skills:</u> *Critical thinking</p> <p>*Problem Solving</p> <p># <u>Subjects:</u> *Physics</p> <p>*Chemistry</p> <p>*Psychology.</p> <p># <u>Life skills:</u> *Critical thinking</p>	<p># Colour drops design of nerve cell</p> <p># Greeting cards using dry flowers.</p>
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Topic : Ch. 9 Light Sub-topics : * Reflection of light *Spherical mirrors *Refraction of light *Spherical lens *Power No. of Periods: 10 Month: April, June	*Analyze and identify formation of image for different positions of object	*Rubric for project	# Approach: * Reflective enquiry based *Laboratory method Activity: *Researching	*Rubric for project	#Skill: *Problem solving *Creativity #Subject: *Maths	# Visual
Topic : Ch. 10 Human eye and the colorful world Sub-topics : *Functioning of human eye *Defects of vision *Dispersion of light *Scattering of light No. of Periods: 10	*Analyze various parts of human eye and their functions	*Rubric for project *Notebook *Peer assessment	#Approach: * Collaborative #Activity: * Peer assessing	*Rubric for project *Rubric for peer assessment *Rubric for notebook	# Skill: *Design making *Artistic skills *Creativity # Subject: * Art	# 3D art integration

<u>Month:</u> July, August						
Topic : Chapter-11 Electricity Sub-topics : *Electric current *Potential difference *Ohms law *Combination of resistors *Heating effect *Electric power <u>No. of Periods:</u> <u>10</u> <u>Month:</u> September, October	* Conceptualize the chapter by making a concept map	* Checklist *Notebook *Laboratory method	<u># Approach:</u> *Reflective inquiry based *Inductive method <u># Activity:</u> <u>* Making checklist</u>	* Sample of concept map * Sample of checklist	<u># Skill:</u> * Critical thinking *Problem solving *Laboratory *Competence <u># Subject:</u> * Maths	# Visual # Art integration
<u>Topic :</u> Ch.12 Magnetic effects of current <u>Sub-topics :</u> *Magnetic field *Magnetic field of current carrying straight conductor, circular loop and	* Identify various components of domestic electric circuit in series and parallel combination	* Concept based question *Rubric for project *Notebook	<u># Approach:</u> * Collaborative *Experiential *Laboratory method <u># Activity:</u> * Researching *Differentiating	* Rubric for project *Rubric for notebook	<u># Skill:</u> * Team work *Design making *Collaboration	# 3D

solenoid *Force on current carrying conductor *Domestic electric circuit <u>No. of Periods:</u> 10 <u>Month:</u> November			*Presenting			
<u>Topic :</u> Ch. 13 Environment <u>Sub Topic:</u> *Ecosystem and it's components *Food chain *Food web& Pyramid *waste management *Ozone layer depletion. <u>No. of Periods:</u> 10 <u>Month:</u> December	*Describe various types of ecosystems. * Explain flow of energy in a food chain. *Differentiate between food web and food chain with examples. *justify depletion of ozone layer. * Planning to manage water generated at home.	*Rubric for Note books *Note book. *Preparation of checklist.	*Explanatory approach. *Deductive approach *Inductive approach. <u># Activity:</u> *Peer Assessment *concept Map	* Rubrics for note book. * Sample of check list.	<u># Skill:</u> *Decision making *collaboration *Effective management <u># Subject:</u> *Psychology *Physics *Chemistry CFCs Maths 10% law.	# Chart making.

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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: Chemistry

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
1.Topic: Basic concepts of chemistry Sub topics: *Importance of chemistry *Nature of matter *Properties of matter and their measurement *Laws of chemical combination *Dalton's atomic theory *Atomic and molecular masses *Mole concept and molar masses *Percentage composition *Stoichiometry and stoichiometric calculations No. of periods : 18 Month: July	*Students will develop a strategy to solve all calculations based on mole concept. *It will enable students to identify the practical applications of mole concept in various fields such as medicinal and environmental	*Note book *Peer assessment	Approach: Collaborative approach Activities and strategies: Problem solving	*Rubrics for notebook *Peer assessment sheet	*Numerical based on mathematics	*Visual {diagrammatic representation using balloons}
2.Topic: Structure of atom Sub topics: *Discovery of subatomic particles. *Atomic models *Developments leading to Bohr's model of atom *Bohr's model of atom *Towards quantum mechanical model of the atom	*It will enable students to make presentations based on the topic *Students will be able to apply knowledge of atomic structure and electronic	*Concept map	Approach: Experiential Activities and strategies: Making of concept map	*Sample of concept map	*Energy considerations [correlation with physics].	*Performing art

<p>*Quantum mechanical model of atom</p> <p>No. of periods: 28 periods</p> <p>Month : June</p>	<p>configuration to explain phenomena such as the periodic trends, chemical bonding and spectroscopy</p>					
<p>3.Topic: Classification of elements and periodicity in properties .</p> <p>Sub topics :</p> <ul style="list-style-type: none"> *Need to classify elements *Genesis of periodic classification * Modern periodic law and the present form of periodic table *Nomenclature of elements with atomic numbers greater than 100 *Electronic configuration and periodic table <p>No. of periods: 16 periods</p> <p>Month : August</p>	<p>*Analyzing periodicity in properties to solve problems and make predictions about the behavior of elements in different contexts</p> <p>*Evaluating the importance periodicity in organizing and understanding the behavior of elements in chemistry and related fields.</p>	<p>*Reflection sheet</p>	<p>Approach: Reflective inquiry based</p> <p>Activities and strategies: Researching</p>	<p>*Sample of reflection sheet</p>	<p>* Integrating with arts</p>	<p>3 D [model based on periodic properties</p>
<p>4.Topic: Chemical bonding and molecular structure</p> <p>Sub topics: *Kössel-Lewis Approach to Chemical Bonding</p> <ul style="list-style-type: none"> *Ionic or Electrovalent Bond * Bond Parameters * VSEPR Theory *VBT *Hybridisation *Molecular Orbital Theory *Bonding in Some Homonuclear Diatomic Molecules *Hydrogen Bonding 	<p>*Students will be able to relate and write articles relating concept of hybridization and bonding to real world applications in fields like materials science ,pharmacology and environmental chemistry</p> <p>*It will enable</p>	<p>*Project</p>	<p>Approach: Behavioural</p> <p>Activities and strategies: Using information media</p>	<p>*Rubrics for project</p>	<p>* Arts</p>	<p>*Visual</p>

No. of periods : 30 Month:August	students to analyse the shape of molecules based on hybridization.					
5.Topic: Thermodynamics Subtopics: *Thermodynamic Terms *Applications *Measurement of ΔU and ΔH : Calorimetry *Enthalpy Change, $\Delta_r H$ of a Reaction – Reaction Enthalpy * Enthalpies for Different Types of Reactions *Spontaneity Gibbs Energy Change and Equilibrium No. of periods:6 Month : August	*Students will be able to identify the direction and spontaneity of chemical reactions by applying thermodynamic principles	* Questionnaire	Approach: Collaborative Activities and strategies: Problem solving	* Sample of questionnaire	*Biology and biochemistry	*Visual [colorful depiction of criteria of spontaneity]
6.Topic:..Equilibrium Sub topics : *Equilibrium in Physical Processes Equilibrium in Chemical Processes *Dynamic Equilibrium *Law of Chemical Equilibrium and Equilibrium Constant *Homogeneous Equilibria *Heterogeneous Equilibria *Applications of Equilibrium Constants *Relationship between Equilibrium Constant K, * Reaction Quotient Q and Gibbs Energy G *Factors Affecting Equilibria * Ionic Equilibrium in Solution * Acids, Bases and Salts * Ionization of Acids and Bases * Buffer Solutions *Solubility	*Students will be able to evaluate how changes in external conditions disturb equilibrium and cause the system to shift to a new equilibrium state . *It will enable students to identify the importance of chemical equilibrium in industrial processes .	* Quiz	Approach: Cognitive [based on knowledge retention] Activities and strategies: Jigsaws [opportunity for students to teach other students]	* Sample of quiz questions	* Sports [See saw]	Sports [indigenous]

Equilibria of Sparingly Soluble Salts No. of periods: 12 Month : Sept						
7.Topic: Redox Sub topics: *Classical Idea of Redox Reactions-Oxidation and Reduction Reactions *Redox Reactions in Terms of Electron Transfer Reactions *Oxidation Number *Redox Reactions and Electrode Processes No. of periods : 8 Month:Oct	*Students will be able to identify common redox reactions and their applications in everyday life and industry .	*Practical experiments based on redox reactions	Approach: Experiential Activities and strategies: Observing redox reactions first hand and reinforcing theoretical concepts	*Observations and calculations in practical note book	* Biology [Describing the role of redox reactions in biological systems ,such as cellular respiration and photosynthesis.]	* Visual
8.Topic: Organic chemistry basic principles and techniques Subtopics: *General Introduction *Tetra valence of Carbon: Shapes of Organic Compounds *Structural Representations of Organic Compounds *Classification of Organic Compounds *Nomenclature of Organic Compounds *Isomerism * Fundamental Concepts in Organic Reaction Mechanism * Methods of Purification of Organic Compounds *Qualitative Analysis of Organic Compounds *Quantitative Analysis No. of periods: 20 Month : oct	* Students will be able to rationalize [explain or justify with logical reasons] different chemical phenomena during organic reactions.	* Case studies for problems based on organic chemistry .Students will analyze the case and propose solutions on their understanding of principles.	Approach: Reflective inquiry based Activities and strategies: Problem solving	* Sample of case study sheet	*Biology ,environmental science	*3D

9.Topic: Hydrocarbons Sub topics : *Classification *Alkanes *Alkenes *Alkynes *Aromatic *Hydrocarbon *Carcinogenicity and Toxicity No. of periods: 28 Month : Nov/Jan	*Students will be able to assess the practical application of hydrocarbons in industry ,including their use as fuels ,solvents ,raw materials for synthesis	* Work sheets	Approach: Activities and strategies:	* Sample of work sheets	* Agriculture and food science	*Visual

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: Computer Science

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi- disciplinary	Art Integration or Sports Integration
Topic: Chapter-3 Boolean Logic Sub-topics: <ul style="list-style-type: none"> • Boolean Gates • Boolean Laws • Circuit Diagrams No. of Periods: 10 Month: June	Students will be able to: <ul style="list-style-type: none"> • Apply Boolean laws and create truth table • Design circuit diagrams using Boolean gates 	Peer Assessment	Approach: Explanation , Demonstration, Interactive, Experiential, Collaborative Activity: Peer assessment in class	Peer Assessment sheet	Life skills: <ul style="list-style-type: none"> • Critical and Analytical thinking • Problem solving skills Subject: Maths	Design a truth table of Traditional, Art and Cultural features of 'Bihar' found in different cities.
Topic: Chapter-1 Computer System Overview Sub-topics: <ul style="list-style-type: none"> • Basic computer organisation • Types of softwares No. of Periods: 3 Month: June	Students will be able to: <ul style="list-style-type: none"> • Differentiate between various types of softwares • Analyse the functions of an output unit 	Notebook	Approach: Explanation, Interactive Activity: Making Checklist	Sample of Checklist	Life skills: Communication Collaboration Subject: Art	Chart on different types of softwares
Topic: Chapter-2 Data Representation Sub-topics: <ul style="list-style-type: none"> • Number 	Students will be able to: <ul style="list-style-type: none"> • Convert one number system to another 	Notebook	Approach: Explanation, Interactive	Sample of Checklist	Life skills: Communication Collaboration Subject: English	Infographic on types of number systems

<p>Systems</p> <ul style="list-style-type: none"> • Conversion of Number systems <p>Periods: 6 Month: July</p>			<p>Activity: Chapter exercises</p>			
<p>Topic: Chapter-4 Introduction to Problem solving Sub-topics:</p> <ul style="list-style-type: none"> • Functions of an operating system • Language processors <p>Periods: 3 Month: July</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Differentiate between a compiler and interpreter • Evaluate the functions of an operating system 	Concept Map	<p>Approach: Explanation, Interactive</p> <p>Activity: Making of concept map</p>	Sample of Concept map	<p>Life skills:</p> <ul style="list-style-type: none"> • Critical and Analytical thinking • Problem solving skills <p>Subject: Art</p>	Role Play on types of language processors
<p>Topic: Chapter-5 Getting started with Python Sub-topics:</p> <ul style="list-style-type: none"> • Advantages, Disadvantages of Python • Installing Python <p>Periods: 3 Month: July</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Install Python on their systems • Analyse the advantages and disadvantages of Python 	Concept Map	<p>Approach: Explanation, Interactive</p> <p>Activity: Making of concept map</p>	Sample of Concept map	<p>Life skills: Life skills:</p> <ul style="list-style-type: none"> • Observation Skills • Logical thinking skill • Analytical Skills • Communication skill <p>Subject: Art</p>	Chart on advantages and disadvantages of Python
<p>Topic: Chapter-6 Python Fundamentals Sub-topics:</p> <ul style="list-style-type: none"> • Tokens • Comments • Indentation, operators, punctuators <p>Periods: 5</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Use various tokens in a python program • Design a simple python program using operators 	<ul style="list-style-type: none"> • Peer Assessment • Practical 	<p>Approach: Explanation, Demonstration, Interactive</p> <p>Activity: Making of a program</p>	Sample of program	<p>Life skills:</p> <ul style="list-style-type: none"> • Critical and Analytical thinking • Problem solving skills <p>Subject: Maths</p>	Create a program to use operators to solve mathematical operations

Month: July						
Topic: Chapter-7 Data Handling Sub-topics: <ul style="list-style-type: none"> • Data types • Unary Operators • Binary operators Periods: 5 Month: July	Students will be able to: <ul style="list-style-type: none"> • Use various data types in a python program • Evaluate the advantages of using different operators 	<ul style="list-style-type: none"> • Notebook • Practical 	Approach: Explanation, Demonstration, Interactive Activity: Peer Assessment	Peer Assessment Sheet	Life skills: <ul style="list-style-type: none"> • Critical and Analytical thinking • Problem solving skills Subject: Maths	Create a program to use operators to illustrate the use of unary and binary operators
Topic: Chapter-8 Flow of Control Sub-topics: <ul style="list-style-type: none"> • Conditional Statements • Iterative Statements • Loops Periods: 15 Month: August	Students will be able to: <ul style="list-style-type: none"> • Use Loops in a python program • Evaluate the difference between if, if-else, if-elif-else 	<ul style="list-style-type: none"> • Notebook • Practical • Article writing 	Approach: Explanation, Demonstration, Interactive Activity: Making of a program	Sample of program	Life skills: <ul style="list-style-type: none"> • Critical and Analytical thinking Subject: English	Write an article on iterative statements.
Topic: Chapter-9 String Manipulation Sub-topics: <ul style="list-style-type: none"> • String Operators • String Functions and Methods • Membership operators Periods: 15 Month: August	Students will be able to: <ul style="list-style-type: none"> • Create programs using strings • Identify and analyse the best string functions for various problems 	<ul style="list-style-type: none"> • Notebook • Practical 	Approach: Explanation, Demonstration, Interactive, Experiential Activity: Problem Solving	Sample of program	Life skills: <ul style="list-style-type: none"> • Problem solving skills Subject: Art	Arrange vegetable cuttings to show concatenation of strings

<p>Topic: Chapter-10 List Manipulation Sub-topics:</p> <ul style="list-style-type: none"> List Operators List Functions and Methods <p>Periods: 12 Month: October</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Create programs using lists Identify and analyse the best list functions for various problems 	<ul style="list-style-type: none"> Notebook Practical Checklist 	<p>Approach: Explanation, Demonstration, Interactive, Experiential</p> <p>Activity: Making checklist</p>	Sample of checklist	<p>Life skills:</p> <ul style="list-style-type: none"> Problem solving skills <p>Subject: English</p>	Write a note on the differences between a string and a list
<p>Topic: Chapter-11 Tuples Sub-topics:</p> <ul style="list-style-type: none"> Creating and accessing tuples Tuple Operations Tuple Functions and Methods <p>Periods: 10 Month: October</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Create programs using tuples Identify and analyse the best tuple functions for various problems 	<ul style="list-style-type: none"> Notebook Practical Checklist 	<p>Approach: Explanation, Demonstration, Experiential</p> <p>Activity: Making checklist</p>	Sample of checklist	<p>Life skills:</p> <ul style="list-style-type: none"> Problem solving skills <p>Subject: English</p>	Create a Collage on tuple functions
<p>Topic: Chapter-12 Dictionaries Sub-topics:</p> <ul style="list-style-type: none"> Creating and accessing dictionaries Traversing a dictionary Dictionary Functions and Methods 	<p>Students will be able to:</p> <ul style="list-style-type: none"> Create programs using tuples Identify and analyse the best tuple functions for various problems 	<ul style="list-style-type: none"> Notebook Practical Checklist 	<p>Approach: Explanation, Demonstration, Experiential</p> <p>Activity: Making checklist</p>	Sample of checklist	<p>Life skills:</p> <ul style="list-style-type: none"> Problem solving skills Critical and Analytical thinking <p>Subject: English, Art</p>	Perform a Role Play on Mutability

Periods: 15 Month: November						
Topic: Chapter-14 Cyber Safety Sub-topics: <ul style="list-style-type: none"> Private Browsing, anonymous Browsing Cyber Crime Digital Footprints 	Students will be able to: <ul style="list-style-type: none"> Evaluate the types of cyber-crimes and the ways to prevent it Make presentation on private and anonymous browsing 	<ul style="list-style-type: none"> Notebook Rubric for project 	Approach: Explanation, Demonstration, Experiential Activity: Designing a rubric	Rubric for project	Life skills: <ul style="list-style-type: none"> Problem solving skills Critical and Analytical thinking Subject: English, Art	Perform a Role Play on Mutability
Periods: 10 Month: December						
Topic: Chapter-15 Online Access and Computer Security Sub-topics: <ul style="list-style-type: none"> Threats to Computer Security Solutions to Computer Security Threats 	Students will be able to: <ul style="list-style-type: none"> Evaluate the types of threats to computer security Make presentation on solutions to computer security threats 	<ul style="list-style-type: none"> Notebook Article Writing 	Approach: Explanation, Demonstration, Experiential Activity: Designing a rubric	Rubric for project	Life skills: <ul style="list-style-type: none"> Observation Skills Logical thinking skill Analytical Skills Communication skill Subject: English	Write an article on threats to computer security and ways to overcome it
Periods: 10 Month: December						
Topic: Chapter-16 Society, Law and Ethics Sub-topics: <ul style="list-style-type: none"> Open Source and free software Creative 	Students will be able to: <ul style="list-style-type: none"> Evaluate the difference between open source and free software They will be able to 	<ul style="list-style-type: none"> Notebook Article Writing 	Approach: Explanation, Demonstration, Experiential Activity: Peer Assessment	Peer Assessment sheet	Life skills: <ul style="list-style-type: none"> Problem solving skills Critical and Analytical thinking 	Make a chart on ways to reduce E-Waste

Commons Licence • Ways to manage Electronic waste Periods: 10 Month: January	analyse and use the ways to reduce E- waste					
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: Mathematics

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Chapter 1 Sets/sets, subsets, Venn diagram ,operations on sets Month-June Periods-10	Develop the idea of set from the earliest learnt concepts in number system ,geometry	Mind map and work sheet	Reflective inquiry based learning /concept map and problem solving	Mind map and work sheet	English ,Drawing	
Chapter2 Relation and function/Cartesian product /relations /functions Month-June & July Periods-10	Identifies relation between different sets	Oral test ,assignment	Collaborative method/experiential learning /concept map	Oral test ,assignment		Role play to learn relation, range ,domain and co-domain
Chapter 3 Trigonometry/Angles/Trigonometric functions /sum and difference of two angles Month-July Periods-20	Relates earlier learnt concept of trigonometric ratio to functions and evolves the idea of trigonometric functions	Class test ,work sheet	Reflective inquiry /presentation	Class test ,work sheet		
Chapter 4 Complex number and quadratic equation/complex numbers, algebra of complex number/argand plane Month-July Periods-15	Students will be able to know different types of numbers ,complex numbers and	Note book ,reflection sheet	Reflective inquiry based learning /concept map and problem solving	Note book and reflection sheet		

	learn algebraic operations on complex numbers.					
Chapter 5 Linear inequalities/inequalities /algebraic solution of inequalities Month-July & August Periods-12	Demonstrates strategies for solving systems of linear inequalities	Mind map and work sheet	Collaborative method/experiential learning /concept map	Mind map and work sheet		
Chapter 6 Permutation and combination/Fundamental principles/permutation/combination Month-August Periods-20	Applies the ideas of permutations and combinations to daily life situations by arranging and groping the objects	Oral test ,assignment	Reflective inquiry /presentation	Oral test ,assignment		Playing games by solving riddles like bombing the city etc.
Chapter 7 Binomial theorem Month-August Periods-10	Develops the idea of the binomial theorem for a positive integral index from the earlier learnt concepts of finding squares and cubes of binomials	Class test and work sheet	Reflective inquiry based learning /concept map and problem solving	Class test ,work sheet		
Chapter 8 Sequence and series/sequence/series ,GP Month-September Periods-15	Extends the ideas related to arithmetic progressions learnt earlier to new types of sequences and their series.	Note book and reflection sheet	Collaborative method/experiential learning /concept map	Note book and reflection sheet		
Chapter 9 Staright lines/slope /various forms of	Constructs different forms	Class test and work sheet	Reflective inquiry /presentation	Class test ,work sheet		

equation/distance of a point from a line Month-October Periods-15	of a straight line using the earlier learnt concept of coordinate geometry.					
Chapter 10 Conic sections/circle/parabola/ellipse/hyperbola Month-October Periods-20	Analyses different curves like circles ,ellipses ,parabolas and hyperbolas based on the ideas developed for straight lines using coordinate	Peer assessment sheet	Reflective inquiry based learning /concept map and problem solving	Peer assessment sheet		
Chapter 11 Introduction of 3D/coordinate of a point /distance formula Month-November Periods-12	Develops strategies of locating a point in three dimensions based on the concept of two dimensional coordinate geometry	Concept map and work sheet	Collaborative method/experiential learning /concept map	Mind map and work sheet		Shooting arrows on different targets to understand 3D geometry
Chapter 12 Limits and derivatives/limits /derivatives Month-November Periods-20	Evolves the concepts of limit and derivatives of a function by analyzing the behaviour of functions when the corresponding variable approaches a certain value	Note book and reflection sheet	Reflective inquiry /presentation	Note book and reflection sheet		

Chapter 13 Statistics/measures of dispersion/mean deviation /Std deviation Month-Dec Periods-12	Applies measures of dispersion to get a better interpretation of data of different daily life situations	Class test and note book	Reflective inquiry based learning /concept map and problem solving	Class test ,work sheet		
Chapter 14 Probability/event /axiomatic approach Month-January Periods-15	Builds up the axiomatic approach to probability through the terms ,random experiment ,sample space ,events	Class test and work sheet	Collaborative method/experiential learning /concept map	Class test ,work sheet		Using cards and die to explain the concept of probability

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: Applied Mathematics

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
<p>TOPIC : 1. Numbers</p> <p>SUB TOPIC :</p> <ul style="list-style-type: none"> Binary numbers Decimal no. system Binary no. system Counting using binary system Binary arithmetic <p>PERIODS : 8 MONTH : June</p>	<p>Define various number system</p> <p>Identifying BN.DN.</p> <p>Convert BN to DN and DN to BN</p> <p>Solve concept based questions</p> <p>Create HOTS questions</p>	<p>Peer assessment MCQs</p> <p>Concept based questions</p> <p>Checklist</p> <p>Notebook</p>	<p>Demonstration explanatory</p> <p>Inductive and deductive</p>	<p>Sample of assessment sheets</p> <p>Sample of checklist</p>	<p>Critical thinking</p> <p>Communication skill</p> <p>Verification and calculation with the help of calculator</p>	<p>Binary game</p> <p>ASCII art</p>
<p>TOPIC : 2. indices and logarithms</p> <p>SUB TOPIC :</p> <ul style="list-style-type: none"> Surds Laws of exponents for real numbers Logarithms Three standard laws of logarithms Logarithmic 	<p>Students will be able to</p> <p>Relate indices and logarithm</p> <p>Find logarithm and anti-logarithms of given number</p> <p>List the laws and properties of logarithm</p>	<p>Peer assessment MCQs</p> <p>Concept based questions</p> <p>Checklist</p> <p>Notebook</p>	<p>Demonstration explanatory</p> <p>Inductive and deductive</p>	<p>Sample of assessment sheets</p> <p>Sample of checklist</p>	<p>Critical thinking</p> <p>Communication skill</p>	<p>Visual representation</p> <p>Multiply and divide large numbers with the help of easy method</p>

table NO. OF PERIODS : 12 MONTH : June + July	Use logarithm in different applications					
TOPIC : 3. quantitative aptitude SUB TOPIC : <ul style="list-style-type: none"> • Average • Clock • Calendar • Time work and distance NO. OF PERIODS : 9 MONTH : July	Students will be able to Determine average for a given data Evaluate the angular value of a minute Calculate the angle formed between two hands of clock at given time Calculate the time for which hands of clock meet Determine odd days in a month / year / century	Peer assessment MCQs Checklist Notebook Reflection sheet	Making checklist Problem solving Making portfolio	Peer assessment sheet videos	Verification of real age Verification of speed of train	Visual 3D Games
TOPIC : 4. menstruation NO. OF PERIODS : 8 MONTH : July	Students will be able to solve problems based on surface area and volume of 2D and 3D shapes	Checklist Notebook Reflection sheet	Audio – linguistic Experiential Using information media	Sample of checklist Sample of reflection sheet	Area of land , volume of pond , capacity of tank	Calculate area of rangoli drawn with number of circles
TOPIC : 5. Sets and relation	Students will be able to	Notebook	Demonstration	Videos	Problem solving skills	Visual

<p>SUB TOPIC :</p> <ul style="list-style-type: none"> Interval Venn diagram Operations on sets <p>NO. OF PERIODS : 8</p> <p>MONTH : July</p>	<p>Express subset of real numbers as intervals</p> <p>Solve problems using Venn diagram</p>	<p>Concept map project</p>	<p>Using information media</p> <p>Making checklist</p> <p>Problem solving</p>	<p>Sample of concept map</p>	<p>Communication skills</p>	<p>3D</p>
<p>TOPIC : 6. Sequences and series</p> <p>SUB TOPIC :</p> <ul style="list-style-type: none"> Arithmetic progression Geometric progression Applications of AP , GP <p>NO. OF PERIODS : 9</p> <p>MONTH : AUGUST</p>	<p>Identifying AP</p> <p>Find arithmetic mean</p> <p>Identify GP</p> <p>Find geometric mean</p>	<p>Checklist</p> <p>Notebook</p> <p>Reflection sheet</p>	<p>Making checklist</p> <p>Problem solving</p> <p>Making portfolio</p>	<p>Sample of checklist</p> <p>Sample of reflection sheet</p>	<p>Problem solving skills</p> <p>Decision making skills</p>	<p>Rare games like kabbadi</p> <p>Visual representation</p>
<p>TOPIC : 7. Permutation and combination</p> <p>SUB TOPIC :</p> <ul style="list-style-type: none"> Factorial Fundamental principle of counting <p>NO. OF PERIODS : 8</p> <p>MONTH : AUGUST</p>	<p>Define factorial of a number</p> <p>Appreciate how to count without counting</p>	<p>Peer assessment MCQs</p> <p>Concept based questions</p> <p>Checklist</p> <p>Notebook</p>	<p>Demonstration</p> <p>Using information media</p> <p>Making concept map</p> <p>Problem solving</p>	<p>Sample of assessment sheets</p> <p>Sample of checklist</p> <p>Sample of concept based questions</p>	<p>Problem solving skills</p> <p>Communication skills</p>	<p>Rare games like making passwords guessing spellings</p> <p>Visual representation</p>
<p>TOPIC : 8 logical reasoning</p> <ul style="list-style-type: none"> <p>NO. OF PERIODS : 8</p> <p>MONTH : AUGUST</p>	<p>Solve logical problems involving odd man out, syllogism, blood relation</p>	<p>Notebook</p> <p>Concept map project</p>	<p>Demonstration</p> <p>Using information media</p> <p>Making checklist</p> <p>Problem solving</p>	<p>Videos</p> <p>Sample of concept map</p>	<p>Problem solving skills</p> <p>Communication skills</p>	<p>Visual</p> <p>3D</p>

<p>TOPIC : 9. Function</p> <p>NO. OF PERIODS : 9</p> <p>MONTH : September</p>	<p>Identifying dependent and independent variables</p> <p>Define a function using dependent and independent variables</p>	<p>Peer assessment MCQs</p> <p>Concept based questions</p> <p>Checklist</p> <p>Notebook</p>	<p>Audio – linguistic</p> <p>Experiential</p> <p>Using information media</p>	<p>Sample of assessment sheets</p> <p>Sample of checklist</p> <p>Sample of concept based questions</p>	<p>Problem solving skills</p> <p>Communication skills</p>	<p>Visual</p> <p>3D</p>
<p>TOPIC: 10. Limit and continuity</p> <p>NO. OF PERIODS : 8</p> <p>MONTH : September</p>	<p>Define limit of a function</p> <p>Define continuity of a function</p>	<p>Notebook</p> <p>Concept map</p> <p>project</p>	<p>Demonstration</p> <p>Using information media</p> <p>Making concept map</p> <p>Problem</p>	<p>Videos</p> <p>Sample of concept map</p>	<p>Critical thinking</p> <p>Communication</p>	<p>Visual</p> <p>3D</p> <p>Games</p>
<p>TOPIC: 11. Differentiation</p> <p>NO. OF PERIODS : 9</p> <p>MONTH :October</p>	<p>Find the derivative of the function</p>	<p>Jingle</p> <p>checklist</p>	<p>Audio – linguistic</p> <p>Experiential</p> <p>Using information media</p>	<p>Sample of checklist</p> <p>Jingles for formula learning</p>	<p>Problem solving skills</p> <p>Communication skills</p>	<p>Visual</p> <p>3D</p>
<p>TOPIC: 12. Probability</p> <p>SUB TOPIC :</p> <ul style="list-style-type: none"> Random experiment and sample space Event Condition probability <p>NO. OF PERIODS : 8</p> <p>MONTH : October</p>	<p>Define it with suitable examples</p> <p>Define an event</p> <p>Define the concept of conditional probability</p>	<p>Checklist</p> <p>Notebook</p> <p>Reflection sheet</p>	<p>Making checklist</p> <p>Problem solving</p> <p>Making portfolio</p>	<p>Sample of checklist</p> <p>Sample of reflection sheet</p>	<p>Problem solving skills</p> <p>Decision making skills</p>	<p>Rare games like tossing coins, playing cards and spinning the dice</p> <p>Visual representation</p>
<p>TOPIC: 13. Descriptive</p>	<p>Understand</p>	<p>Peer assessment</p>	<p>Audio – linguistic</p>	<p>Sample of</p>	<p>Problem solving skills</p>	<p>Visual</p>

<p>statistics</p> <p>SUB TOPIC :</p> <ul style="list-style-type: none"> Measure of dispersion Skewness and kurtosis <p>NO. OF PERIODS : 8</p> <p>MONTH : October</p>	<p>meaning of dispersion in a data set</p> <p>Define skewness and kurtosis using graphical representation of a data set</p>	<p>MCQs</p> <p>Concept based questions</p> <p>Checklist</p> <p>Notebook</p>	<p>Experiential</p> <p>Using information media</p>	<p>assessment sheets</p> <p>Sample of checklist</p> <p>Sample of concept based question</p>	<p>Communication skills</p>	<p>3D</p>
<p>TOPIC: 14. Compound interest and annuity</p> <p>NO. OF PERIODS : 9</p> <p>MONTH : November</p>	<p>Explain the meaning and concept of equivalency</p>	<p>Concept map</p> <p>Reflection sheet</p>	<p>Reflective inquiry</p> <p>Presenting</p> <p>Making concept map</p> <p>Making reflection sheet</p>	<p>Sample of concept map</p> <p>Sample of reflection sheet</p>	<p>Critical thinking</p> <p>Communication skills</p>	<p>Real life examples , group discussion on ongoing topics related to bank rates</p>
<p>TOPIC: 15. Taxation</p> <p>SUB TOPIC :</p> <ul style="list-style-type: none"> Tax Calculation of tax Calculation in goods and service tax, income tax. <p>NO. OF PERIODS : 8</p> <p>MONTH : October</p>	<p>Explain fundamentals of taxation</p> <p>Differentiate between direct and indirect tax</p> <p>Define and explain GST</p> <p>Calculate GST</p>	<p>Peer assessment</p> <p>MCQs</p> <p>Concept based questions</p> <p>Checklist</p> <p>Notebook</p>	<p>Audio – linguistic</p> <p>Experiential</p> <p>Using information media</p>	<p>Sample of checklist</p> <p>Jingles for formula learning</p>	<p>Problem solving skills</p> <p>Communication skills</p>	<p>Real life examples , group discussion on ongoing topics related to bank rates</p>
<p>TOPIC: 16. UTILITY BILLS</p> <p>SUB TOPIC :</p> <ul style="list-style-type: none"> Bills Tariff rates Fixed charge Surcharge Service charge. 	<p>Describe the meaning of bills</p> <p>Explain the concept of fixed charge</p>	<p>Peer assessment</p> <p>MCQs</p> <p>Concept based questions</p> <p>Checklist</p> <p>Notebook</p>	<p>Audio – linguistic</p> <p>Experiential</p> <p>Using information media</p>	<p>Sample of assessment sheets</p> <p>Sample of checklist</p> <p>Sample of concept based</p>	<p>Problem solving skills</p> <p>Communication skills</p>	<p>Real life examples , group discussion on ongoing topics related to bank rates</p>

NO. OF PERIODS : 9				question		
MONTH :December						
TOPIC: 17. Straight lines . NO. OF PERIODS : 8 MONTH : January	Find the slope and equation of line in various form Find angle between the two lines Find the distance between two parallel lines	Peer assessment MCQs Concept based questions Checklist Notebook	Audio – linguistic Experiential Using information media	Sample of assessment sheets Sample of checklist Sample of concept based question	Problem solving skills Communication skills	Visual 3D
TOPIC: 18. Circles and parabola SUB TOPIC : • Circles • parabola NO. OF PERIODS : 9 MONTH :January	Define a circle Find different form of equations Define parabola and related terms Derive the equation of parabola	Concept map Reflection sheet	Reflective inquiry Presenting Making concept map Making reflection sheet	Sample of concept map Sample of reflection sheet	Critical thinking Communication skills	Visual 3D

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: Business Studies

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
<p>Topic :Unit-1 Evolution and fundamentals of Business</p> <p>Sub-topics : 1.History of Trade and Commerce in India 2.Business,Profession and Employment 3.Industry and Commerce(meaning and types) 4. Business Risk</p> <p>No. of Periods:18</p> <p>Month: June</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Acquaint the history of trade and Commerce in India. recognize types of human activities classify business activities examine the role of commerce judge the nature of commerce and business risk 	<ul style="list-style-type: none"> Concept Map Peer Assessment 	<p>Approach:</p> <ul style="list-style-type: none"> Explanatory Method Inductive method Interactive Method <p>Activities and Strategies:</p> <ul style="list-style-type: none"> Making of concept Map Short note making Making of peer Assessment Sheet Note Making case study on a video show 	<ul style="list-style-type: none"> Sample of Concept Map Sample of Peer Assessment Sheet 	<p>Skills:</p> <ul style="list-style-type: none"> collaboration communication critical thinking <p>Subjects Involved:</p> <ul style="list-style-type: none"> History Geography Economics 	<p>Collage of main business activities of Bihar</p>
<p>Topic: Unit-2 Forms of Business Organizations</p> <p>Sub-Topics:</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> identify and explain the concept, 	<p>Project</p> <ul style="list-style-type: none"> Oral/Viva 	<p>Approach:</p> <ul style="list-style-type: none"> Explanatory Method Deductive 	<ul style="list-style-type: none"> Rubric for Collaboration Project 	<p>Skills:</p> <ul style="list-style-type: none"> communication collaboration 	<p>PPT (including Bihar State main forms of business organizations)</p>

1. Sole Proprietorship 2. Partnership 3. Hindu Undivided Family Business 3. Cooperative Societies 4. Company and its Formation 5. Choice of form of business organization Periods :24 When : July	merits and demerits of forms of business organization <ul style="list-style-type: none"> describe the need for registration of a partnership firm classify types of partnership, partners, cooperative - societies 	<ul style="list-style-type: none"> Note Book 	method <ul style="list-style-type: none"> Interactive Method Question Answer Method Activities and Strategies: <ul style="list-style-type: none"> Creating a presentation of Info graphic comparing two or more forms of business organizations Group discussion Note Making case studies analysis Think-Pair-Share 	<ul style="list-style-type: none"> Sample of oral Question Paper Rubric for Note Book 	<ul style="list-style-type: none"> critical thinking information literacy self-directed Subjects Involved: <ul style="list-style-type: none"> Accountancy History Economics 	
Unit -3 Topic :Public, Private and Global Enterprises Sub-Topics: 1. concept of Public sector and Private Sector Enterprises 2. Forms of public sector enterprises 3. Departmental undertakings, Statutory 4. Corporations and Government Company 5. Global	Students will be able to: <ul style="list-style-type: none"> develop an understanding of public sector and private sector enterprises identify and explain the features, merits and demerits of different forms of public sector enterprises 	<ul style="list-style-type: none"> Peer Assessment Sheet Note Book 	Approach: <ul style="list-style-type: none"> Explanatory Method Inductive method Interactive Method Question Answer Method Activities and Strategies: <ul style="list-style-type: none"> Making of questions solving case studies Note Making Group discussion 	<ul style="list-style-type: none"> Sample of Peer Assessment Sheet Rubric for Note Book 	Skills: <ul style="list-style-type: none"> communication collaboration critical thinking information literacy self-directed problem solving Subjects Involved: <ul style="list-style-type: none"> History Economics 	Role Play

<p>Enterprises</p> <p>6. Joint Venture</p> <p>7. PPP(Public, Private Partnership)</p> <p>No of Periods: 18</p> <p>Month: July</p>	<ul style="list-style-type: none"> • know global enterprises by studying their meaning and features 		<ul style="list-style-type: none"> • Question & Answer sessions • Making of peer Assessment Sheet 			
<p>Topic : Unit-4</p> <p>Sub- Topics:</p> <ol style="list-style-type: none"> 1. Banking 2. Banking Services 3. E-Banking 4. Insurance 5. Postal Service <p>No of Periods: 18</p> <p>Month: August</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • explain the meaning and types of business services • discuss the meaning and types of bank and banking • develop an understanding of different services provided by banks • examine the concept of Insurance with its principles and types • judge the utility of different telecom services 	Presentation	<p>Approach:</p> <ul style="list-style-type: none"> • Explanatory Method • Inductive method • Interactive Method • Reflection Method • Question Answer Method <p>Activities and Strategies:</p> <ul style="list-style-type: none"> • Solving case studies • Note Making • Group discussion • Question & Answer sessions • Journal Reflection • Making of presentation 	Rubric for presentation	<ul style="list-style-type: none"> • Skills: • presentation • metacognition • communication • collaboration • critical thinking • information literacy • problem solving <p>Subjects Involved:</p> <ul style="list-style-type: none"> • Information Technology • Economics • Accountancy 	PPT

<p>Topic : Unit-5 Emerging Modes of Business</p> <p>Sub-topics: E-business: 1. Concept 2. Scope 3. Benefits No of periods: 10 Month : August</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • give the meaning of e-business • discuss the scope of e-business • appreciate the benefits of e-business • distinguish between e-business from traditional business 	Presentation	<p>Approach:</p> <ul style="list-style-type: none"> • Explanatory Method • Inductive method • Interactive Method • Heuristic Method • Question Answer Method <p>Activities and Strategies:</p> <ul style="list-style-type: none"> • Solving case studies • Note Making • Group discussion using Information media • Question & Answer sessions • Making of presentation • Brainstorming Session. 	Rubric for presentation	<p>Skills:</p> <ul style="list-style-type: none"> • presentation • metacognition • communication • collaboration • critical thinking • information literacy • problem solving <p>Subjects Involved:</p> <ul style="list-style-type: none"> • Information Technology • Economics • Accountancy 	Designing advertisement
<p>Topic : Unit -6 Social responsibility of Business and Business Ethics</p> <p>Sub –topics: 1. Concept of social responsibility 2. Case of social responsibility 3. Responsibility towards different interest groups 4. Role of business</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • state the concept of social responsibility • examine the case for social responsibility • identify the social responsibility 	Reflection Sheet	<p>Approach:</p> <ul style="list-style-type: none"> • Explanatory Method • deductive method • Interactive Method • Reflective Inquiry Based Method • Question Answer Method <p>Activities and Strategies:</p>	Sample of Reflection Sheet	<p>Skills:</p> <ul style="list-style-type: none"> • metacognition • communication • collaboration • critical thinking • problem solving <p>Subjects Involved:</p> <ul style="list-style-type: none"> • Economics • Social Science 	Debate

<p>in environmental protection</p> <p>5. Business Ethics</p> <p>No of Periods: 12 Month: September</p>	<p>y towards different interest groups</p> <ul style="list-style-type: none"> • appreciate the role of business in environment protection • state the concept of Business ethics • describe the elements of Business ethics 		<ul style="list-style-type: none"> • Note Making • Group discussion • Personal values Assessment • case study Reflection Journals • Question & Answer sessions • Designing advertisement using multiple mediums 			
<p>Topic : Unit- 7 Sources of Business Finance Sub-topics:</p> <ol style="list-style-type: none"> 1. Concept of Business finance 2. Owners' funds-equity shares, preference shares, retained earnings 3. Borrowed funds: debentures and bonds, loan from financial institutions and commercial banks, public deposits, trade credit, inter corporate deposits(ICD) 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • State the meaning nature and importance of Business finance. • Classify the various sources of funds into owners' funds. • state the meaning of owners' funds. • state the meaning of borrowed funds. • discuss the 	Write Article	<p>Approach:</p> <ul style="list-style-type: none"> • Explanatory Method • Deductive method • Interactive Method • Question Answer Method • Experiential Learning Method <p>Activities and Strategies:</p> <ul style="list-style-type: none"> • Solving case studies • Note Making • Group discussion using Information media • Question 	Sample of Article	<p>Skills:</p> <ul style="list-style-type: none"> • metacognition • communication • collaboration • critical thinking • problem solving • creativity • computational skills <p>Subjects Involved:</p> <ul style="list-style-type: none"> • Economics • Accountancy 	Debate

No of Periods: 30 Month: October	concept of debentures, bonds, loans from financial institutions and commercial banks, Trade credit and inter corporate deposits <ul style="list-style-type: none"> distinguish between owners' funds and borrowed funds 		&Answer sessions <ul style="list-style-type: none"> Article Writing Brainstorming Session. Researching 			
Topic : Unit-8 Small Business and Enterprises Sub-topic: 1. Entrepreneurship development concept characteristics and need 2. Process of entrepreneurship development 3. Small scale enterprise as defined by MSMED ACT, 2006 4. Role of small business in India with special reference to rural	Students will be able to: <ul style="list-style-type: none"> explain the concept of entrepreneurship development , intellectual property rights, judge the meaning of small business. discuss the role of a small business in India appreciate the various government schemes and 	Flow chart	Approach: <ul style="list-style-type: none"> Explanatory Method Deductive method Interactive Method Question Answer Method Reflective Inquiry Method Enquiry / Inquiry Method Activities and Strategies: <ul style="list-style-type: none"> Solving case studies Note Making Group discussion Making of Flow 	Rubric for flow chart	Skills: <ul style="list-style-type: none"> decision making communication collaboration critical thinking problem solving creativity Subjects Involved: <ul style="list-style-type: none"> Economics Accountancy Civics 	Model

<p>areas</p> <p>5. Government schemes and agencies for small scale industries NSIC and DIC with special reference to rural backward areas</p> <p>No of Periods: 16 Month: November</p>	<p>agencies for development of small scale industries.</p> <ul style="list-style-type: none"> • NSIC and DIC with special reference to rural backward area 		Charts			
<p>Topic: Unit-9 Internal Trade Sub-topics :</p> <ol style="list-style-type: none"> 1. Internal trade-meaning and types 2. Services rendered by a wholesaler and retailer 3. Types of retail trade- Itinerant and small scale fixed shops retailers 4. Large scale retailers- Departmental Stores ,Chain Stores 5. GST <p>No of Periods: 30 Month: November</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • State the meaning and types of internal trade • Appreciate the services of wholesalers and retailers • explain the different types of retail trade • highlight the distinctive features of departmental stores, chain stores and male ordered business • Explain the concept of 	Concept Map	<p>Approach:</p> <ul style="list-style-type: none"> • Explanatory Method • Deductive method • Interactive Method • Question Answer Method • Enquiry / Inquiry Method • Activities and Strategies: • Audio/Video linguistic <p>Activities and Strategies:</p> <ul style="list-style-type: none"> • Solving case studies • Note Making • Group discussion • Making of concept map • Question Answer session 	Sample of Concept Map	<p>Skills :</p> <ul style="list-style-type: none"> • Creativity • Problem solving • Decision making • Computational skill <p>Subjects Involved:</p> <ul style="list-style-type: none"> • Geography • Economics • Information Technology 	Role play

	GST					
<p>Topic: Unit-10 International Trade Sub-topic:</p> <ol style="list-style-type: none"> 1. International trade 2. export trade 3. import Trade 4. documents involved in international trade indent, letter of credit, shipping order, shipping bills mate's receipts (DA/DP) 5. World Trade organization(WTO) <p>No of Periods: 14 Month: December</p>	<ul style="list-style-type: none"> • recognize the concept of international trade. • describe the scope of international trade to the nation and business firms. • state the meaning and objectives of import trade and export trade. • explain the important Stapes involved in executing export trade and import trade. • state the meaning and objective of import trade and export Trade. • discuss the important steps involved in import trade 	<p>Presentation (use of Pineapple waste and Lotus Stem)</p>	<p>Approach:</p> <ul style="list-style-type: none"> • Explanatory Method • Deductive method • Interactive Method • Question Answer Method • Enquiry / Inquiry Method • Heuristic Method <p>Activities and Strategies:</p> <ul style="list-style-type: none"> • Solving case studies • Note Making • Group discussion • Making of presentation • Question Answer session • Video/Audio Linguistic 	<p>Rubric for presentation</p>	<p>Skills:</p> <ul style="list-style-type: none"> .presentation .metacognition . communication <ul style="list-style-type: none"> • Creative thinking • Technology • Information, media and technology <p>Subjects Involved:</p> <ul style="list-style-type: none"> • Geography • Economics • Information Technology 	<p>Role play</p>

	<p>and export trade.</p> <ul style="list-style-type: none">• develop an understanding of various documents used in international trade.• identify the specimen of the various documents used in international trade.• highlight the importance of the documents needed in connection with international transactions.• state the meaning of World Trade organization ,• discuss the objectives of World Trade organization in promoting international trade					
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: Physical Education

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
<p>Topic : Changing Trends and Careers in Physical Education Sub-Topics 1. Concept, Aims & Objectives of Physical Education 2. Development of Physical Education in India – Post Independence 3. Changing Trends in Sports- playing surface, wearable gear and sports equipment, technological advancements 4. Career options in Physical Education 5. Khelo-India Program and Fit – India Program No. of Periods: 15</p>	<p>The students will be able to:- • Recognize the concept, aim, and objectives of Physical Education. • Identify the Post- Independence development in Physical Education. • Categorize Changing Trends in Sports- playing surface, wearable gear, sports equipment, technological</p>	<p>Notebook & Flow chat</p>	<p>APPROACH • Technology-based learning, • Group learning, • Expeditionary learning ACTIVITY Games and group discussion</p>	<p>Rubric for Project</p>	<p>SKILL Communication Subject Phycology And English</p>	<p>Using old clothe and sewing kit, prepare protective gear like knee pads, elbow pads, etc.</p>

Month: July						
<p>Topic : Olympism Value Education</p> <p>1. Olympism – Concept And Olympics Values (Excellence, Friendship & Respect)</p> <p>2. Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind</p> <p>3. Ancient and Modern Olympics</p> <p>4.Olympics-Symbols, Motto, Flag, Oath, and Anthem</p> <p>5.Olympic Movement Structure-IOC, NOC, IFS, Other members</p> <p>No. of Periods: 10</p> <p>Month: July</p>	<p>The students will be able to:</p> <p>Analyses & Differentiate the concept of games</p> <ul style="list-style-type: none"> • Incorporate values of Olympism in your life. • Differentiate between Modern and Ancient Olympic Games, Paralympics, and Special Olympic games • Identity the Olympic Symbol and Ideals • Describe the structure of the Olympic movement structure 	Reflection sheet & Notebook	<p>APPROACH</p> <ul style="list-style-type: none"> • Explanation-based instruction, • Group learning, • Individual learning, • Game-based learning <p>ACTIVITY</p> <p>Power point presentation</p>	Rubric for flow chart	<p>Skills; Communication</p> <p>Subject involved History</p>	Sports Meditation
<p>Topic : Yoga</p> <p>1. Meaning and importance of Yoga</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Recognize the concept of yoga and be 	Peer Assessment sheet	<p>APPROACH</p> <ul style="list-style-type: none"> • Technology-based learning, • Group learning, • Individual learning, 	Rubric for project Peer Assessment sheet	<p>SKILLS Practical Communication</p> <p>Subjects involved</p>	Visual form Image and video

2. Introduction to Astanga Yoga 3. Yogic Kriyas (Shat Karma) 4. Pranayama and its Types. 5. Active Lifestyle and stress management through Yoga No. of Periods: 14 Month: August	aware of the importance; of it • Identify the elements of yoga • Identify the Asanas, Pranayama's, meditation, and yogic kriyas • Classify various yogic activities for the enhancement of concentration • Know about relaxation techniques for improving concentration		• Inquiry-based learning, • Kinesthetic learning, ACTIVITY Designing rubric peer assessing		Biology	
Topic : Physical Education and Sports for Children with Special Needs 1. Concept of Disability and Disorder 2. Types of Disability, its causes & nature (Intellectual disability, Physical disability). 3. Disability Etiquette 4. Aim and objectives of Physical Education Syllabus 2023-24 Adaptive Physical	The students will be able to: • Identify the concept of Disability and Disorder. • Outline types of disability and describe their causes and nature. • Adhere to and respect children with special needs By following etiquettes. • Identify possibilities and scope in	Checklist and Article writing	APPROACH • Technology-based learning, • Inquiry-based learning, • Expeditionary learning. ACTIVITY Making check list Problem solving	Checklist Copy checking Disability fitness	SKILLS Social Practical Subjects involved Biology	Traditionl game of Bihar cricket, hockey, football, volleyball

Education. 5. Role of various professionals for children with special needs (Counselor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist, and Special Educator) No. of Periods: 13 Month: September	adaptive physical education • Relate various types of professional support for children with special needs					
Topic : Physical Fitness, Wellness, and Lifestyle 1. Meaning & Importance of Wellness, Health, and Physical Fitness. 2. Components/ Dimensions of Wellness, Health, and Physical Fitness 3. Traditional Sports & Regional Games for Promoting wellness 4. Leadership through Physical Activity and Sports 5. Introduction to First Aid – PRICE No. of Periods: 10 Month: September	After completing the unit, the students will be able to: • Explain wellness and its importance and define the Components of wellness. • Classify physical fitness and Recognize its importance in life. • Distinguish between skill related and health-related components of physical fitness. • Illustrate traditional sports and regional games to	Reflection sheet	APPROACH • Technology-based learning, • Group learning • Inquiry-based learning, • Game-based learning ACTIVITY using information media giving notes explaining flow chats	Rubric for project	SKILLS Coordination Subject involved Biology	Design a poster for your online aerobics class and put it up in your colony.

	Promote wellness. • Relate leadership through physical activity and sports • Illustrate the different steps Used in first aid - PRICE.					
Topic : Test, Measurement & Evaluation 1. Define Test, Measurements and Evaluation. 2. Importance of Test, Measurements and Evaluation in Sports. 3. Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site) 4. Somato Types (Endomorphy, Mesomorphy & Ectomorphy) 5. Measurements of health-related fitness No. of Periods: 15 Month: October	The students will be able to: • Define the terms test, measurement, and evaluation, • Differentiate norm and criterion referenced standards, • Differentiate formative and summative evaluation, • Discuss the importance of measurement and evaluation processes, • Understand BMI: A popular clinical standard and its computation • Differentiate between Endomorphy, Mesomorphy & Ectomorphy	Notebook	APPROACH • Group learning, • Individual learning, • Inquiry-based learning, • Kinesthetic learning, • Game-based learning ACTIVITY Peer Assessing Article Writing	Rubric for project Peer Assessment	SKILLS Sports Analytical Subject Involved Mathematic Biology	3D vision

	describe the procedure of Anthropometric					
<p>Topic : Fundamentals of Anatomy, Physiology in Sports</p> <p>Sub-topics : 1. Definition and importance of Anatomy and Physiology in Exercise and Sports. 2. Functions of Skeletal System, Classification Of Bones, and Types of Joints. 3. Properties and Functions of Muscles. 4. Structure and Functions of Circulatory System And Heart. 5. Structure and Functions of Respiratory System.</p> <p>No. of Periods: 15 Month: November</p>	<p>After completing the unit, the students will be able to:</p> <ul style="list-style-type: none"> • Identify the importance of Anatomy and physiology. • Recognize the functions of the skeleton. • Understand the functions of bones and identify various types of joints. • Figure out the properties and functions of muscles and Understand how they work. • Understand the anatomy of the respiratory system and describe it's working. • Identify and analyses the layout and functions of Circulatory System. 	<p>Concept Map</p>	<p>APPROACH</p> <ul style="list-style-type: none"> • Technology-based learning, • Group learning, • Individual learning, • Inquiry-based learning, <p>ACTIVITIES</p> <p>Collaborative Article writing</p>	<p>Sample of concept map explain them by diagrams</p>	<p>Skills Communicating</p> <p>Subject Biology</p>	<p>Collect food items that look like parts of our body and write about their benefits. Prepare a non-working model for the children of the primary grades.</p>
<p>Topic :Fundamentals Of Kinesiology And Biomechanics in Sports</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Understand Kinesiology and Biomechanics 	<p>Peer Assessment Sheet</p> <p>Checklist</p>	<p>APPROACH</p> <ul style="list-style-type: none"> • Group learning, • Inquiry-based learning, • Kinesthetic learning, 	<p>Making notebook and giving them project related to the topic</p>	<p>Skills Creativity Constructive</p> <p>SUBJECT</p>	<p>Performing Art in Power Point Presentation</p>

1. Definition and Importance of Kinesiology and Biomechanics in Sports. 2. Principles of Biomechanics 3. Kinetics and Kinematics in Sports 4.Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation 5. Axis and Planes - Concept and its application in body movements No. of Periods: 15 Month: November	with their application in sports. • Explain biomechanical principles and their utilization in sports and physical Education. • Illustrate fundamental body movements and their basic Patterns. • Learn about the Axis and Planes and their application With body movements.		ACTIVITIES Peer Assessing Making Checklist		Psychology Biology	
Topic : Psychology and Sports 1. Definition & Importance of Psychology in Physical Education & Sports; 2. Developmental Characteristics at Different Stages of Development; 3. Adolescent Problems & their Management; 4. Team Cohesion	After completing the unit, the students will be able to: • Identify the role of Psychology in Physical Education and Sports • Differentiate characteristics of growth and development at different stages.	Making Checklist	APPROACH • EXPLATION LEARNING • Game-based learning And • Expeditionary learning. ACTIVITIES Problem solving Checklist	MCQ Based Question Power Point Presentation Note book	Skill; Presentation Communication Subject Psychology Biology	Giving the task related to mind games

and Sports; 5. Introduction to Psychological Attributes: Attention, Resilience, Mental Toughness No. of Periods: 13 Month: December	<ul style="list-style-type: none"> • Explain the issues related to adolescent behavior and Team Cohesion in Sports • Correlate the psychological concepts with the sports and athlete specific situations 					
Topic : Training & Doping in Sports 1. Concept and Principles of Sports Training 2. Training Load: Over Load, Adaptation, and Recovery 3. Warming-up & Limbering Down – Types, Method & Importance 4. Concept of Skill, Technique, Tactics & Strategies 5. Concept of Doping and its disadvantages No. of Periods: 14 Month: January	After completing the unit, the students will be able to: <ul style="list-style-type: none"> • Understand the concept and Principles of sports training. • Summarize training load and its concept. • Understand the concept of warming up & limbering down in sports training and their types, method & importance. • Acquire the ability to differentiate between the skill, technique, tactics & strategies in sports training. • Interpret concept of doping. 	Checklist Notebook	APPROACH <ul style="list-style-type: none"> • Technology-based learning, • Group learning, • Individual learning, • Inquiry-based learning, • Game-based learning and • Expeditionary learning. ACTIVITIES Using information media Group discussion Individual explanation	MCQ based Question Copies checking	Skills; Sports Communication Subject Biology	Visual form image and video

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject : Accountancy

Topic : No. of Periods : When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic : Introduction to Accounting. Sub-topics : # Accounting. # Basic Accounting Terms. No. of Periods: 10 Month: June	# Determine the modern Economics, Types of business & non –business economics entities. # Capital & Revenue Measure Used me Accounting concept	Note Book & Concept Map	Approach – Basic concept of Accounting, Explanatory. Activities – Making of concept map related with basic accounting	Rubrics for Note Book. & Sample of Peer Assessment sheet	Skill – Communication Subject – Economics	Power Point Presentation. & Flow Chart
Topic : Theory Base of Accounting. Sub-topics : # Fundamental accounting assumption. # System of Accounting # Accounting Standard # Goods & Service Tax No. of Periods: 15 Month: July /August	Demonstrate the basic concept of fundamental accounts, Goods services Tax.	Concept based questions & Note Books	Approach- Reflective Inquiry Activities- Explanatory, Inductive – Deductive.	Sample of concept Map & Rubrics for oral test	Skill – Communication Creativity Subject- Economics	Analyzing image give students opportunities to think critically people can consume & communicate, Collected amount of information.

<p>Topic : Accounting Process -1</p> <p>Sub-topics : # Recording of Business Transaction. # Depreciation</p> <p>No. of Periods: 15</p> <p>Month: August/ Sept.</p>	<p>Formulate the effects of accounting equation. Measure the value of GST in accounting system. Evaluate the assets base treatment of providing depreciation.</p>	<p>Mind Map & Oral Test</p>	<p>Approach – Inductive – deductive Explanatory</p> <p>Activity – Making of concept Maps Identify and solve the important question</p>	<p>Sample of concept map, Social Media</p>	<p>Skill – Designing , Creativity</p>	<p>Power point Presentation & Designing Ledger Book.</p>
<p>Topic : Accounting Process- 2</p> <p>Sub-topics : Bank Reconciliation Bill of Exchange</p> <p>No. of Periods: 15</p> <p>Month: September/Oct</p>	<p>Determine purpose of maintaining , Cash Book & Pass Book under Reconcile Method</p>	<p>Reflection sheet & Concept Map</p>	<p>Approach – Making of concept maps Activity – Propose to know about Bank Reconciliation.</p>	<p>Sample of Reflection sheet</p>	<p>Skill - Construction Subject- Business studies</p>	<p>Visual-Image, info graphics</p>
<p>Topic : Financial statements</p> <p>Sub-topics : Revenue Capital</p> <p>No. of Periods: 25</p> <p>Month: Oct /Nov</p>	<p>Analyse the financial position Of the company calculate gross profit, Net /loss Profit & final position of Business</p>	<p>Rubric of project</p>	<p>Format of Final Accounts & make the real from of Final position. Approach - Explanatory, Inductive-deductive</p>	<p>Rubrics for Project Work in calculation</p>	<p>Skill- Constructive Evaluate Subject- Economics</p>	<p>Designing ledger book in Rubric From ledger</p>
<p>Topic : Incomplete Records</p> <p>Sub-topics : Incomplete Profit/loss statement.</p>	<p>Construct incomplete records & other uses of it. Select the abnormal statement.</p>	<p>Flow Chat</p>	<p>Activity- Perform the correct activities to find the profit/loss Approach- Explanatory , Inductive & deductive.</p>	<p>Social Media Rubrics for oral test.</p>	<p>Subject - Economic Skill - Communication</p>	<p>Power Presentation & Flow chart. Point</p>

No. of Periods: 10 Month: DEC						
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: Physics

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
<p>TOPIC: UNITS AND MEASUREMENTS AND MATHEMATICAL TOOLS.</p> <p>SUBTOPICS:</p> <ul style="list-style-type: none"> • Need for measurement • Units of measurement • Systems of units • SI units • Fundamental and derived units • Significant figures • Dimensions of physical quantities. • Dimensional analysis and its applications. • Basic concepts of differentiation and Integration <p>NO. OF PERIODS: 08 MONTH : JUNE-JULY</p>	<ul style="list-style-type: none"> ❖ Students will be able to identify systems of units, Physical quantities and physical units. ❖ Students will be able to solve numerical based on significant figures, dimensional analysis and its application ❖ Students will be able to solve numerical based on diff. and integration. 	Concept map	<p>Approach Experiential</p> <p>Activities and strategies : Making of concept map.</p>	Sample of concept map.	<p>Mathematical tools (co-related with maths) System of units. (Co-related with physical science).</p>	Visual
TOPIC: KINEMATICS AND LAWS OF	❖ Students will be able	Notebook	Approach Collaborative	Rubrics for notebook	Co-related with physical education, multimedia	3-D

<p>MOTION. SUBTOPICS:</p> <ul style="list-style-type: none"> • Frame of reference • Motion in a straight line • Elementary concepts of differentiation and integration for describing motion • Uniform and Non-uniform motion and instantaneous velocity • Uniformly accelerated motion • Velocity-time and position-time graphs. • Relations for uniformly accelerated motion (graphical treatment). • Scalar and Vector quantities • Position and displacement vectors • General vectors and their notations. • Equality of vectors • Multiplication of vectors by a real number • Addition and 	<p>to identify scalars and vectors and different types of vectors.</p> <p>❖ Students will be able to solve numerical based on unit vector, scalar and vector product of vectors</p>		<p>Activities and strategies : Problem solving.</p>		<p>and animation.</p>	
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<p>subtraction of vectors</p> <ul style="list-style-type: none"> • Unit vector • Resolution of a vector in a plane • Rectangular components • Scalar and vector product of vectors • Motion in a plane • Cases of uniform velocity and uniform acceleration • Projectile motion • Uniform circular motion <p>-----</p> <ul style="list-style-type: none"> • Intuitive concept of force • Inertia • Newton's first law of motion • Momentum and Newton's second law of motion • Impulse • Newton's third law of motion • Law of conservation of linear momentum and its applications • Equilibrium of concurrent forces • Static and kinetic friction • Laws of friction • Rolling friction 	<ul style="list-style-type: none"> ❖ Students will be able to make presentations based on Newton's law of motion, types of friction. ❖ Students will be able to solve numerical based on force, linear momentum, friction, centripetal force. ❖ Students 					
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<ul style="list-style-type: none"> • Lubrication • Dynamics of uniform circular motion • Centripetal force • Examples of circular motion <p>NO OF PERIODS : 38 MONTH – AUGUST, SEPTEMBER</p>	<p>will be able to derive Newton's second law of motion and expression for banking of road.</p>					
<p>TOPIC: WORK, ENERGY AND POWER, GRAVITATION. SUBTOPICS:</p> <ul style="list-style-type: none"> • Work done by a constant force and a variable force. • Kinetic energy • Work-energy theorem • Power • Notion of potential energy • Potential energy of a spring • Conservative forces • Non- conservative forces • Motion in a vertical circle • Elastic and inelastic collisions in one and two dimensions 	<ul style="list-style-type: none"> ❖ Students will be able to define work, energy and power. ❖ Students will be able to differentiate between positive, negative and zero work. ❖ Students will be able to derive potential energy, kinetic energy, work energy theorem. ❖ Students will be able to differentiate between conservative 	Peer assessment	<p>Approach Collaborative</p> <p>Activities and strategies : Peer assessing</p>	Peer assessment sheet	Co-related with physical education and physical science.	Performing art

<p>-----</p> <ul style="list-style-type: none"> • Kepler's laws of planetary motion • Universal law of gravitation • Acceleration due to gravity and its variation with altitude and depth. • Gravitational potential energy and gravitational potential • Escape speed • Orbital velocity of a satellite <p>NO OF PERIODS: 26 MONTH: SEPTEMBER, OCTOBER</p>	<p>and non-conservative forces.</p> <ul style="list-style-type: none"> ❖ Students will be able to derive an expression for velocity in case of elastic and inelastic collisions in 1-D and 2-D. ❖ Students will be able to know about universal law of gravitation. ❖ Students will be able to derive a relation between G and g. ❖ Students will be able to define gravitational potential, gravitational potential energy, escape velocity, orbital velocity. ❖ Students will be able 					
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	to derive an expression for acceleration due to gravity with respect to height and depth					
<p>TOPIC: MOTION OF SYSTEM OF PARTICLES AND RIGID BODY, MECHANICAL PROPERTIES OF SOLIDS.</p> <p>SUBTOPICS:</p> <ul style="list-style-type: none"> Center of mass of a two particle system. Momentum conservation and center of mass motion Center of mass of a rigid body Center of mass of a uniform rod Moment of a force Torque Angular momentum Law of conservation of angular momentum and its applications Equilibrium of rigid bodies Rigid body rotation and 	<ul style="list-style-type: none"> ❖ Students will be able to define center of mass of a rigid body of a two particle system ❖ Students will be able to define torque, angular momentum. ❖ Students will be able to derive equations of rotational motion ❖ Students will be able to differentiate between linear and rotational motion ❖ Students will be able to define moment of 	Concept map	<p>Approach Experiential</p> <p>Activities and strategies : Making of concept map</p>	Sample of concept map.	Co – related with art integration	Performing art.

<ul style="list-style-type: none"> • Pascal's law and its applications • Effect of gravity on fluid pressure. • Viscosity • Stoke's law • Terminal velocity • Streamline and turbulent flow • Critical velocity • Bernoulli's theorem and its applications • Surface energy and surface tension • Angle of contact • Excess of pressure across a curved surface • Application of surface tension ideas to drops, bubbles and capillary rise. 	<ul style="list-style-type: none"> ❖ velocity ❖ Students will be able to derive an expression for terminal velocity, Bernoulli's theorem ❖ Students will be able to define surface tension, surface energy, angle of contact ❖ Students will be able to derive an expression for excess of pressure inside a drop and inside a bubble 					
<p>-----</p> <ul style="list-style-type: none"> • Heat • Temperature • Thermal expansion of solids, liquids and gases • Anomalous expansion of water • Specific heat capacity 	<ul style="list-style-type: none"> ❖ Students will be able to define heat, temperature, thermal expansion ❖ Students will be able to derive thermal expansion 					

<ul style="list-style-type: none"> • Calorimetry • Change of state – latent heat capacity • Heat transfer – conduction, convection and radiation • Thermal conductivity • Qualitative ideas of black body radiation • Wien’s displacement law • Stefan’s law 	<p>expression in case of solids, liquids and gases</p> <p>❖ Students will be able to define anomalous expansion of water, specific heat capacity</p> <p>❖ Students will be able to differentiate between conduction, convection and radiation</p> <p>❖ Students will be able to define thermal conductivity , black body, Wien’s displacement law, Stefan’s law.</p>					
<p>-----</p> <ul style="list-style-type: none"> • Periodic motion – time period, frequency, 	<p>❖ Students will be able to derive an expression for</p>					

<p>displacement as a function of time</p> <ul style="list-style-type: none"> • Periodic functions and their application • S.H.M and its equation of motion • Phase • Oscillations of a loaded spring • Restoring force and force constant • Energy in S.H.M. • Kinetic and potential energies • Simple pendulum • Derivation of expression for its time period <p>NO OF PERIOD: 29 MONTH: NOVEMBER, DECEMBER</p>	<p>displacement, velocity, acceleration, kinetic energy, potential energy, total energy</p> <p>❖ Students will be able to derive an expression for time period and frequency</p>					
<p>TOPIC: THERMODYNAMICS, KTG, WAVES</p> <p>SUBTOPICS:</p> <ul style="list-style-type: none"> • Thermal equilibrium and definition of temperature • Zeroth law of thermodynamic • Heat • Work and internal energy • First law of thermodynamic • Second law of thermodynamic 	<p>❖ Students will be able to define first law, zeroth law, second law of thermodynamics</p> <p>❖ Students will be able to derive an expression for isothermal and adiabatic</p>	Peer assessment	<p>Approach Collaborative</p> <p>Activities and strategies : Peer assessing</p>	Peer assessment sheet	Co-related with chemistry	Performing art

<ul style="list-style-type: none"> • Gaseous state of matter • Change of condition of gaseous state - isothermal • Adiabatic • Reversible • Irreversible and cyclic processes • Equation of state of a perfect gas • Work done in compressing a gas <p>-----</p> <ul style="list-style-type: none"> • Kinetic theory of gases – assumptions • Concept of pressure • Kinetic interpretation of temperature • RMS speed of gas molecules • Degrees of freedom • Law of Equi-partition of energy (statement only) and application to specific heat capacities of gases • Concept of mean free path • Avogadro's no. <p>-----</p> <ul style="list-style-type: none"> • Wave motion • Transverse and longitudinal waves • Speed of travelling 	<ul style="list-style-type: none"> ❖ process ❖ Students will be able to differentiate between reversible and irreversible process <ul style="list-style-type: none"> ❖ Students will be able to define postulates of KTG ❖ Students will be able to differentiate between longitudinal and transverse waves ❖ Students will be able to derive displacement relation for a progressive wave <p>Students will be able to define principle of superposition of</p>					
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<p>wave</p> <ul style="list-style-type: none"> • Displacement relation for a progressive wave • Principal of superposition of waves • Reflection of waves • Standing waves in strings and organ pipes • Fundamental mode and harmonics • Beats <p>NO OF PERIODS: 33 MONTH: DECEMBER, JANUARY.</p>	<p>waves, fundamental mode, harmonics, beats</p>					
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: History

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: Theme 1 Sub-topics : Geographical features Development of writing in Mesopotamia Significance of urbanism No. of Periods:20 Month: June	Students will be able to elucidate the progress of human civilization with the growth of city life.	<ul style="list-style-type: none"> • Concept map • Peer assessment 	Approach– Reflective Inquiry based Activities and Strategies <ul style="list-style-type: none"> • Using information media • Peer assessing 	<ul style="list-style-type: none"> • Sample of concept map • Sample of pamphlet • Sample of peer assessment 	Life skill – Creative Subjects involved : Art	Visual – Make a pamphlet to visit Mesopotamia
Topic :Theme 2 Sub-topics : Three pillars of the Roman empire. No. of Periods:20 Month :July	Students will be able to identify the strong pillars of the Roman empire.	<ul style="list-style-type: none"> • Concept map • Peer assessment 	Approach – Collaborative Experiential Activities and Strategies Presenting	<ul style="list-style-type: none"> • Sample of concept map 	Life skill – Creative subjects involved : Art	(3D) Make a pyramid to show the three pillars of the Roman empire
Topic :Theme 3 Sub-topics : Life and career of Genghis Khan Background of the people of Mongol Empire No. of Periods:20 Month: July	Students will be able to familiarize with the varieties of jewellery used	Peer assessment, Check list	Approach – Experiential Activities and Strategies	Rubrics of peer assessment , Sample of checklist	Life skill – Creative subjects involved : Art	3D – Make jewellery used by the Nomadic tribes using clay stones or beads.(experiential)

<p>Topic :Theme 4 The Three Order Sub-topics : Clergy Nobles Third Order No. of Periods:20 Month: August</p>	<p>Students will be able to evaluate the condition of life of a serf and slave in France and Rome</p>	<p>Concept map, Peer assessment, Note book</p>	<p>Approach – Reflective, Inquiry based, Collaborative</p> <p>Activities and Strategies: Presenting, Peer assessing</p>	<p>Rubrics – Peer assessments of concept map</p>	<p>Life Skill- Creative Thinking skill Subject – English</p>	<p>Visual – Make a chart to show the condition of life of a French serf and a Roman slave</p>
<p>Topic :Theme 5 Changing Cultural Traditions Sub-topics : Revival of Italian cities Aspiration of women Changes within Christianity No. of Periods:20 Month: October</p>	<p>To compare and contrast the condition of men and women in the Renaissance period</p>	<p>Concept map</p>	<p>Approach – Collaborative among students</p> <p>Activities and Strategies: Presenting, Peer assessing</p>	<p>Sample of graphical chart and concept map</p>	<p>Life Skill -Creative Subject - Maths</p>	<p>Visual – Graphical chart : Compare the life of men and women during the Renaissance period</p>
<p>Topic :Theme 6 Displacing indigenous people Sub-topics : Natives of Australia and America No. of Periods:20 Month: November</p>	<p>To evaluate the process of displacement of the native people in America and Australia</p>	<p>Peer assessment</p>	<p>Approach – Audio, Linguistic</p>	<p>Rubrics</p> <ul style="list-style-type: none"> • Peer assessment • PPT 	<p>Life Skill – Thinking and communication skills Subject – Political Science</p>	<p>Performing Arts – Debate on the topic Issues of Displacement</p>
<p>Topic :Theme 7 Paths to modernization Sub-topics : Meiji Reforms Daily life in Japan Overcoming modernity No. of Periods: 20 Month:December</p>	<p>To identify the steps taken by the Meiji government to integrate the nation</p>	<p>Peer assessment , Concept map</p>	<p>Approach – Experiential, Collaborative</p> <p>Activities and Strategies – Presenting, Using information video</p>	<p>Peer assessment, ppt</p>	<p>Life skill – Presentation skill, Creative Subject - IT</p>	<p>3D - Make a model to show Meiji Reform</p>

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: Biology

Topic: No. of Periods:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi- disciplinary	Art Integration or
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When:						Sports Integration
<p>Topic: Unit-I Diversity in Living World Ch1-</p> <p>Sub-topics: Biodiversity; Need for classification; three domains of life; taxonomy and systematics; concept of species and taxonomical hierarchy; binomial nomenclature No. of Periods:4</p> <p>Month: June</p>	<p>Students will be able to-</p> <ol style="list-style-type: none"> 1.define the terms used in the chapter 2. list the characters f living being 3. State the universal norms of nomenclature 4.explain the hierarchy of classification 5. Differentiate between categories of Taxonomical Aids 	<p>*Notebook *Peer Assessment - MCQs</p>	<p>Approach – *Explanatory *Reflective Inquiry Based</p> <p>Activities *Concept Maps</p>	<ul style="list-style-type: none"> • Notebook • Peer Assessment Sheet 	<p>Life Skills</p> <ul style="list-style-type: none"> • Creative Thinking • Problem Solving • Collaboration <p>Subjects Involved Geography</p>	<p>Make calendar With the photos of Botanical gardens/ museum/Zoological park</p>
<p>Topic: Ch2.Biological Classification Sub-topics: *Five kingdom classification; *Salient features and classification of Monera, Protista and Fungi into major groups; *Lichens, Viruses and Viroids.</p> <p>No. of Periods:</p>	<p>Students will be able to-</p> <ol style="list-style-type: none"> 1.Classify organisms based on certain characteristics systematically in more scientific and organized manner 2. Differentiate between various classes of the kingdom 3. Give examples For each category 	<p>*Concept based Questions *Peer assessment - Diagrams.</p>	<p>Approach *Explanatory *Inquiry Based</p> <p>Activities *Diagrams *High Order Thinking Skill Questions *Forming MCQs</p>	<p>*Sample of concept-based questions *Peer Assessment Sheet.</p>	<p>Skills: *Critical thinking *Empathy *Collaboration Subjects involved: *Value Education *Ecology</p>	<p>*Collage of pics of different categories of organisms</p>

05 Month: June						
<p>Topic: Ch4 Animal Kingdom</p> <p>Sub Topic: *Basis of Classification *Classification of Animals -PORIFERA to CHORDATA *Classes of Chordates</p> <p>No. of Periods: 7</p> <p>Month: July</p>	<p>Students will be able to:</p> <p>*Classify animals on the basis of characters</p> <p>*Identify animals on the basis of features.</p> <p>*Differentiate between Chordate and non-chordate</p>	<p>*Concept based questions.</p> <p>*Peer Assessment (MCQs)</p>	<p>Approaches: Explanatory Inductive method Reflective -Inquiry</p> <p>Activities: *Solving concept-based questions. *Note Making</p>	<p>*Sample of CBQs</p> <p>*Sample of Peer Assessment Sheet</p>	<p>Skill: Critical thinking Analytical Diagrammatic</p> <p>Subjects involved: Geography</p>	<p>PPT presentation on any one phylum of student's choice.</p>
<p>Topic: Unit-II Structural Organization in Plants and Animals Ch 5 Morphology in Flowering Plants Sub Topic: Root Stem Leaf Inflorescence Flower Fruit Seed Description of a family of flowering plant Solanaceae No. of Periods:7</p>	<p>Students will be able to –</p> <ol style="list-style-type: none"> 1.Explain the different parts of Plants 2.Differentiate between types of roots, leaves, inflorescences, seeds etc. 3.Describe the floral parts of the flower. 4. Form the floral formula for the given flower. 	<p>I-UNIT TEST</p> <p>*Viva</p>	<p>Approach:</p> <p>*Explanatory *Experiential learning *Experimental</p> <p>Activities- *Observation of plants in the school garden *</p>	<p>*Sample of QUESTION PAPER Mark list</p>	<p>Skill: *Critical thinking Observational *Analytical Diagrammatic</p> <p>Subject Involved: Environmental Studies *Designing *Math</p>	<p>Greeting cards using leaf skeleton Or best out of waste</p>

Month: July						
<p>Topic: Ch6 Anatomy of Flowering Plants</p> <p>Sub-topics: *Anatomy and function of tissues in Dicots Monocots No. of Periods:5</p> <p>Month: July-August</p>	<p>Students will be able to -</p> <ol style="list-style-type: none"> 1.Explain the arrangement of cells in T.S of stem and roots 2.Differentiate between Monocot and Dicot Stem and Root on the basis of Vascular tissue arrangements 3. Draw T.S of stem and root. 	<p>*Concept based Questions</p> <p>*Peer assessment MCQs</p>	<p>Approach:</p> <p>*Interactive</p> <p>*Laboratory</p> <p>*Inductive deductive</p> <p>Activities:</p> <p>Discussion</p> <p>Diagrams</p> <p>Observation of traverse section of ROOT and STEM</p>	<p>*Sample of concept-based questions</p> <p>*Sample of peer assessment sheet</p>	<p>Skill</p> <p>*Prediction</p> <p>*Communication</p> <p>Slide Preparation</p> <p>Subjects involved:</p> <p>Art</p> <p>Math</p>	<p>Section of Dicot and Monocot stem using MANDALA ART</p>
<p>Topic: Ch7 Structural Organization in Animals</p> <p>Sub-topics: *Morphology, *Anatomy and *Functions of different systems of frog</p> <p>No. of Periods: 05</p> <p>Month: August</p>	<p>Students will be able to -</p> <ol style="list-style-type: none"> 1.Explain the morphology of Frog 2.Describe the systems in the frog 3. Diagrammatically represent the systems in frog 4.Differentiate between hepatic portal and renal portal systems in frog. 	<p>*Concept based Questions</p> <p>*Peer assessment MCQs</p>	<p>Approach:</p> <p>*Interactive method</p> <p>*Explanatory method</p> <p>*Inductive deductive method</p> <p>Activities</p> <p>Power point presentation</p> <p>Clay model of organ systems in Frog (group activity)</p>	<p>*Sample of concept-based questions</p> <p>*Sample of peer assessment sheet (MCQs)</p>	<p>Skill</p> <p>*Communication</p> <p>Subjects involved:</p> <p>Chemistry (chemistry of drugs)</p>	<p>Clay Model of systems in frog</p>

<p>Topic: Unit-III Ch8.Cell-The Unit of Life</p> <p>Sub-topics: Cell Theory Structure of Prokaryotic and Eukaryotic Cell Plant cell Animal Cell Cell Organelles</p> <p>No. of Periods: 10 Month: August-September</p>	<p>Students will be able to –</p> <ol style="list-style-type: none"> 1.Differentiate between prokaryote and eukaryote 2.Diagrammatically represent structure of organelles 3.State the functions of various organelles 	<p>*Assertion-reason questions *Peer assessment (MCQs)</p>	<p>Approach: *Explanatory *Inquiry based Activates: *Note Making * Attempting MCQs</p>	<p>Sample of Assertion -reason Questions and Peer Assessment sheet</p>	<p>Skill: Decision making Observation Diagrammatic</p> <p>Subject Involved: Chemistry</p>	<p>Clay models of organelles</p>
<p>Topic: Ch 9 Biomolecules</p> <p>Sub-topics: *Chemical Constituents of living cells *Biomolecules Structure and function of *Proteins *Carbohydrates *Lipids and *Nucleic acid</p> <p>Enzymes - types, properties, enzyme action No. of Periods:10</p>	<p>Students will be able to –</p> <ul style="list-style-type: none"> *Define the terms * Explain the chemical nature of molecules *Describe the structure of enzymes *Differentiate types of enzymes 	<ul style="list-style-type: none"> • MCQs • Concept Map <p>I-Terminal Exam</p>	<p>Approach:</p> <ul style="list-style-type: none"> • Inquiry based • Explanatory <p>Activities: *Making Concept Map</p>	<ul style="list-style-type: none"> • Sample of MCQs • Concept map 	<p>Skill: *Critical thinking *Computational *Problem solving</p> <p>Subjects involved:</p> <ul style="list-style-type: none"> • Bio informatics • Chemistry 	<p>Helical wall hanging</p>

Month: - October						
Topic: Ch 10 Cell Cycle and Cell Division Sub-topics: *Cell Cycle *Mitosis *Meiosis * Significances of cell divisions No. of Periods: 7 Month: October- November	Students will be able to - 1.Prepare temporary slide of onion root tip and observe a few stages of mitosis 2.Differentiate between mitosis and meiosis 3. Diagrammatically represent different stages of mitosis and meiosis 4.Explain the significance of cell division 5. Justify the type of division in relation to its position in the body.	*Assertion reason questions *MCQs (peer Assessment)	Approach: *Explanatory *Inductive Deductive *Experimental Activities: *Note making *Diagram *Cell model showing stages of mitosis.	Sample of Assertion -reason Sample of MCQs	Skill: Critical Analysis Observation Reasoning Subject involved chemistry	*Clay Model of cells showing stages of Mitosis Or Model of mitotic stages using fruits and vegetables (culinary art)
Topic: UNIT-IV Ch 13 Photosynthesis in Higher Plants Sub Topics: *Site of photosynthesis *Pigments involved * Photochemical and biosynthetic phases of photosynthesis * Cyclic and	Students will be able to - 1.Explain THE SITES OF PHOTOSYNTHESIS 2. Differentiate between Cyclic and Non -Cyclic Photophosphorylation 3. Explain C3 and C4 pathways 4.Identify the factors affecting photosynthesis.	*Peer Assessment (MCQs) *Concept based questions	Approach: *Heuristic *Inquiry based *Explanatory Activities: *Group discussion *Short Question answer	Sample of Peer Assessment Sheet	Skill: *Critical Analysis *Logical reasoning Subjects Involved Chemistry	Creating book marks using plant pigments.

non-cyclic photophosphorylation *Chemiosmotic hypothesis; *photorespiration; *C3 and C4 pathways; *factors affecting photosynthesis No. of Periods: 15 Month: November						
Topic: Ch 14 Respiration in Plants Sub Topics: *Exchange of Gases *Cellular Respiration *Amphibolic pathways *Respiratory Quotient Sub-topics: * No. of Periods:15 Month: November	Students will be able to – <ol style="list-style-type: none"> 1. Explain TCA, ETS 2. Compare various pathways involved in respiration 3. Calculate respiratory quotient 	*Self-Assessment Assertion / reason questions *MCQs	Approach: *Inductive Deductive *Explanatory *Reflective Inquiry Activities: *Group discussion * Making Short Notes * Flow chart making	Sample of Self-Assessment sheet	Skill: Communication Leadership Collaboration Critical Analysis Subject Involved: Math Chemistry	Poster creating awareness on effect of pollution on lungs
Topic: Ch 15 Plant - Growth and Development Sub-topics:	Students will be able to – *Identify the factors responsible for seed germination	MCQs (Peer Assessment) Concept based questions	Approach: *Heuristic *Reflective Inquiry Explanatory Activities:	Sample of concept-based questions	Skill: Leadership Communication Creative thinking Collaboration	Posters on creating awareness on use of growth hormones on plants

<p>*Seed germination; *phases of plant growth and plant growth rate; *conditions of growth;</p> <p>*plant growth regulators - auxin, gibberellin, cytokinin, ethylene, ABA. No. of Periods: 7 Month: December</p>	<p>and growth of plants * List the growth hormones in plants * Explain the role of Growth hormones</p>		<p>*Group discussion and presentation</p>		<p>Subject Involved: Geography chemistry</p>	
<p>Unit-V Human Physiology Ch-17: Breathing and Exchange of Gases Sub-topics: *Respiratory system in humans; *mechanism of breathing and its regulation in humans - exchange of gases, transport of gases and regulation of respiration, *respiratory volume; *Disorders</p>	<p>Students will be able to – 1. sequence the name of parts of respiratory system 2. Explain the Mechanism of breathing 3. Identify the symptoms of lung infection 4. Describe occupational disorders 5. Demonstrate precautions to be taken to prevent lung infections And the process of inhalation and exhalation</p>	<p>*MCQs (Peer Assessment) *Concept based questions *Short questions</p>	<p>Approach: Explanatory Inductive deductive Inquiry based Activities: *Flow charts *Group discussion on respiratory disorders and its presentation</p>	<p>Sample of short questions MCQs and A/R questions</p>	<p>Skill: *Collaboration *Presentation * Communication * Decision making Subject Involved Physics Math</p>	<p>Indigenous games like Kabaddi, one-legged games in which breath is held for maximum duration *Water colour floral lung</p>

<p>related to respiration - asthma, emphysema, *occupational respiratory disorders.</p> <p>No. of Periods: 7</p> <p>Month: December</p>						
<p>Topic: Ch-18: Body Fluids and Circulation</p> <p>Sub-topics:</p> <p>*Composition of blood, blood groups, *coagulation of blood; *composition of lymph and its function; *Human Circulatory system - Structure of human heart and blood vessels; cardiac cycle, cardiac output, ECG; double circulation; regulation of cardiac activity; *disorders</p> <p>No. of Periods: 7</p> <p>Month: December</p>	<p>Students will be able to –</p> <ol style="list-style-type: none"> 1. sequence the name of parts of respiratory system 2. Explain the Mechanism of breathing 3. Identify the symptoms of lung infection 4. Describe occupational disorders 5. Demonstrate precautions to be taken to prevent lung infections <p>And the process of inhalation and exhalation</p>	<p>*MCQs (Peer Assessment)</p> <p>*Concept based questions</p> <p>*Short questions</p>	<p>Approach:</p> <p>Explanatory</p> <p>Inductive deductive</p> <p>Inquiry based</p> <p>Activities:</p> <p>*Flow charts</p> <p>*Group discussion on respiratory disorders and its presentation</p>	<p>Sample of short questions</p> <p>MCQs and A/R questions</p>	<p>Skill:</p> <p>*Collaboration</p> <p>*Presentation</p> <p>*Communication</p> <p>* Decision making</p> <p>Subject Involved</p> <p>Physics</p> <p>Math</p>	<p>Posters on creating awareness on use of growth hormones on plants</p>

<p>Topic: Ch-19: Excretory Products and their Elimination Sub-topics: *Modes of excretion *Human excretory system – structure and function; *Urine formation, osmoregulation ; *regulation of kidney function - renin - angiotensin, atrial natriuretic factor, ADH and diabetes insipidus; *Role of other organs in excretion; *Disorders - uremia, renal failure, renal calculi, nephritis; *dialysis and artificial kidney, No. of Periods: 10 Month: January</p>	<p>Students will be able to – 1.Describe various types of excretory systems in different organisms 2.Diagrammatically represent structure of kidney and nephron 3.Differentiate between types of nephrons 4.Create models of excretory system and its unit</p>	<p>*MCQs (Peer Assessment) *Short questions</p>	<p>Approach: Explanatory Inductive deductive Inquiry based Activities: *Flow charts *Group discussion on respiratory disorders and its presentation</p>	<p>Sample of short questions MCQs and A/R questions</p>	<p>Skill: *Collaboration *Presentation * Communication * Decision making Subject Involved Physics Math</p>	<p>Create models of excretory system and its unit with clay</p>
<p>Topic: Ch-20:</p>	<p>Students will be able</p>	<p>*Oral question</p>	<p>Approach:</p>	<p>Sample of short</p>	<p>Skill:</p>	<p>Chart of different</p>

<p>Locomotion and Movement</p> <p>Sub-topics:</p> <p>*Types of movement - ciliary, flagellar, muscular;</p> <p>*Skeletal muscle, contractile proteins and muscle contraction;</p> <p>*Skeletal system and its functions; joints;</p> <p>*Disorders of muscular and skeletal systems - myasthenia gravis, tetany, muscular dystrophy, arthritis, osteoporosis, gout.</p> <p>No. of Periods: 6</p> <p>Month: January</p>	<p>to –</p> <p>1.Explain types of movement on the basis of locomotory organs.</p> <p>2. Diagrammatically represent contractile proteins that help in contraction and relaxation</p> <p>3.co-relate disorder and causative agent</p>	<p>answers</p>	<p>Explanatory Inquiry based Inductive method</p> <p>Activities:</p> <p>*Flow charts</p> <p>*Short notes</p>	<p>questions MCQs and A/R questions</p>	<p>*Collaboration</p> <p>*Presentation</p> <p>* Communication</p> <p>* Decision making</p> <p>Subject Involved</p> <p>Physics</p> <p>Math</p>	<p>types of muscular disorders</p>
<p>Topic: Ch-21: Neural Control and Coordination</p> <p>Sub-topics:</p> <p>*Neuron and nerves;</p> <p>*Nervous system in</p>	<p>Students will be able to -</p> <p>1.Categories Nervous system on the basis of its position in the body</p> <p>2.Explain the conduction of nerve impulses</p> <p>3.Diagrammatically</p>	<p>MCQs -Peer Assessment</p>	<p>Approach: Explanation Inquiry based</p> <p>Activities: Diagrams Making Assertion /reason questions</p>	<p>Sample of MCQs</p>	<p>Skill: Critical Thinking Diagrammatic skill</p> <p>Subject Involved</p> <p>Chemistry</p> <p>Psychology</p>	<p>Model of brain With culinary art</p>

humans - central nervous system; peripheral nervous system and visceral nervous system; *generation and conduction of nerve impulse No. of Periods: 5 Month: January	represent the structure of Neuron					
Topic: Ch-22: Chemical Coordination and Integration Sub-topics: *Endocrine glands and hormones; *human endocrine system *Mechanism of hormone action (elementary idea); *role of hormones as messengers and regulators, hypo - and hyperactivity and related disorders; dwarfism, acromegaly, cretinism, goiter,	Students will be able to – 1. Locate the position of glands in the given diagram 2. Name the endocrine glands and its secretion 3. Explain the role of hormones in the body 5. Predict the effect of deficiency of specific hormones on the body	Short question -answers Assertion / Reason questions	Approach Explanation Inquiry based Activities Presentations Group Discussion	Sample of short question Answer	Skill: Collaboration Critical Analysis Subject Involved Chemistry	Poster on the deficiency diseases due to lack of hormones and the suggested exercises

exophthalmic goiter, diabetes, Addison's disease. No. of Periods: 5 Month: January						
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Annual Curriculum and Pedagogical Plan (2024-25)

Class: XI

Subject: Political Science

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
<p>Topic : Constitution Why and How?</p> <p>Sub-topics : *Need of need a constitution. *The authority a Constitution *Composition of the Constituent Assembly *Provision adopted from Constitutions of different countries.</p> <p>No. of Periods: 12 Month: June</p>	<p>The students will be able to</p> <p>_identify the key aspects of the working of the Constitution.</p> <p>_analyze the structure of government, their composition and division of powers</p> <p>_Assess key features of the Indian Constitution and other Constitutions of the world</p>	<p>Peer assessment sheet</p> <p>_ Concept map</p> <p>_ Reflection sheet</p>	<p>Methods</p> <p>Lecture Discussion ICT Questioning Problem solving</p> <p>Activity Debate Quiz & polls</p>	<p>Peer assessment sheet (MCQ) Sample of Concept Map _ Sample of Reflection sheet</p>	<p>Skills</p> <p>-Critical thinking - Information literacy framing of Constitution</p> <p>Sub- involved (History, English, Hindi)</p>	<p>Visual</p> <p>Preamble of Indian (Calligraphy writing)</p>
<p>Topic :Rights in the Indian Constitution</p> <p>Sub-topics *The importance of Rights *Fundamental rights in the Indian Constitution *Directive</p>	<p>The students will be able to-</p> <p>*Identify Fundamental rights guaranteed by Indian Constitution.</p> <p>*Examine the role of Human Rights</p>	<p>Note book Role play Reflection sheet</p>	<p>Methods</p> <p>Explanation Lecture Discussion ICT Questioning</p> <p>Activity Debate Strategies-inquiry Using information</p>	<p>Rubrics for note book Role play (check list)</p> <p>- (Sample of reflection) Inquiry and analysis)</p>	<p>Skills:- Problem solving Critical thinking Media Technology literacy Sub- (History, Languages)</p>	<p>Performing art</p> <p>(Role playsonvolution ofFundamental rights including partner state.)</p>

principles of state policy *Relationship between fundamental rights and directive principles No. of Periods:8 Month : June&July	Commission. *Assess the role Judiciary an important protect -or of fundamental rights.		media			
Topic :Executive Sub-topics : *Meaning of an executive *Types of executives *Parliamentary executive in India *Prime minister and Council of ministers *Parliamentary executive – Bureaucracy No. of Periods: 14 Month: July	The students will be able to- *Understand meaning of executive and types of executives *Compare and contrast the presidential and parliamentary executive *Evaluate the significance of the administrative machinery.	Concept map Peer Assessment sheet Quiz	Methods ICT Question & Answer Discussion Lecture Explanation activity Group Discussion	- Sample of concept map -peer assessment sheet (Rubric) (Quiz/MCQ)	Skills- Analytical thinking Information- literacy Productivity Collaboration Sub-involved (Languages- Hindi/English)	PPT Concept map (Visual)
Topic :Legislature Sub-topics : *Need of parliament *Two houses of parliament *Power and functions of parliament *Law making process	The students will be able to- *Examine the Parliamentary control over the Executive Describe the law making process in India *Differentiate between the powers and	Presentation Debate Note book	Methods Dramatization Collaborative learning Experiential learning Researching	Check list for debate and presentation	Skills: Creative thinking Team building Leader ship Initiative Productivity Sub- involved (Language-Hindi,	Mock Parliament Performing arts

*Control on Executive *Committees of parliament No. of Periods:14 Month: July	functions of Lok Sabha and Rajya Sabha.		Activity: Debate(mock parliament)	Rubric for note book	English, regional languages &) Economics)	
Topic :Political Theory Sub-topics : Political theory: An Introduction of politics *meaning of politics *Need to study political theory *putting political theory No. of Periods: 8 Month: August	The students will able to:- *identify the views of political thinkers about politics *justify the reasons to study political theory * Explain the ways to put political theory to practice	Note book Article writing Book of great thinkers (ex-Jean Jacques Rousseau)	Methods Explanation Reflective inquiry ICT Lecture Discussion Question and answer Activity: Reading the work of great political thinkers	Rubrics for note book Article writing (comparative study of political scenario of present and past) *the work of great thinkers.	skills Communication Critical thinking Media literacy Sub-involved (English, History)	Visual Article writing political scenario (regional / national)
Topic :Freedom Sub-topics : *The ideal of freedom *The sources of Constraints and it's need *The Harm principle *Negative and Positive liberty No. of Periods:10 Month:August	The students will be able to:- *Appreciate the ideal of freedom *Critically evaluate the dimensions of negative and positive liberty *Understand the struggle of Nelson Mandela, and Aung San SuuKyi against the political system *Explain the ideas introduced by J. S Mill in	Reflection Sheet Debate Quiz	Methods Discussion Explanation ICT Lecture Questioning Activity Debate Group discussion	-Rubric for the activities Debate Does dress code curtails individual freedom?)—peer assessment sheet for quiz	Skills Critical thinking Leadership Communication Flexibility Creative thinking Sub- involved Legal studies, Economics sociology, geography (History , English)	Performing art Examine current case studies related to the content. (including partner state)

	Harm Principle					
<p>Topic :Equality</p> <p>Sub-topics : *Significance of equality *Various dimensions of Equality *Ways to promote equality</p> <p>No. of Periods:12 Month: August</p>	<p>The students will be able to:- *Understand the moral and political ideals of equality *Assess how equality is perceived through different ideologies *Evaluate the means and methods to promote equality *Develop a strategy to possible solutions to minimize inequality.</p>	<p>Debate Discussion Role play</p>	<p>methods Problem solving Dramatization Debate Questioning Activity Group discussion</p>	<p>Rubrics for the debate Discussion (promotion of equality)</p>	<p>Skills Ethical understanding Social skills Critical life skills Productivity Information literacy Critical thinking Collaboration Sub-involved History, Legal studies, English ,sociology ,economics</p>	<p>Performing arts Debate(gender ,economic, legal equality) Discussion</p>
<p>Topic :Judiciary</p> <p>Sub-topics : *Need of an independent judiciary *Structure of the judiciary *Judicial Activism *Judiciary and Rights *Judiciary and Parliament</p> <p>No. of Periods:14 Month: September</p>	<p>The students will be able to:- *Analyze the importance of the Judiciary. *Identify the procedure of appointment and removal of judges *Explore Judicial Activism PIL(public interest litigation)</p>	<p>Presentation Concept map</p>	<p>Methods: Inquiry Researching Using information media Lecture Explanation Activity PPT(presentation)</p>	<p>-Rubrics for presentation -Sample of concept map</p>	<p>-Information literacy -critical thinking Communication (Languages, legal studies)</p>	<p>Culinary art Hierarchical structure of Indian Judicial system</p>
<p>Topic :Social Justice</p>	<p>The students will be able to:-</p>	<p>Note book Article</p>	<p>Methods Discussion</p>	<p>-Rubrics for note book</p>	<p>Skills: Global awareness</p>	<p>Performing art</p>

<p>Sub-topics : *Meaning of justice *Just distribution Justice as fairness *Pursuing Social justice</p> <p>No. of Periods:12 Month: October</p>	<p>*Classify the different dimensions of justice *State John Rawls' theory of veil of ignorance *Analyze, the state and legal justice in society, by implementing laws *write article on the given topic</p>		<p>Lecture Inquiry and analysis ICT Problem solving</p>	<p>- sample of article writing (literature comprehension)</p>	<p>Self-direction Civic literacy Critical thinking Productivity Communication Sub-involved Law, Legal studies Languages, English)</p>	<p>Article writing CivicSocial responsibilities</p>
<p>Topic :Rights</p> <p>Sub-topics : *Meaning of Rights *Origin of Rights *Legal Rights and State *Kinds of Rights *Rights and responsibilities</p> <p>No. of Periods: 14 Month: October</p>	<p>The students will be able to:- *Examine the argument, Why rights need to be sanctioned by law *Describe the features of different kinds of rights *identify the need for rights and its importance to mankind. *Comparative analysis of types of rights</p>	<p>Checklist Portfolio Reflection sheet</p>	<p>Methods Explanation ICT Lecture Questioning Activities Designing Rubrics Questioning Case studies Class room test</p>	<p>-Sample of check list -Rubrics for portfolio (self-assessment sheet)</p>	<p>Collaborative learning Information literacy Creativity Problem solving</p>	<p>Performing arts Skit(based on case studies, including partner state)</p>
<p>Topic : Federalism</p> <p>Sub-topics : *Introduction *Federalism in the Indian Constitution</p>	<p>The students will be able to:- *Identify the different levels of the government and subjects on</p>	<p>Concept map Peer assessment Reflection sheet</p>	<p>Methods Collaborative team work (Group task) Reflective inquiry Using information media</p>	<p>Sample of concept map Peer assessment sheet Rubrics for</p>	<p>Leadership Initiative Critical thinking Communication Sub- Involved Adminiatration</p>	<p>Culinary art A presentation of quasi federal form of Indian</p>

<p>*Federalism with strong central government</p> <p>*Conflicts in India's federal system</p> <p>No. of Periods: 14</p> <p>Month: November</p>	<p>which the Union and state governments can make law</p> <p>*Recognize about the conflicts in India's federal system</p> <p>*Discuss the various Constitutional provisions that led to a strong Centre in India</p>		<p>Activity: Group discussion</p>	reflection sheet	(indian polity) English	federal system
<p>Topic : Local Government</p> <p>Sub-topics : *Need of Local Government *Growth of Local Government in India *73 rd and 74 th Amendments and their implementation</p> <p>No. of Periods: 10</p> <p>Month: November</p>	<p>The students will be able to:-</p> <p>*Identify Panchayati Raj system of local government in India, it's emergence and significance</p> <p>*Write article on the significance of 73rd and 74th constitutional amendments.</p> <p>*Examine challenges faced by local government bodies</p>	<p>Surveys Article Debate Check list PPT(Local self-governing bodies)</p>	<p>Methods ICT Lecture Researching Designing rubric Problem solving Collaborative Experiential Activity Classroom debate on (current events in Indian states)</p>	<p>Rubrics for debate/PPT Sample of check list Article writing</p>	<p>Skills Critical thinking Inquiry and analysis Communication Lecture (content) comprehension Problem solving Management skills</p>	<p>Performing Art</p> <p>Presentation on 73ed and 74th amendments</p>
<p>Topic: Citizenship</p> <p>Sub-topics : *Full and equal</p>	<p>The students will be able to:-</p> <p>*Analyze the concept of global</p>	<p>Check list</p> <p>Peer assessment</p>	<p>Methods Lecture Discussion Peer assessing Reflective inquiry</p>	<p>Sample of check list</p> <p>Peer assessment</p>	<p>_management skills _Problem solving _Team building _Self confidence</p>	Performing arts

membership *Equal Rights p *Citizen and Nation *Universal citizenship *Global Citizenship No. of Periods:12 Month: December	citizenship. *Evaluate the probable solutions or alternatives to solve citizenship issue. *Explain citizenship as full and equal membership of a political community	sheet	ICT Question answer method Activity Making portfolio	sheet (inquiry and analysis)	(Languages, International politics)	Article writing
Topic:- Nationalism Sub-topics:- *Introducing Nationalism *Nations and Nationalism *National self - determination *Nationalism and pluralism No. of Periods: 15 Month: January	The students will be able to:- *Assess the strengths and limitations of nationalism *Identify and bulid an understanding on the factors related to creation of collective identities *Evaluate the Indian Constitution has an elaborate set of provision of religious linguistic and cultural minorities	Note book Peer assessment Quiz	Methods Inquiry Using information media ICT Lecture Activity Debate Question and answers Collaborative (group task)	Rubric for note book Peer assessment (observation, journals)	Skills Self awareness Inter personal Social Tolerance Flexibility Critical thinking Creativity	Performing art Experiential learning (dance or street play based on nationalism)
Topic :Secularism Sub-topics :	The students will be able to:- *appreciate secularism in a	Reflective inquiry	Methods Questioning	Reflective sheet (High order thinking questions	Skills Information literacy Leadership skills	

*Meaning of secularism and secular state (Inter-religious Domination Intra religious Domination) *Western model of secularism *Indian model of secularism *Criticisms and rationale of Indian secularism No. of Periods: 12 Month: January	democratic society like India *Differentiate between inter-religious and intra - religious domination *criticize of Indian secularism (antireligious, minorities, western import) *compare western and Indian model of secularism *make an appraisal of Indian secularism	Role play	Lecture Discussion Dramatization ICT Activity Role play Experiential learning	Connectional test) Role play	Initiative Collaborative skills	Role play Performing art
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सेंट पॉल को एडस्कूल आनंदनगर भोपाल
वार्षिक पाठ्यचर्या एवं शैक्षिक योजना

कक्षा : XI

विषय : हिंदी

शीर्षक (विषय) कालखंड की संख्या : कब	सीखने के परिणाम	मूल्यांकन उपकरण	शिक्षण सीखने की रणनीतियाँ और गतिविधियाँ	संसाधन	अंतर अनुशासनात्मक / बहु अनुशासनात्मक	कला एकीकरण खेल एकीकरण
पाठ्यपुस्तक आरोह (काव्यखंड) से पाठ - 1 शीर्षक - हम तौ एक - एक करि जानां .. कालखंडों की संख्या- 4 माह - जून	1 भाव विश्लेषण 2 चिंतन क्षमता तथा अर्थ ग्रहण की क्षमता का विकास 3 .मानवीय मूल्यों के आधार पर स्वयं का तथा दूसरों का आँकलन	1. समकक्ष का आँकलन शीट 2. पुस्तिका	चिंतन आधारित पृच्छाछा संकल्पना का निर्माण गतिविधि - प्रस्तुतिकरण - (पद गायन)	1. समकक्ष का आँकलन शीट कान मूना 2. पुस्तिका	जीवन मूल्य - 1 मानवीय मूल्यों के प्रति आस्था 2 धार्मिक सौहार्द्र के महत्व का ज्ञान 3. भौतिक सुखों की लालसा की निरर्थकता का बोध समाहित विषय - 1 दर्शन 2 हस्तशिल्प 3 रसायन 4 संगीत	मधुबनी शैली में कबीरदास जी के जीवन प्रसंगों पर आधारित चित्र
पाठ्यपुस्तक आरोह (गद्यखंड) से पाठ - 1 शीर्षक - नमक का दारो गा	1 संवाद कौशल का विकास 2 कहानी लेखन के सूक्ष्म बिंदुओं का ज्ञान 3 चिंतन क्षमता तथा तर्कशक्ति का विकास 4 नैतिक मूल्यों की पहचान	1 .आलेख 2. अवधारणान कक्षा	शिक्षण सीखने की रणनीति 1 व्याख्यान विधि 2 प्रश्नोत्तर विधि गतिविधि	अवधारणा संकल्पना मानचित्र कान मूना	जीवन मूल्य - 1 सत्यनिष्ठा, कर्तव्यनिष्ठा तथा ईमानदारी के महत्व का ज्ञान 2 .साहस तथा निर्भीकता का विकास	

उपविषय - जनसंचारमा ध्यम कालखंडोंकीसं ख्या - 8			1 शोधकार्य 2 समकक्षका आँक लन		समाहितविषय - 1 समाजशास्त्र	
पाठ -2 मियाँनसीरु ददीन उपविषय - साक्षात्कार कालखंडोंकीसं ख्या - 5 माह - जून	1.साक्षात्कारविधाकाज्ञान 2. विभिन्नव्यवसायोंसेमेंप्रयुक्तहोने वालेशब्दोंकीपहचान	1पोर्टफो लियो 2 .प्रतिबि म्बशीट	आगमननिगम नविधि 1 व्याख्यानविधि गतिविधि - 1 श्रव्यभाषायी 2 इंफॉर्मेशनमीडि याकाउपयोग	पोर्टफोलियो कानमूना	जीवनमूल्य - 1 कर्मकेप्रतिसमर्पण 2 अपनेव्यवसायकेप्रति एककला कारकीदृष्टितथानिष्ठाकेभाव का 3 वाक्पटुतातथास्पष्टवादिताके गुणकाविकास समाहितविषय 1 पाककला 2 अर्थशास्त्र 3 समाजशास्त्र	
पाठ्यपुस्तक आरोह (काव्यखंड) से पाठ -2 शीर्षक - मेरेतो गिरधर गोपाल उपविषय - भक्तिकालीन	1 काव्य - बोध , अभिव्यक्तिकौशलतथाअर्थग्रहण कीक्षमताकाविकास 2 .ब्रजतथाराजस्थानीभाषाकेनवीनश ब्दोंकाज्ञानहोगा 3 रस, छंद, अलंकारकीपहचानहोगी	1 .रूब्रिकके लिएपरि योजना 2 .समकक्ष का आँक लनशीट	व्याख्यानविधि 1 चिंतनशीलपूछ ताछ गतिविधि - 1 शोधकार्य 2 प्रस्तुतिकरण	1 .परियोजना केलिएरूब्रिक 2 .समकक्षका आँकलनशीट	जीवनमूल्य - 1 निष्कामभक्ति 2 साहस 3 संबंधोंकेप्रति एकनिष्ठा समाहित विषय - 1 समाजशास्त्र 2 दर्शनशास्त्र 3 वनस्पतिविज्ञान	बिहारकेभक्तकविऔर उनकीरचनाओंकाको लाज

काव्य कालखंडोंकीसं ख्या - 4 माह - जुलाई						
पाठ्यपुस्तक आरोह (गद्यखंड) से पाठ - 3 शीर्षक - अपूकेसाथढाई साल उपविषय - हिंदीसिनेमाका इतिहास कालखंडोंकीसं ख्या - 7 माह - जुलाई	1 .सिनेजगतमेंप्रयुक्तहोनेवालीतकनी कीशब्दावलीकीपहचानहोगी 2 .अभिव्यक्तिमेंमौलिकताएवंजीवन मूल्योंकीपहचानहोगी	1पोर्टफो लियो 2 .पुस्तिका	शिक्षणकीरणनी ति - 1 व्याख्यानविधि 2 चिंतनशीलपूछ ताछ गतिविधि - 1 शोधकार्य- 2 हिंदीसिनेमाका इतिहास 3 इंफॉर्मेशनमीडि याकाउपयोग	1. पोर्ट फो लि यो 2. जाँच सूची कान मूना	जीवनमूल्य - 1 धैर्य ,कलाप्रेम, कर्मकेप्रतिसमर्पण समाहित विषय - 1 समाजशास्त्र 2 अर्थशास्त्र 3 राजनीतिशास्त्र	
पाठ्यपुस्तक वितानसे पाठ - 1 शीर्षक - भारतीयगायि काओंमेंबेजोड़ लतामंगेशकर उपविषय -	.शास्त्रीयसंगीतएवंचित्रपटसंगीतमें अंतरकोपहचानना 2 .संगीतमेंप्रयुक्तहोनेवालीशब्द - संपदाकाज्ञान	1 प्रतिबि म्बशीट 2 जिंगल	शिक्षणकीरणनी ति - 1 अनुभवजन्यअ धिगम गतिविधि - 2 श्रव्य – भाषायी	1 प्रतिबिम्बशी ट कानमूना 2 जिंगलका नमूना	जीवनमूल्य - 1 कलाकेप्रतिसमर्पण, स्वभावमेंकोमलतातथानिर्मल ताकेमहत्वकाज्ञान समाहितविषय - 1 संगीत 2 चित्रकला	

रेडियोकाइति हास कालखंडोंकीसं ख्या - 5 माह - जुलाई			3 इंफॉर्मेशनमीडि याकाउपयोग			
पाठ्यपुस्तक आरोह (काव्यखंड) से पाठ - 5 शीर्षक - घरकीयाद उपविषय - डायरीलेखन कालखंडोंकीसं ख्या - 7 माह - जुलाई	1.सस्वरकाव्यपाठकाज्ञानहोगा 2 .काव्यसौंदर्यकेतत्वोंकीपहचानहोगी 3 .भावविश्लेषणकीक्षमताकाविकास	1.समक क्षकाऑ कलनशी ट 2.पुस्त का	शिक्षणकीरणनी ति 1 व्याख्यानविधि 2 चिंतनशीलपूछ ताछ गतिविधि - 1 शोधकार्य 2 स्वतंत्रताआन्दो लनमेंपत्रकारों कीभूमिका	1.समकक्षका ऑकलनशीट का नमूना	जीवनमूल्य - 1 देशप्रेम, पारिवारिकसंबंधोंकामहत्व, साहसतथानिर्भीकता . समाहितविषय 1 इतिहास 2 राजनीतिशास्त्र	
पाठ्यपुस्तक आरोह (गद्यखंड) से पाठ - 4 शीर्षक - विदाईसंभाषण उपविषय - समाचारपत्रका इतिहास कालखंडोंकीसं	स्वातंत्र्ययुगीनहिन्दीसाहित्यमेंप्रयु क्तहोनेवालीहिन्दीएवंवर्तमानहि न्दीकेस्वरूपमेंअंतरपहचानना। 2.अभिव्यक्तिकौशल 3.समाचारपत्रकाविकास	1 चेकलि स्ट 2 आलेख	व्याख्यानविधि 1 चिंतनशीलपूछ ताछ गतिविधि - 1 पोर्टफोलियो (लॉर्डकर्जनका निरंकुशशासन)	1 चेकलिस्ट का नमूना 2 आलेख का नमूना	जीवनमूल्य - 1 देशप्रेमतथानैतिकमूल्योंकेप्र तिआस्था समाहितविषय 1 इतिहास 2 राजनीतिशास्त्र 3 समाजशास्त्र 4 अर्थशास्त्र	

ख्या - 6 माह - अगस्त						
पाठ्यपुस्तक आरोह (गद्यखंड) से पाठ - 5 शीर्षक - गलतालोहा उपविषय - आधुनिककथा साहित्य कालखंडोंकीसं ख्या - 6 माह - सितंबर	1 सहयोगात्मककौशलकाविकास 2 न्यायसंगतव्यवहारकीपहचान 3 स्वयंकातथासमकक्षलोगोंकाआँकल न 4 .व्यवसायविशेषसेसंबंधितशब्दाव लीकाज्ञान	1अवधार णानकशा 2पोर्टफो लियो	शिक्षणकीरणनी ति 1 व्याख्यानतथाप्र श्नोत्तरविधि 2 चिंतनआधारित पूछताछ गतिविधि - 1 समस्या - समाधान (ग्रामीणक्षेत्रोंमें अच्छेविद्याल योंकाअभाव)	1 अवधारणान कशा का नमूना 2 पोर्टफोलियो का नमूना	जीवनमूल्य - 1 जीवनकोजाननेकाप्रयास 2 अन्यायकेविरुद्धआवाज़उठा नेकासाहसविकसितकरना समाहितविषय 1 समाजशास्त्र 2 अर्थशास्त्र	
पाठ्यपुस्तक आरोह (काव्यखंड) से पाठ - 6 शीर्षक - चम्पाकालेका लेअच्छरनहीं चीन्हती उपविषय -	1.क्षेत्रीयभाषाकेशब्दोंकाज्ञानहोगा 2 .काव्यकौशलतथाभाव - विश्लेषणक्षमताकाविकासहोगा।	1 .रूब्रिकके लिएपरि योजना 2 .समकक्ष काआँक लनशीट	1 शिक्षणकीरणनी ति 2 व्याख्यानविधि 3 चिंतनशीलपूछ ताछ गतिविधि - 1 शोधकार्य	1 परियोजना केलिएरूब्रिक 2 समकक्षकाआँ कलनशीट का नमूना	जीवनमूल्य - 1 शिक्षाकेमहत्वकाज्ञान 2 साहसतथानिर्भीकताकेगुणका विकास पारिवारिकमूल्योंकेप्रतिआ स्था समाहित विषय - 1 समाजशास्त्र 2 अर्थशास्त्र	

पत्रलेखन कालखंडोंकीसं ख्या - 5 माह - सितंबर						
पाठ्यपुस्तक आरोह (गद्यखंड) से पाठ - 6 शीर्षक - रजनी उपविषय - पटकथालेखन कालखंडोंकीसं ख्या - 6 माह - सितंबर	1 पटकथालेखनकेसूक्ष्मबिंदुओंकाज्ञा नहोगा 2 .भाषामेंकोडमिक्संगतथाकोडस्वि चिंगकीपहचानहोगी	चेकलि स्ट	1 शिक्षणकीरणनी ति- 2 चिंतनआधारित पूछताछ 3 व्याख्यानविधि गतिविधि 1 प्रस्तुतिकरण (अभिनय)	चेकलिस्ट का नमूना	जीवनमूल्य - 1 सामामाजिकसमस्याओंकेविरु द्धनिर्भीकअभिव्यक्ति 2 अन्यायकाविरोधकरनेकासाह सजागृतकरना समाहित विषय - 1 समाजशास्त्र 2 अर्थशास्त्र	
पाठ्यपुस्तक आरोहकेकाव्य खंडसे पाठ -7 शीर्षक - गज़ल कालखंडोंकीसं ख्या - 4 माह - नवंबर	1 .हिन्दीभाषामेंगज़लपरंपराकाज्ञान होगातथागज़लकीपहचानहोगी। 2 रस ,छंद ,अलंकारकीपहचानहोगी। 3 जीवनमूल्योंकाज्ञानहोगा।	1अवधार णानक्शा 2पोर्टफो लियो	1 शिक्षणकीरणनी ति 2 व्याख्यानविधि 3 चिंतनशीलपूछ ताछ गतिविधि -	1 अवधारणान क्शा का नमूना 2 पोर्टफोलियो का नमूना	जीवनमूल्य - 1 अन्यायकाविरोधकरनेकासाह सजागृतकरना समाहित विषय - 1 समाजशास्त्र 2 अर्थशास्त्र 3 राजनीतिशास्त्र	

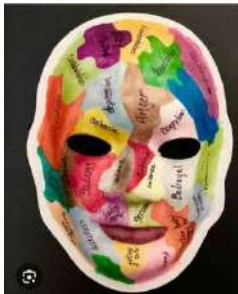
<p>पाठ्यपुस्तक वितानसे पाठ - 2 शीर्षक - राजस्थानकीर जतबूँदे उपविषय - औपचारिकपत्र लेखन कालखंडोंकीसं ख्या - 5 माह - नवंबर</p>	<p>1 .कुईनिर्माणसेसंबंधिततकनीकीश ब्दावलीकीपहचानहोगी। 2 जलसंरक्षणकीविभिन्नविधियोंतथा महत्वकाज्ञानहोगा।</p>	<p>1अवधार णानकशा 2समक क्षकाओं कलनशी ट</p>	<p>1 शिक्षणकीरणनी ति 2 व्याख्यानविधि व्यवहारिक गतिविधि - 1 समस्यासमाधा न (जलसंकट)</p>	<p>1 अवधारणान कशा का नमूना 2 समकक्षकाओं कलनशीट का नमूना</p>	<p>जीवनमूल्य - 1 जलसंरक्षणकेमहत्वकाबोध 2 पर्यावरणसंरक्षणकेप्रतिजागरू कताकाविकास समाहित विषय - 1 समाजशास्त्र 2 अर्थशास्त्र 3 पर्यावरण</p>	<p>1 कुई काप्रतिरूप (मॉडल) 2 भोजपुरीभाषामेंप्रतिरू पकावर्णन</p>
<p>पाठ्यपुस्तक आरोह (गद्यखंड) से पाठ - 8 शीर्षक - जामुनकापेड़ उपविषय - व्यंग्यलेखन कालखंडोंकीसं ख्या - 6 माह - सितंबर</p>	<p>1 व्यंग्यलेखनशैलीकीपहचानहोगी। 2 मानवीयमूल्योंकेआधारपरसमकक्ष कामूल्यांकनकरनासीखेंगे</p>	<p>1 चेकलि स्ट 2 आलेख</p>	<p>शिक्षणरणनीति - 1 विश्लेषणात्मक विधितथाप्रश्नो त्तरविधि गतिविधि - 2 समसामयिकवि षयपरव्यंग्यले खन</p>	<p>1 चेकलिस्ट का नमूना 2 आलेख का नमूना</p>	<p>जीवनमूल्य - 1 उदारतासंवेदनशीलता .कर्तव्यबोधआदिभावोंकावि कास समाहितविषय - 1 समाजशास्त्र 2 पर्यावरण 3 चिकित्साविज्ञान</p>	

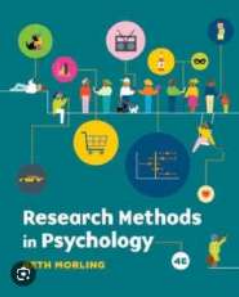
पाठ्यपुस्तक आरोह (काव्यखंड) से पाठ - 8 शीर्षक - हेभूख !मतमचल कालखंडोंकीसं ख्या - 3 माह - नवंबर	1 कन्नड़काव्यसाहित्यकीपहचान 2 .काव्यकौशलतथाभाव - विश्लेषणक्षमताकाविकास	1 प्रतिबि म्बशीट 2 जिंगल	शिक्षणरणनीति 1 अनुभवजन्यअ धिगम गतिविधि 2 समस्यासमाधा न (इंद्रियोंकोअप नामित्रकैसेबना एँ)	1 प्रतिबिम्बशी ट का नमूना 2 जिंगल शीट का नमूना	जीवनमूल्य - 1 लक्ष्यप्राप्तिहेतुइंद्रियनिग्रहके महत्वकाज्ञान 2 मानवजीवनकेउद्देश्यकाज्ञान 3 साहसऔरनिर्भीकताजैसेमान वीयगुणाकाविकास समाहितविषय 1 दर्शनशास्त्र 2 मनोविज्ञान	
पाठ्यपुस्तक आरोह (गद्यखंड) से पाठ - 9 शीर्षक - भारतमाता उपविषय - कोश : एकपरिचय कालखंडोंकीसं ख्या - 6 माह - नवंबर	1 लेखलेखनकला ,शब्दसंपदातथाअभिव्यक्तिकौशल काविकास 2 शब्दकोशकाज्ञान शब्दकोश ,संदर्भग्रंथ,साहित्यकोश, चरित्रकोश तथाविश्वज्ञानकोशमेंनिहितअंतर कीपहचानहोगी।	1आलेख 2 पुस्तिका	शिक्षणरणनीति 1 संश्लेषणात्मक विधि गतिविधि 1 आलेखलेखन 2 जिंगल (शब्दकोशकेनि यमोंपरआधारि त)	1 आलेख का नमूना 2 पुस्तिका का नमूना	जीवनमूल्य - 1 राष्ट्रप्रेम , सामाजिकउत्तरदायित्वकाबोध 2 अधिकारोंकेप्रतिजागरूकता समाहितविषय 1 समाजशास्त्रपर्यावरण 2 राजनीतिशास्त्रभूगोल	बिहारकेस्वतंत्रतासेना नियोंकेबलिदानपरआ धारितमूकअभिनय


पाठ्यपुस्तक आरोह (काव्यखंड) से पाठ - 8 शीर्षक - सबसेखतरना क कालखंडोंकीसं ख्या - 5 माह - दिसंबर	1.पंजाबीकाव्यकीविषयवस्तु ,भावगांभीर्यतथाविचारप्रधानकवि ताकीपहचान	1 रुब्रिकके लिएपरि योजना 2 आलेख	शिक्षणरणनीति 1 आगमनात्मक तथानिगमना त्मकविधि गतिविधि 1 पंजाबीकाव्यसा हित्यमेंसामाजि कचेतना	आलेख का नमूना परियोजना केलिएरुब्रिक	जीवनमूल्य - 1 अन्यायकेविरुद्धआवाजउठा नेकासाहस,संवेदनशीलतातथा जीवनकेसत्यकीपहचान समाहितविषय 1 समाजशास्त्ररसायनशास्त्र 2 भूगोल	
पाठ्यपुस्तक आरोह (काव्यखंड) से पाठ- 10 शीर्षक - आओ, मिलकरबचाएँ . उपविषय - स्ववृत्तलेखन कालखंडोंकीसं ख्या - 6 माह - दिसंबर	1 संथालीकवितासेपरिचय 2 सामाजिकमूल्योंकेप्रतिगंभीरतात थाअर्थग्रहणकीक्षमताकाविकास 3 2 .काव्यसौंदर्यकेतत्वोंकीपहचानहोगी 3 .भावविश्लेषणकीक्षमताकाविकास, स्ववृत्तलेखनकाज्ञान	1. अवधार णानकशा 2 .कविता लेखन	शिक्षणरणनीति 1 दृष्टांतविधि 2 प्रश्नोत्तरविधि गतिविधि 1 श्रव्य - भाषायी 2 जीवनमूल्योंके आधारपरसमक क्षकाऑकलन	1 अवधारणान कशा का नमूना 2 कवितालेखन का नमूना	जीवनमूल्य - 1 पर्यावरण,भाषातथासांस्कृति कविरासतकेसंरक्षणकाभाववि कसितकरना 2 समाहितविषय - भूगोल,समाजशास्त्र पर्यावरण	

पाठ्यपुस्तक वितानसे पाठ - 2 शीर्षक - भारतीयकलाएँ कालखंडोंकीसं ख्या - 5 माह - दिसंबर	1 भारतीयकलाओंकेइतिहासकाज्ञान 2 लेखलिखनाएवंप्रस्तुतियोंबनाना	1पोर्टफो लियो 2 .पुस्तिका	शिक्षणरणनीति 1 विश्लेषणात्मक विधितथाप्रश्नो त्तरविधि गतिविधि - 2 'बिहारकीलोक कला'विषयपर आलेखलेखन	1 पोर्टफोलियो का नमूना 2 पुस्तिका का नमूना	जीवनमूल्य - 1 भारतीयकलाओंतथाकलाकारों केप्रतिसम्मानकाभावविकसि तकरना 2 समाजशास्त्र 3 संगीततथाविभिन्नकलाएँ	
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Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Interdisciplinary/ Multidisciplinary	Art Integration or Sports Integration
No. of Periods :	<div> Ev er yd ay Lif e </div>					
When:						


<p>UNIT 1</p> <p>Topic: What is Psychology?</p> <p>Sub-topics:</p> <ol style="list-style-type: none"> 1. What is Psychology? 2. Understanding Mind and Behaviour 3. Popular Notions about the Discipline of Psychology 4. Evolution of Psychology 5. Development of Psychology in India 6. Branches of Psychology 7. Psychology and Other Disciplines 9. Psychology in Everyday Life. <p>Weightage: 11</p> <p>No. of Periods: 27</p> <p>Month: June</p>	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Explain <ol style="list-style-type: none"> a. Evolutionary Psychology b. Cultural Psychology c. Positive psychology 2. Distinguish between Clinical psychology and Counseling. 3. Describe humanistic perspectives of human behavior. 	<ol style="list-style-type: none"> 1. Peer Assessment sheet 2. MCQ sheets. 	<p>Approach:</p> <ol style="list-style-type: none"> 1. Experiential 2. Collaborative. <p>Activities and strategies:</p> <ol style="list-style-type: none"> 1. Making of concept map 2. Presenting positive psychology in the group. 	<p>1. Sample of peer Assessment sheet.</p> <p>2. Designing MCQ sheets.</p> <p>3. Presenting peer assessment sheet.</p>	<p>Life skills:</p> <ol style="list-style-type: none"> 1. Collaborative approach. 2. Communication <p>Subjects involved:</p> <ol style="list-style-type: none"> 1. Humanities 2. Social Science. 	<p>1. 3D Mask making.</p> 
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<p>UNIT 2</p> <p>Topic: Methods of Enquiry in Psychology</p> <p>Sub-topics:</p> <p>1. Goals of Psychological Enquiry</p> <p>2. Nature of Psychological Data</p> <p>3. Some Important Methods in Psychology</p> <p>Observational Method</p> <p>Experimental Method</p> <p>Correlational Research</p> <p>Survey Research</p> <p>Psychological Testing</p> <p>Case Study</p> <p>4. Analysis of Data</p> <p>Quantitative Method</p> <p>Qualitative Method</p> <p>5. Limitations of Psychological Enquiry</p> <p>6. Ethical Issues</p> <p>Weightage: 13</p>	<p>Students will be able to</p> <p>1. Develop collaborative skills while designing checklist of important Methods in Psychology.</p> <p>2. Identify goals of Psychological inquiry.</p>	<p>1. Concept map on Psychological inquiry.</p> <p>2. Reflection sheet on important Methods in Psychology.</p>	<p>Approach:</p> <p>1. Reflective inquiry based on Psychological inquiry.</p> <p>2. Behavioral approach.</p> <p>Activities and strategies:</p> <p>1. Making concept map</p> <p>2. Presenting important methods of psychology</p>	<p>1. Sample of concept map.</p> <p>2. Sample of checklist.</p>	<p>Life skills:</p> <p>1. Communication</p> <p>2. Problem solving.</p> <p>Subjects involved:</p> <p>1. Research</p> <p>2. Social Science</p>	<p>Chart making on different methods of Research.</p> 
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<p>UNIT 4</p> <p>Topic: Human Development</p> <p>Sub-topics:</p> <p>1. Meaning of Development</p> <p>2. Factors Influencing Development</p> <p>3. Context of Development</p> <p>4. Overview of Developmental Stages</p> <p>Weightage: 11</p> <p>No. of Periods: 26</p> <p>Month: August - September</p>	<p>Students will be able to</p> <p>1. Identify the developmental stages of life and challenges.</p> <p>2. Develop collaborative skills by making a checklist of factors influencing development.</p>	<p>1. Checklist</p> <p>2. Peer Assessment.</p>	<p>Approach:</p> <p>1. Reflective inquiry</p> <p>2. Collaborative approach.</p> <p>Activities and strategies:</p> <p>1. Presentation.</p> <p>2. Peer Assessment</p>	<p>1. Sample of checklist.</p> <p>2. Peer Assessment sheet.</p>	<p>Life Skills:</p> <p>1. Communication</p> <p>2. Collaborative</p> <p>Subjects involved:</p> <p>1. English</p> <p>2. Social Science.</p>	<p>Visual: Chart making</p> 
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<p>UNIT 5</p> <p>Topic: Sensory, Attentional and Perceptual Processes</p> <p>Sub-topics :</p> <ol style="list-style-type: none"> 1. Knowing the world 2. Nature and varieties of Stimulus 3. Sense Modalities: Functional limitation of sense organs 4. Attentional Processes 5. Perceptual Processes 6. The Perceiver 7. Principles of Perceptual Organisation 8. Perception of Space, Depth and Distance 9. Perceptual Constancies 10. Illusions 11. Socio-Cultural Influences on Perception <p>Weightage: 8</p> <p>No. of Periods: 18</p>	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Develop collaborative approach. 2. Assess themselves and peers on nature and varieties of stimulus. 	<ol style="list-style-type: none"> 1. Peer Assessment sheet. 2. Reflection sheet. 	<p>Approach:</p> <ol style="list-style-type: none"> 1. Collaborative approach on finding out varieties of stimulus 2. Behavioral. <p>Activities and strategies:</p> <ol style="list-style-type: none"> 1. Peer Assessment 2. Problem solving. 	<ol style="list-style-type: none"> 1. Sample of concept map 2. Peer assessment sheet 	<p>Life Skills:</p> <ol style="list-style-type: none"> 1. Collaboration 2. Problem solving 3. Communication <p>Subjects involved:</p> <ol style="list-style-type: none"> 1. Humanities 2. Social studies 3. Science 	<p>Art integration</p> <p>3D - Illusion</p> 
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<p>UNIT 6</p> <p>Topic: Learning</p> <p>Sub-topics:</p> <ol style="list-style-type: none"> 1. Nature of Learning 2. Paradigms of Learning 3. Classical Conditioning 4. Operant/Instrumental Conditioning 5. Observational Learning 6. Cognitive Learning 7. Verbal Learning 8. Skill Learning 9. Factors Facilitating Learning 10. Learning Disabilities <p>Weightage: 9</p> <p>No. of Periods: 20</p> <p>Month: September - October</p>	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Identify nature of learning 2. Analyse paradigms of learning 3. Develop collaborative skills based on classical conditioning 	<ol style="list-style-type: none"> 1. Note book 2. Checklist 3. Peer assessment sheet 	<p>Approach:</p> <ol style="list-style-type: none"> 1. Behavioral 2. Collaborative <p>Activities and strategies:</p> <ol style="list-style-type: none"> 1. Researching on skill learning 2. Peer assessing 3. Using information media 	<ol style="list-style-type: none"> 1. Peer assessment sheet 2. Sample of checklist on skill learning 	<p>Life Skills:</p> <ol style="list-style-type: none"> 1. Collaborative 2. Communication 3. Critical thinking 4. Decision making <p>Subjects involved:</p> <ol style="list-style-type: none"> 1. Science 2. Mathematics 	<p>Visual: Chart on classical conditioning</p> 
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<p>UNIT 7</p> <p>Topic: Human Memory</p> <p>Sub-topics:</p> <ol style="list-style-type: none"> 1. Nature of memory 2. Information Processing <p>Approach: The Stage Model</p> <ol style="list-style-type: none"> 3. Memory Systems: Sensory, Short-term and Long-term Memories 4. Levels of Processing 5. Types of Long-term Memory 6. Nature and Causes of Forgetting 7. Enhancing Memory <p>Weightage: 8</p> <p>No. of Periods: 19</p> <p>Month: October</p>	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Identify declarative memory and procedural memory 2. Differentiate between long term memory and short term memory 3. Assess themselves and peers' episodic memory and semantic memory 	<ol style="list-style-type: none"> 1. Peer assessment sheet 2. Reflection sheet 	<p>Approach:</p> <ol style="list-style-type: none"> 1. Behavioral 2. Collaborative 3. Experiential <p>Activities and strategies:</p> <ol style="list-style-type: none"> 1. Researching on memory systems 2. Peer assessing 3. Presenting on levels of processing 	<ol style="list-style-type: none"> 1. Peer assessment sheet 2. Sample of checklist on nature of memory 	<p>Life Skills:</p> <ol style="list-style-type: none"> 1. Interpersonal skills 2. Communication 3. Decision making <p>Subjects involved:</p> <ol style="list-style-type: none"> 1. Science 2. Mathematics 	<p>Sports: Rare games</p>  <p>The image shows a 'Math Facts Memory Game' board. It is a 4x4 grid of colored squares (green, blue, yellow). Some squares contain numbers (10, 5, 2, 4+1, 1+4, 9+1, 1+9, 5-1) and others contain math problems. A red circular stamp with the word 'FREE' is visible on the right side of the board.</p>
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<p>UNIT 8</p> <p>Topic: Thinking</p> <p>Subtopics:</p> <ol style="list-style-type: none"> 1. Nature of Thinking 2. The Processes of Thinking 3. Problem Solving 4. Reasoning 5. Decision-making 6. Nature and Process of Creative Thinking 7. Thought and Language 8. Development of Language and Language Use <p>Weightage: 5</p> <p>No. of Periods: 14</p> <p>Month: November</p>	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Identify barriers to creative thinking 2. Strategies to enhance memory 3. Evaluate their language skills 	<ol style="list-style-type: none"> 1. Peer assessment sheet 2. Reflection sheet 	<p>Approach:</p> <ol style="list-style-type: none"> 1. Behavioral 2. Collaborative 3. Experiential <p>Activities and strategies:</p> <ol style="list-style-type: none"> 1. Researching language acquired in human beings 2. Peer assessing on thought process in human beings 	<ol style="list-style-type: none"> 1. Peer assessment sheet 2. Sample of checklist on processes of thinking. 	<p>Life Skills:</p> <ol style="list-style-type: none"> 1. Social skills 2. Productivity 3. Communication or Resilience <p>Subjects involved:</p> <ol style="list-style-type: none"> 1. English 2. Science 	<p>Visual: Chart on Critical Thinking</p> 
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<p>UNIT 9</p> <p>Topic: Motivation and Emotion</p> <p>Sub topics :</p> <ol style="list-style-type: none"> 1. Nature of Motivation 2. Types of Motives 3. Maslow's Hierarchy of Needs 4. Nature of Emotions 5. Expression of Emotions 6. Managing Negative Emotions 7. Enhancing Positive Emotions. <p>Weightage: 5</p> <p>No. of Periods: 14</p> <p>Month: November.</p>	<p>Students will be able to</p> <ol style="list-style-type: none"> 1. Identify the biological basis of hunger and thirst needs 2. Design and advertisement of their start-up business (motivational) 	<ol style="list-style-type: none"> 1. Checklist 2. Reflection sheet on how to manage negative emotions. 	<p>Approach:</p> <ol style="list-style-type: none"> 1. Reflective enquiry based 2. Behavioral - Life experience on different types of emotions <p>Activities and strategies:</p> <ol style="list-style-type: none"> 1. Problem solving 2. Using information media 3. Designing advertisements using multiple mediums 	<ol style="list-style-type: none"> 1. Sample of checklist on biological needs. 2. Reflection sheet on theories of the hierarchy of needs. 	<p>Life Skills:</p> <ol style="list-style-type: none"> 1. Problem solving 2. Decision making 3. Communication or Resilience <p>Subjects involved:</p> <ol style="list-style-type: none"> 1. Biology 2. Humanities 	<p>3D model of Maslow's hierarchy of need</p> 
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ST. PAUL’S CO-ED SCHOOL, BHOPAL
Annual Curriculum aPedagogical Plan

Class : _11_____

__PSYCHOLOGY_____

Subject:

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Class : - 11**Subject: Economics**

Topic	Learning outcome	Assessment Tools	Teaching Learning Strategies/Activities	Resource	Multi Disciplinary/Inter disciplinary	Art Integration or Sports integration
Introduction Sub Topic: a) Meaning of Economics Differentiate between Micro Economics and Macro Economics Number of periods 4 – (April)	Students will be able to explain what Economics is and explain Why it is important?	Notebooks	Peer Assessing	Peer Assessment sheet	Subjects involved Economics, Business studies. Life skills- Analytical Thinking skills	Visual
Topic: Consumers Equilibrium SubTopic : Demand Number of periods - 15(July)	Students will be able to determine equilibrium price and quantity for a market both graphically and mathematically	Rubrics (addressing situations related to demand and supply.	Collaborative/Peer Assessing (to measure ordinal and cardinal which help to explain consumer choice.	Peer Assessment Sheet Sample of marginal utility.	Subjects involved- Economics and Business studies Skills - employability skill (Consumer Behaviour and Analysis of Demand)	Visual
Topic - Producer Behaviour and Supply Sub- Meaning of Production function Number of periods 15 (August)	Students will be able to maximisation of output at a given cost.	Notebook (Discussion about production cost revenue equilibrium)	Peer Assessing (Note books – candidates can plan their strategy for particular weaker section of the	Peer Assessment sheet Survey	Subjects Involved Economics, Business studies Accountancy Skills-social skills (Communication Skills-Team	3D model of textile industry

		m for firms.	subject.		spirit)	
Topic- Forms of market and Price Determination under perfect competition with simple applications (September,October and November)	Students will analyse that price is determined by total demand and total supply,yet the business motive of all the firms under perfect competition is profit maximisation	Peer Assessment sheet	Reflective inquiry based Audio based Peer Assessing	Peer Assessment sheet.	Subjects involved- Economics,Business studies and Accountancy Communication skills -Team Spirit	3 D(Model of monopoly Monopolistic competition ,Oligopoly)
Topic: Introduction Statistics for Economics Sub Topic:Meaning Importance ,Scope,Functions Number of periods-10 Month-April	Students will be able to analyse and interpret the economic information	Rubrics Notebook Preparatory of checklist	Audio linguistic Reflective inquiry	Rubrics Notebook Sample of checklist	Subject involved- Business studies. Accountancy Skill - Communication, and Decision making	Visual/(flowchart)
Topic:Collection,Organisation and Presentation of data Subtopic;Methods of collection of data ,Census,NSSO Number of periods:30 Month:July,August	Students will be able to enhance their professional profile by showcasing top notch presentation skills that set them apart in their field.	Peer Assessment (a)Survey (b)Maps	Peer Assessing	Peer Assessment Sheet- Survey Interviews Observations Focus group Experiment	Statistics is related to Business studies Accountancy. Skills- Communication Skills, Decision Making	3D (NSSO, Census of India.)
Topic: Statistical tools and interpretation of data.	Students will be able to	Parameter test,	Reflective inquiry.	Peer Assessment	Life skills Subject involved –	Visual

Sub topic: Central tendency, Co-relation, Index number No. of period: 50 Month: Sept, Oct, Nov.	compare two groups testing relationship between two variables.	Analysis of ANOVA.	(Descriptive statistics ANOVA correlation and analysis.)	t sheet: Statistic tools – Mean, meadian	Economics, Business studies, Accountancy	
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class : XI

Subject: _English

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						

Topic : prose	The students will be able to identify the sacrifices and support	1. Note Book: 2. Checklist.	Approach:	1. Sample of Rubric for Notebook 2. Sample of Checklist	Life Skill	Performing Art
The Portrait ..			1. Reflective enquiry based method. 2. Explanatory method		1. Collaborative	(Role Play of Grandmother)
Sub-topics :	given by the grandparents in the family.		Activities		2. Critical Thinking	Chart of Pet Animals.
No. of Periods:			1. Article writing 2. Letter to Grandmother		3. Problem Solving	
6						
Month: june						

<p>Topic :</p> <p>The Summer of the Beautiful White Horse.</p> <p>Sub topic:</p> <p>No. of Periods: 6</p> <p>Month: June</p>	<p>The students will be able to</p> <p>i) develop values like honesty, trust, responsibility</p> <p>ii) deal with the temperament of different family members to create a bond.</p>	<p>1. Value based questions</p> <p>2. Peer Assessment</p>	<p>Approach;</p> <p>1. Reflective enquiry based method</p> <p>2. Explanatory method</p> <p>Activities</p> <p>1. Group discussion</p> <p>2. Peer Assessment</p>	<p>1. Samples for value based questions</p> <p>2. Peer Assessment Sheet</p>	<p>Animal kingdom and their relation with human beings.</p> <p>1. Life Skills: Observatory</p> <p>2. Imaginative,</p> <p>3. Comprehensive,</p> <p>Subject Involved</p> <p>1. Philosophy</p> <p>2. Social Studies</p>	<p>Visual</p> <p>1) Documentary on Garaghloni an Tribe</p> <p>2) Role Play On Migration</p> <p>Size of Photo Frame. (Measurement).</p> <p>Mathematics'</p>
<p>Topic : A Photograph</p>	<p>The students will be</p>	<p>1. Peer assessment:</p> <p>Identify Figures of speech</p>	<p>Approach:</p> <p>1) Reflective</p>		<p>1. Collaborative</p>	

<p>Topic : We are not Afraid. .</p> <p>Sub-topics :</p> <p>No. of Periods: 6</p> <p>Month: July</p>	<p>The students will be able to-</p> <p>i) identify the parts of ship and different terms/words related to voyage</p> <p>ii) identify the difficult situation and the presence of mind of the captain along with the practical knowledge which is important to take instant decisions</p>	<ol style="list-style-type: none"> 1. Concept map: 2. Peer Assessment: 3. Reflection Sheet 	<p>Approach</p> <ol style="list-style-type: none"> 1) Reflective enquiry based method 2) Explanatory method 3) Collaborative method <p>Activities</p> <ol style="list-style-type: none"> 1. Make concept map 2. Design a ship 3. Identify its part 4. Peer Assessing 	<ol style="list-style-type: none"> 1. Sample of the checklist for concept map. 2. Sample of Concept map 3. Peer Assessment Sheet 	<p>Life Skills:</p> <ol style="list-style-type: none"> 1. Collaborative 2. Critical Thinking 3. Problem Solving <p>Subjects Involved</p> <ol style="list-style-type: none"> 1) Geography 2) Science 	<p>3D visual</p> <ol style="list-style-type: none"> 1. Make a ship with cardboard 2. Draw a Map of eel Island
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<p>Topic : The Ailing Planet</p> <p>Sub topic:</p> <p>No. of Periods: 6</p> <p>Month: july</p>	<p>The students will be able to</p> <p>i) integrate the issues of the declining state of Mother Earth and sustainable development.</p> <p>ii) the concept of sustainable development</p> <p>iv) describe the four principal biological systems of earth</p>	<p>1. Checklist</p> <p>2. Value based questions</p>	<p>Approach :</p> <ol style="list-style-type: none"> 1. Experiential method 2. Reflective enquiry based method 3. Explanatory method 4. Collaborative method <p>Activity/Assignment (to check learning)</p> <p>Researching</p>	<p>1) Checklist of the Reflection sheet</p> <p>2) Samples of value based questions</p>	<p>1. Collaborative</p> <p>2. Critical Thinking</p> <p>3. Problem Solving</p> <p>Subject Involved</p> <ol style="list-style-type: none"> 1) Science 2) Maths 	<p>Draw a graph to show the increase in population through data</p>
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Topic :			Approach	1) Sample of checklist for short answers	1. Life skill	Visuals
The Laburnum	The students will be	1) Short answers	1. Behavioral method		2. Problem solving	Role play
Sub topic:	able to		2. Reflective enquiry based method		3. Critical thinking	
	i) analyse	2) Value based answers	3. Explanatory method	2. Peer Assessment Sheet	4. Logical thinking	
	various sounds /words	3) Peer Assessment	4. Collaborative method			
No. of Periods: 4	mentioned in the poem		Activities		Subjects involved	
	ii) identify the rhyme scheme		1. Presentation		1. Social Science	
	iv) assess the beauty of nature		2. Peer Assessing		2. psychology	
Month: August						

<p>Topic :</p> <p>Albert Einstein</p> <p>No. of Periods:</p> <p>6</p> <p>Month: August</p>	<p>The students will be able to</p> <p>1. gain insight into the attitude of various teachers towards Einstein</p> <p>2. Analyse about Einstein"s nature based on his conversation with various teachers</p> <p>3.compare the difference between information gathering and insight formation</p> <p>4. Express the struggles and conflicts faced by Einstein</p>	<p>1. Reflection Sheet:</p> <p>2. Peer Assessment</p>	<p>Approach</p> <ol style="list-style-type: none"> 1. Reflective enquiry based method 2. Explanatory method 3. Collaborative method <p>Activities</p> <ol style="list-style-type: none"> 1) Group discussion 2) debate 	<p>1. Sample of checklist on Reflection sheet</p> <p>2. Peer Assessment Sheet</p>	<p>1. Collaborative</p> <p>2. Critical Thinking</p> <p>3. Problem Solving</p> <p>Subjects involved</p> <ol style="list-style-type: none"> 1. Social Science 2. psychology 	<p>Performing Art</p>
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Topic :	able to		Approach	1. Rubrics for Portfolio		Videos of Kailash mountain
Silk Road	i) realise that people	1) Note book:	1) Reflective enquiry based method		1. Collaborative	
Sub topic	could work as a team to be successful.	2) Concept map.	2) Explanatory method	Videos Create YouTube link. Or a short ppt.	2. Critical Thinking	
No. of Periods:	ii) experiences that positive thinking changes the expected results.	3) Documentary or ppt	3) Collaborative method		3. Problem Solving	
7	iii) discuss the difficulties faced while travelling in different situations and places.		Activities	2. Sample of Concept Map		
Month: Sept	iv)analyse how the author"s experience at Hor was in stark contrast to earlier accounts of the place.		1) Group discussion 2) Concept map to any tourist place		Subjects involved	
					2. History 3. Geography	

Topic : Poem	able to	1) Short answers	1) Approach 2) Reflective enquiry based method 3) Explanatory method 4) Collaborative method	1. Sample of concept map		Make a chart
The Voice of the Rain.	i) inculcate values like care and concern to save the environment.	3. Peer . Concept Map Assessment		2. Peer assessment Sheet	1. Collaborative	
Sub topics:	ii) develop				2. Critical Thinking	
No. of Periods:	imaginative and		Activities			
4	analytical skills to realise the importance of saving natural resources.		Group discussion Concept Map			
Month: Oct						

Topic : The Ghat of the only valley. No. of Periods: 6 Month: oct	<p>able to-</p> <p>i)identify the words that indicate that</p> <p>Shahib hated violence</p> <p>and the counter-violence in Kashmir.</p> <p>ii)analyse that he was secular and believed</p> <p>in the separation of politics and religion.</p> <p>iii) describe that he was a brilliant teacher, was famous for his skill in the kitchen, was social and love for his native land, Kashmir.</p>	1. Reflection Sheet: 2. Peer Assessment	<p>Approach</p> <ol style="list-style-type: none"> 1) Reflective enquiry based method 2) Explanatory method 3) Collaborative method <p>Activities:</p> <ol style="list-style-type: none"> 1) Article writing 2) Group discussion 3) Problem Solving 	1. Sample of Article writing; 2. Peer assessment sheet	<p>Life skill</p> <ol style="list-style-type: none"> 1. Collaborative 2. Decision making 3. Subject involved geography and history <p>Subject Involved</p> <ol style="list-style-type: none"> 1. History 2. Psychology 	Poster on the impact of war.
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Topic:	The	Able to realise and analyse	Concept Map on the effects of war.	Approach	Sample of Concept Map	Life skills	Visual
Address		the situations and take		Reflective enquiry based method		Communication	Draw some famous antique items.
No. of Periods:		appropriate decisions in life.		Explanatory method		Analytical skill	
6		ii) be optimistic in difficult situations.		Collaborative method		Presentation skill	
Month:		iii) appreciate the theme and the message conveyed.		Activities		Subject involved	
November		iv) compare how war destroys life and peace restores everything		Group Discussion		History and Geography	
		v) appreciate the family bonding and relations		Presentation of speech on War			
		vi) develop sympathetic attitude to war victims or the sufferers					
		vii) compromise with the past and move ahead in life.					

Topic : Childhood No. of Periods: 3 Month: November	i)think, analyse and observe childhood ii)identify rhyme scheme iii)describe individuality iv)differentiate between innocence and maturity v)accept different people.	1. Peer Assessment: 2. MCQs 3. Value based questions	Approach: 1. Reflective enquiry based method 2. Explanatory method 3. Collaborative method Activities 1. Peer assessing 2. Article Writing	1. Rubrics Peer Assessment sheet 2. Sample Checklist	Global awareness Critical thinking Analytical Subject involved psychology and philosophy	Performing Art
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Topic : The Browning Version No. of Periods : 6 Month:December	Learning Outcomes Will be able to analyse the importance of teaching and hard work	Assessment tools Value based questions	Teaching Learning Strategies/ Activities Approach Reflective enquiry based method Explanatory method Collaborative method	Resources Sample of Check list of concept map	Inter-disciplinary/ Multi-disciplinary Life skills Behavioral Logical thinking	Art Integration or Sports Integration
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Topic : Birth	1)Birth: The students will be able to interpret the duty and responsibility of a doctor.	Note book 1. Article writing 2. Peer Assessment 3. Reflection Sheet	Approach: 1. Reflective enquiry based method 2. Explanatory method 3. Collaborative method Activities: Article Writing Peer Assessing	1. Rubrics Peer Assessment sheet 2. Sample Checklist	Life skills 1. Behavioral 2. Critical thinking 3. Logical thinking Subjects involved Science Social Science	Performing art Role play on life of a Doctor
Sub-topic	Analyse the theme- never say die attitude -be positive and confident in adverse situations					
No. of Periods: 8	-never lose hope - stress more on practical knowledge instead of theoretical -be faithful to one's					
Month: January						

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						

Topic : Tale of a Melon City Sub-topics : No. of Periods: 5 Month: January	<p>able to</p> <p>i) analyse the fault a to deal them well.</p> <p>ii) realise that peace and liberty are the two strong factors for a state to flourish.</p> <p>iii) discuss that the rulers of the state should be judicious and sensitive to the needs of the people.</p> <p>Discuss the advantage of Live and let live</p>	<p>1. Reflection sheet</p> <p>2. peer Assessment.</p>	<p>Approach</p> <ol style="list-style-type: none"> 1. Reflective enquiry based method 2. Explanatory method 3. Collaborative method <p>Activities involved</p> <ol style="list-style-type: none"> 1. Make A concept Map 2. Peer Assessing 	<p>1) Checklist for Reflection and</p> <p>2) peer assessment Sheet</p>	<p>Life skills</p> <ol style="list-style-type: none"> 1) Critical thinking 2) Logical thinking <p>Subject involved</p> <ol style="list-style-type: none"> 1) Philosophy 2) Psychology 3) sociology 	<p>Presentation of Performing Art.</p>
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class : XI

Subject: _Economics

Topic	Learning outcome	Assessment Tools	Teaching Learning Strategies/Activities	Resource	Multi Disciplinarian/Inter disciplinarian	Art Integration or Sports integration
Introduction Sub Topic: a) Meaning of Economics Differentiate between Micro Economics and Macro Economics Number of periods 4 – (April)	Students will be able to explain what Economics is and explain Why it is important?	Notebooks	Peer Assessing	Peer Assessment sheet	Subjects involved Economics, Business studies. Life skills-Analytical Thinking skills	Visual
Topic: Consumers Equilibrium Sub Topic : Demand Number of periods -15(July)	Students will be able to determine equilibrium price and quantity for a market both graphically and mathematically	Rubrics (addressing situations related to demand and supply.	Collaborative/Peer Assessing (to measure ordinal and cardinal which help to explain consumer choice.	Peer Assessment Sheet Sample of marginal utility.	Subjects involved- Economics and Business studies Skills -employability skill (Consumer Behaviour and Analysis of Demand)	Visual
Topic - Producer Behaviour and Supply	Students will be able to	Notebook (Discussion	Peer Assessing (Note books –	Peer Assessm	Subjects Involved Economics ,Business	3D model of textile industry

Sub- Meaning of Production function Number of periods 15 (August)	maximisation of output at a given cost.	about production cost revenue equilibrium for firms.	candidates can plan their strategy for particular weaker section of the subject.	ent sheet Survey	studies Accountancy Skills-social skills(Communication Skills-Team spirit)	
Topic- Forms of market and Price Determination under perfect competition with simple applications (September,October and November)	Students will analyse that price is determined by total demand and total supply,yet the business motive of all the firms under perfect competition is profit maximisation	Peer Assessment sheet	Reflective inquiry based Audio based Peer Assessing	Peer Assesment sheet.	Subjects involved- Economics,Business studies and Accountancy Communication skills -Team Spirit	3 D (Model of monopolyMonopolistic competition ,Oligopoly)
Topic: Introduction Statistics for Economics Sub Topic:Meaning Importance ,Scope,Functions Number of periods-10 Month-April	Students will be able to analyse and interpret the economic information	Rubrics Notebook Preparatory of checklist	Audio linguistic Reflective inquiry	Rubrics Notebook Sample of checklist	Subject involved- Business studies. Accountancy Skill - Communication,and Decision making	Visual/(flow chart)

Topic:Collection,Organisation and Presentation of data Subtopic;Methods of collection of data ,Census,NSSO Number of periods:30 Month:July,August	Students will be able to enhance their professional profile by showcasing top notch presentation skills that set them apart in their field.	Peer Assessment (a)Survey (b)Maps	Peer Assessing	Peer Assessment Sheet- Survey Interviews Observations Focus group Experiment	Statistics is related to Business studies Accountancy. Skills- Communication Skills, Decision Making	3D (NSSO, Census of India.)
Topic: Statistical tools and interpretation of data. Sub topic: Central tendency, Co-relation, Index number No. of period: 50 Month: Sept, Oct, Nov.	Students will be able to compare two groups testing relationship between two variables.	Parameteric test, Analysis of ANOVA.	Reflective inquiry. (Descriptive statistics ANOVA correlation and analysis.)	Peer Assessment sheet: Statistic tools – Mean, meadian	Life skills Subject involved – Economics, Business studies, Accountancy	Visual

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class : XII

Subject : ACCOUNTANCY

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						
Topic : Cash Flow Statement Sub-topics : Adjustments as per AS-3 9(Revised) (Indirect Method) No. of Periods: 20 Month:	# State the Meaning & objective of cash flow statement. #Develop the classify the format of cash flow(Indirect Method)	Project	Approach- Explanatory , Inductive Deductive Project Method. Activities- Making of concept maps related Project.	Rubrics for Project	Skill- Creativity Subject - Business	Designing Ledger Book.
Topic : Analysis of Financial Statement Sub-topics : Fool for financial statement. Accounting Ratio	# Describe the concept related with ratio, heads-sub heads 'objectives & limitations of financial statement analysis.	Concept Map	Approach- Inductive- Deductive , Reflective Inquiry Activities - Identify the solve the Focus question	Sample of Concept Map.	Skill - Communication Subject - Economic	Visual (Images , info graphics)


No. of Periods: 30 Month: Topic : Accounting for Companies Sub-topics : Accounting for share Capital Accounting for Debentures No. of Periods 35 Month:	# Distinguish of shares, preference ,equity. # Forfeiture & Re-Issue of Shares #Develop the understanding Treatment of different Categories ,Collateral Security, redemption of debenture by Lum-sum	Assessment Test, Oral Test, Peer Assessment (MCQ"s)	Approach- Explanatory Interactive Inductive - Deductive, Activity- Propose to know about share & Debentures.	Social Media, Rubrics for Oral Test Sample of Peer Assessment Sheet	Skill- Creativity ,Designing Subject- Economics	Power Point Presentation.
Topic : Accounting for Partnership Firms. Sub-topics : Basic Partnership	Analyses profit/loss share according to Partnership Act.	Note Book, Test- Concept based questions	Approach- Explanatory, Reflective Inquiry. Activity- Auditory quality to	Sample of concept Base question	Skill - Analyses, Designing	Visual- (Image , graphics) Info


Admission of Partnership. No. of Periods: 25 Month:	Compare past adjustment & Guarantees		maintain the process of activities .		Subject- Business Studies	
Topic : Accounting for Partnership Firm. Sub-topics : Retirement & death of a partner. No. of Periods: 25 Mont	Compose the Treatment of Revolution of assets & re-Assessment of Liabilities. Executors account	Reflection sheet, Note Book	Approach- Explanatory, Demonstrate Activity- Examine the topics with analyse bases.	Sample of Reflection Sheet	Skill - Communications Subject - Business	Line drawing with out let. Flow chart
Topic : Accounting For Partnership firms Sub-topics : Dissolution of a Partnership firm. No. of Periods: 25 Month:	Analysese from of partners balance sheet & Realization values of Real Assets.	Oral test , Mind Map	Approach- Explanatory, inductive-deductive. Activity- Auditory quality to Maintain the Process of Activities.	Oral Test Mind Map	Skill- Analyses Subject- Business.	Flow chart Extra Questions


ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan 2024-25



Class: _12


Subject- BIOLOGY

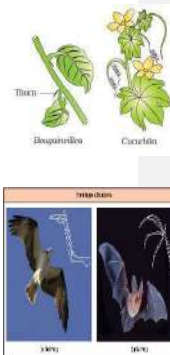
Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: Unit -VI REPRODUCTION IN ORGANISMS Ch1-Sexual Reproduction in Flowering Plants. Sub-topics: *Pre-fertilization-structures and events *Double Fertilization *Post Fertilization - Structures and events *Apomixis and Polyembryony No. of Periods:10 Month: March	Students will be able to- 1. Define the terms used in the chapter 2. Describe the Male and Female parts of the flower. 3. Diagrammatically Represent structure of pollen grains, the process of fertilization 4. Explain the process of fertilization	*Notebook *Peer Assessment -MCQs	Approach – *Explanatory *Reflective Inquiry Based Activities <ul style="list-style-type: none"> *Note Making *Diagrams *Concept Maps *Study of reproductive parts of flowers. 	*Notebook *Peer Assessment Sheet	Life Skills <ul style="list-style-type: none"> Creative Thinking Problem Solving Collaboration Subjects Involved <ul style="list-style-type: none"> Chemistry (use of chemicals for study of pollen germination. Math (Calculation of no. of sperms and ova produced from single cells) 	Printing of Flowers and its parts on an A4 size sheet. 

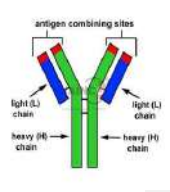
Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: Ch2.Human Reproduction Sub-topics: *Male Female reproductive system. *Gametogenesis *Menstrual Cycle *Fertilization and Implantation *Pregnancy and Embryonic Development *Parturition and Lactation No. of Periods: 10 Month: March	Students will be able to- 1.Explain the structures of reproductive system in Male and Female. 2. Diagrammatically Represent the reproductive structure of the system. 3.Justify the type of cell division in gametogenesis 4.Interpret the steps in the process of fertilization, embryonic development, parturition and lactation.	*Concept based Questions *Peer Assessment *Diagrams.	Approach *Explanatory *Inquiry Based Activities *Diagrams *High Order Thinking Skill Questions *Forming MCQs	*Sample of concept-based questions *Peer Assessment Sheet.	Skills: <ul style="list-style-type: none"> • Critical thinking • Empathy • Collaboration Subjects involved: <ul style="list-style-type: none"> • Value Education • Math (calculation of the day of parturition) 	*Clay model of Male gamete *Sectional view of Seminiferous tubule using vegetable block printing 

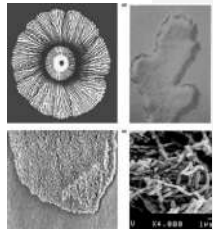
Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: Ch 3 Reproductive Health Sub-topics: *Problems and Strategies *Population Explosion and Birth Control *MTP and STD *Infertility No. of Periods: 10 Month: March April	Students will be able to – 1.Explain the factors responsible for increase and decrease of human population 2.Calculate the birth rate and death rate of a given population 3.Describe the various types of contraceptives used for birth control 4.Diagrammatically represent Surgical methods of contraceptives 5.Justify MTP 6.Classify STDs caused by bacteria and viruses 7.Differentiate types of ART	*Flow chart *Concept based questions *Diagrams	Approach *Explanatory *Reflective inquiry Activities *Note making *Diagrams	Sample of flow chart showing different types of contraceptives	Skills: <ul style="list-style-type: none"> • Sketching • Analytical Subject involved: <ul style="list-style-type: none"> • Math • Social Studies 	Collage of surgical method used as contraceptives 

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: Unit-VII Genetics and Evolution Ch4 Principles of Inheritance and Variation Sub Topic: *Mendel's Law of Inheritance *Inheritance of One Gene *Inheritance of Two Gene *Sex Determination *Mutation *Genetic Disorders No. of Periods: 15 Month: April	Students will be able to: 1. Define Mendel's Law 2. predict the genotype and Phenotype of the offsprings of a given cross. 3. Interpret the concept of sex determination. 4. differentiate between chromosomal disorder and Mendelian disorder.	*Concept based questions. *Peer Assessment (MCQs)	Approaches: *Explanatory *Inductive method Inquiry Activities: *Solving concept-based questions. *Note Making	*Sample of CBQs *Sample of Peer Assessment Sheet	Skill: Critical thinking Subjects involved: Math	Rangoli using Punnet Square  

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: Ch 5 Molecular Basis of Inheritance Sub-topics: *DNA and RNA world *Replication *Transcription *Genetic Code *Translation *Regulation of Gene Expression *Human Genome Project *DNA Fingerprinting No. of Periods:15 Month: June - July	Students will be able to – 1, Differentiate between the structure of DNA and RNA 2.Diagrammatically represent the process of replication and transcription 3.List the amino acid and its genetic code 4.Explain the process of Gene Expression 5. Make a flow chart showing the steps in the process of DNA Finger printing	I-UNIT TEST	Approach: *Explanatory *Inquiry based Activities *Draw the structure of RNA and DNA *Gr. Discission and presentation on Genome project	*Sample of QUESTION PAPER Mark list	Skill: *Critical thinking *Analytical Subject Involved: *Chemistry *Math	Helical wall hanging using low-cost materials Or best out of waste 

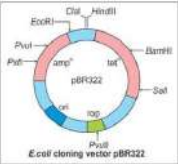
Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resource s	Inter-disciplinary/ multi- disciplinary	Art Integration or Sports Integration
Topic: Ch6 Evolution Sub-topics: *Origin of life *Evolution and its evidences *Adaptive radiation *Biological evolution *Mechanism of Evolution *Hardy Weinberg Principle *A Brief Account of Evolution and Evolution of Man No.of Periods:10 Month: July	Students will be able to - 1.Explain various theories of evolution 2.Differentiate divergent and convergent evolution 3.Interpret the structure of organ and its relation with respect to evolution 4.Describe the factors effecting H. W Equilibrium	*Concept based Questions *Peer assessment MCQs	Approach: *Interactive *Explanatory *Inductive deductive Activities: *Discussion *Case study on a video show	*Sample of concept-based questions *Sample of peer assessment sheet	Skill <ul style="list-style-type: none"> *Prediction skill *Communication Skill *Information literacy Subjects involved: Math (Hardy -Weinberg Principle)	Collage showing homologous and analogous evidences of evolution 


Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter- disciplinary/ multi- disciplinary	Art Integration or Sports Integration
Topic: Unit - VIII Biology in Human Welfare Ch7 Human Health and Disease Sub-topics: *Common Diseases in Humans *Immunity *AIDS *Cancer *Drugs and Alcohol Abuse *A Brief Account of Evolution No. of Periods: 15 Month: August	Students will be able to - 1.Explain causes of various diseases 2.Differentiate Benign and Malignant tumors 3.Interpret the effect of drugs on the body. 4.Describe the structure of Antibody 5. Diagrammatically represent the structure of antibody	*Concept based Questions *Peer assessment MCQs	Approach: *Interactive *Explanatory *Inductive deductive Activities: *Flow chart – showing stages in the life cycle of Plasmodium. *Concept map -on Replication of retrovirus. * Video on drugs and its effects.	*Sample of concept-based questions *Sample of peer assessment sheet (MCQs)	Skill <ul style="list-style-type: none"> *Prediction skill *Communication Skill *Information literacy Subjects involved: <ul style="list-style-type: none"> Chemistry (chemistry of drugs) 	Model of antibody using clay or ice-cream sticks Or using vegetables /culinary art. 


Topic: No. of Periods: When	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: Ch 8 Microbes in Human Welfare Sub-topics: *Microbes in Household *In industrial product *In sewage treatment *In production of biogas *Microbes a Biocontrol Agent *Microbes as Biofertilizers No. of Periods: 15 Month: August	Students will be able to – *Describe the role of microbes in a day-to-day life. *Justify the role of microbes as biocontrol agents. *Explain the role of microbes in increasing the production of crops. *Differentiate between Biocontrol agents and biofertilizers.	<ul style="list-style-type: none"> • Assertion-reason questions • Peer assessment (MCQs) 	Approach: <ul style="list-style-type: none"> • Explanatory • Constructivism • Inquiry based Activates: *Note Making * Slide preparation and Observation of microbes in the lab of the following Material . Curd . Soil . Pond water * Attempting MCQs	Sample of Assertion -reason Questions and Peer Assessment sheet	Skill: Decision making Observation Diagrammatic Subject Involved: Chemistry	Create patterns using similar shapes and structure of microbes 

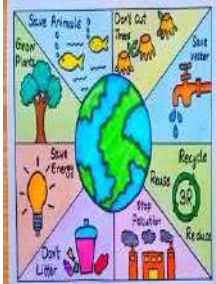
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Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: Unit -IX Biotechnology Ch 9 Biotechnology: Principles and Processes Sub-topics: *Principles of Biotechnology *Tools of Recombinant Technology *Processes of Recombinant DNA Technology No. of Periods:15. Month: September - October	Students will be able to – *Define the terms *Explain the principles of biotechnology *Diagrammatical ly represent rDNA *Extract DNA from the plant sample	*MCQs *Concept Map I-Terminal Exam	Approach: *Inquiry based *Explanatory Activities: *Making Concept Map *Extraction of DNA from Plant material	<ul style="list-style-type: none"> • Sample of MCQs • Concept map 	Skill: *Critical thinking *Computational *Problem solving Subjects involved: Microbiology Bio informatics Chemistry	Model of Cloning Vector pBR322 USING BANGLES 

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: Ch 10 Biotechnology and its Application Sub-topics: *Biotechnological Application in Agriculture *Biotechnological Application in Medicine *Transgenic Animals *Ethical Issues No. of Periods: 15 Month: October	Students will be able to - 1.Explain the method of creating insect and pest resistant plants 2.Describe how Humulin is produced genetically 3.Define Gene Therapy 4.Give example of gene therapy 5.Justify the benefits of production of transgenic animals	*Assertion reason questions	Approach: *Explanatory *Inductive Deductive *Reflective Activities: Note making Case based studies on a video related to the topic	Sample of Assertion -reason	Skill: Critical Analysis Subject involved: Microbiology chemistry	*PPT Presentation *Collage of patented products in India 

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter- disciplinary/ multi- disciplinary	Art Integration or Sports Integration
Topic: Unit -X Ecology Ch 11 Organism and Population Sub-topics: * Organism and its Environment *Population No. of Periods: 10 Month: October	Students will be able to - 1.Graphically represent Biome distribution with respect to annual temp and precipitation. 2.Describe major Abiotic Factors 3. Classify organisms on the basis of responses to Abiotic factors 4.Explain Population Attributes, growth models, 5. differentiate types of interactions	*Peer Assessment (MCQs)	Approach: *Heuristic *Inquiry based *Explanatory Activities: *Group discussion *Short Question answer	Sample of Peer Assessment Sheet	Skill: *Critical Analysis *Logical reasoning Subjects Involved: Geography math	Collage showing different types of interactions 

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter- disciplinary/ multi- disciplinary	Art Integration or Sports Integration
Topic: Ch 12 Ecosystem Sub-topics: *Structure and Function *Productivity *Decomposition *Energy Flow *Ecological Pyramids *Ecological Succession *Nutrient Cycling *Ecosystem Service No. of Periods:10 Month: November	Students will be able to – 1. Define the terms 2. Explain Energy Flow 3. Describe Ecological Pyramid 4. infer on the basis of value given at different level the types of pyramids. 5. Draw different types of pyramids on the basis of given numerical values 6 Judge the value of ecosystem services	*Self-Assessment Assertion reason questions *MCQs	Approach: *Heuristic *Explanatory *Reflective Inquiry Activities: *Group discussion * Making Short Notes	Sample of Self-Assessment sheet	Skill: Communication Leadership Collaboration Critical Analysis Subject Involved: Maths Geography Economics	Poster creating awareness on Saving Ecosystem Or representing food chain using paper cups 

Topic: No. of Periods: When:	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ multi-disciplinary	Art Integration or Sports Integration
Topic: Ch 13 Biodiversity and Conservation Sub-topics: *Biodiversity *Biodiversity Conservation No. of Periods: 10 Month: November	Students will be able to – 1. Define the terms 2. Explain the patterns of Diversity 3. Interpret the causes of biodiversity losses 4. Justify the need of conservation 5. Differentiate In situ conservation and Ex situ conservation 5. Draw pie chart to represent proportionate number of species on earth	Concept based questions	Approach: *Heuristic *Reflective Inquiry Activities: *Group discussion and presentation	Sample of concept-based questions	Skill: Leadership Communication Creative thinking Collaboration Subject Involved: Geography Math	Draw PIE -CHART using colour papers Showing biodiversity 

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan.

Class : XII

Subject : Business Studies

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						
Topic : Chapter 1 Nature and significance of management . Sub-topic: 1. Meaning of management 2. features of management 3. nature of management 4. Levels of management 5. Functions of management 6. Coordination	The students will be able to: <ul style="list-style-type: none"> Explain the meaning and features of management Compare the nature of management with science, art and profession. Identify the various levels of management. Discuss the concept and characteristics of coordination. 	# Notebook # Concept map	<ul style="list-style-type: none"> Reflective inquiry Making of concept map 	Sample of concept map Rubric for notebooks	Life skills: Communication Critical thinking Subjects Involved: Economics	Visuals: PPT showing levels of management.
No. of Periods: 12 Month: April						
Topic: Chapter 2 Principles of Management Sub-topic 1. Meaning of principles of	The students will be able to: <ul style="list-style-type: none"> Explain the concept and significance of principles of 	#Notebook #Peer assessment sheet	<ul style="list-style-type: none"> Collaborative Peer assessing Problem Solving 	Rubrics for notebook. Peer assessment sheet	Life skills: Decision making Problem solving Subjects Involved:	Handmade colourful crossword puzzles related to the principles of

<p>management</p> <p>2. Nature of principles of management</p> <p>3. Importance of principles of management</p> <p>4. Fayol's principle of management</p> <p>5. Scientific Management</p> <p>No.of Periods: 14</p> <p>Month: April</p>	<p>management.</p> <ul style="list-style-type: none"> Discuss the principles of management developed by fayol. Explain the principles and techniques of scientific management. Compare the contribution of Fayol and Taylor. 				Economics	management.
<p>Topic: Chapter 3 Business Environment</p> <p>Sub-topics:</p> <p>1. Concept and Importance of Business Environment</p> <p>2. Dimensions of Business Environment</p> <p>3. Demonetization</p> <p>No. of Periods: 12</p> <p>Month: June</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> Explain the concept of business environment. Describe the importance of business environment. Identify the various dimensions of business environment. Explain the concept of demonetization. 	<p># Notebooks</p> <p># Rubrics for Project</p>	<ul style="list-style-type: none"> Researching based Problem solving 	<p>Rubrics for notebook and project.</p> <p>Sample of project.</p>	<p>Life skills: Creative thinking Problem solving</p> <p>Subjects Involved: Economics</p>	<p>Collage making showing different dimensions of business environment.</p>
<p>Topic: Chapter 4 Planning</p> <p>Sub-topics:</p> <p>1. Concept of Planning</p> <p>2. Importance &</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> Explain the concept of Planning Describe the 	<p># Peer Assessment Sheet</p> <p># Concept Map</p>	<ul style="list-style-type: none"> Collaborative Peer Assessing Making Concept Map 	<p>Sample of concept map</p> <p>Peer assessment sheet</p>	<p>Life skills: Decision making Effective Communication</p> <p>Subjects</p>	<p>Preparing colourful mind maps.</p>

Limitations of Planning 3. Planning Process 4. Types of Plan No. of Period: 14 Month: June	importance and limitations of Planning <ul style="list-style-type: none"> • Develop collaboration skills • Assess themselves and peers 				Involved: English Arts		
Topic: Chapter 5 Organising Sub-topics: <ol style="list-style-type: none"> 1. Concept and Importance of Organising 2. Organising Process 3. Structure of Organisation 4. Delegation 5. Decentralisation No. of Periods: 15 Month: July	The students will be able to: <ul style="list-style-type: none"> • State the meaning and Importance of Organising • Analyse the steps in the Organising Process. • Compare Functional Structure and Divisional Structure. • Appreciate the importance of Delegation. • Differentiate between Delegation and Decentralisation . 	# Notebooks # Reflection Sheet.	<ul style="list-style-type: none"> • Designing rubrics for notebook books. • Reflective inquiry based. 	Rubrics for notebook.	Life skills: Communication Subjects Involved: English Arts	PPT related to the organisational process.	
Topic: Chapter 6 Staffing Sub-topics: <ol style="list-style-type: none"> 1. Concept and Importance of Staffing. 	The students will be able to: <ul style="list-style-type: none"> • Define Staffing • State its need and Importance and establish its relationship 	# Notebook # Concept map	<ul style="list-style-type: none"> • Reflective inquiry • Making of concept map 	Sample of concept map Rubric for notebooks	Life skills: Decision making Problem solving Subjects Involved: Economics	Role showing selection process.	Play the

<p>2. Staffing Process</p> <p>3. Recruitment Process</p> <p>4. Selection Process</p> <p>5. Training and Development</p> <p>No. of Periods: 16</p> <p>Month: July</p>	<p>between Human Resource Management.</p> <ul style="list-style-type: none"> Describe the steps in the Staffing Process, Recruitment and Selection process. Identify the important sources of recruitment Appreciate the need of training and development. 					
<p>Topic: Chapter 7 Directing</p> <p>Sub-topics:</p> <ol style="list-style-type: none"> Meaning and Introduction of Directing Features of Directing function Importance of Directing Elements of Directing Supervision Motivation Leadership Communication <p>No. of Periods: 15</p> <p>Month: August</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> Describe the concept of directing Discuss the importance of directing Identify the various elements of directing Develop the understanding of Maslow's hierarchy of needs Compare the various styles of leadership Distinguish between formal 	<p># Notebook</p> <p># Peer assessment</p>	<ul style="list-style-type: none"> Collaborative Peer assessing Problem Solving 	<p>Peer Assessing Sheet</p> <p>Rubrics for Notebook</p>	<p>Life skills: Creative thinking Problem solving</p> <p>Subjects Involved: Economics</p>	<p>Chart Making showing Maslow's Need Hierarchy.</p>

	<p>and informal Communication</p> <ul style="list-style-type: none"> • Discuss the various barriers to effective communication • Suggest measures to overcome barriers to communication 					
<p>Topic: Chapter 8 Controlling</p> <p>Sub-topics:</p> <ol style="list-style-type: none"> 1. Concept and importance of controlling 2. Relation between planning and controlling 3. Steps in process of controlling <p>No. of Periods: 12 Month: August</p>	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Define the concept of controlling • Explain the importance of controlling • Describe the relation between planning and controlling • Discuss the steps in the process of controlling 	<p># Notebooks</p> <p># Rubrics for Project</p>	<ul style="list-style-type: none"> • Designing rubrics for notebook books. • Researching based 	<p>Rubrics for Notebook</p> <p>Sample of project</p>	<p>Life skills: Decision making Problem solving</p> <p>Subjects Involved: Economics</p>	<p>Group Discussion</p>
<p>Topic: Chapter 9 Financial Management</p> <p>Sub-topics:</p> <ol style="list-style-type: none"> 1. Concept, role and objectives of financial management 2. Financial decisions 3. Capital structure 4. Fixed and working 	<p>The students will be able to:</p> <ul style="list-style-type: none"> • Explain the concept and roll of financial management • Discuss the objectives of financial management • Identify the 	<p># Notebooks</p> <p># Reflection Sheet.</p>	<ul style="list-style-type: none"> • Designing rubrics for notebook books. • Reflective inquiry based. 	<p>Rubrics for Notebook</p>	<p>Life skills: Decision making Effective Communication</p> <p>Subjects Involved: English Arts</p>	<p>Snake and Ladder (MCQ Questions-</p>

capital No. of Periods: 20 Month: September/October	financial decisions (investment, financing or dividend) <ul style="list-style-type: none"> Describe the concept of financial planning and its objectives Appreciate the importance of financial planning State the concept of capital structure Describe the factors determining the choice of an appropriate capital structure of a company Discuss the factors determining the requirements of fixed and capital structure 					
Topic: Chapter 10 Financial Market Sub-topics: <ol style="list-style-type: none"> Concept of financial market Concept of money market Capital market and 	The students will be able to: <ul style="list-style-type: none"> State the concept of financial market Differentiate between capital market and money market 	# Notebook # Concept map	<ul style="list-style-type: none"> Designing rubrics for notebook books. Making of concept map 	Rubrics for notebook Sample of concept map	Life skills: Communication Subjects Involved: English Arts	Model of stock exchange

its types 4. Stock Exchange 5. Securities and Exchange Board of India No. of Periods: 20 Month: October	<ul style="list-style-type: none"> Distinguish between primary and secondary markets Give the meaning of a Stock Exchange Explain the functions of a Stock Exchange Discuss the trading procedure in a Stock Exchange State the objectives of Securities and Exchange board of India Explain the functions of Securities and Exchange board of India 					
Topic: Chapter 11 Marketing Sub-topics: <ol style="list-style-type: none"> Concept functions and philosophies of marketing Marketing Mix Product Price Physical distribution Promotion 	The students will be able to: <ul style="list-style-type: none"> State the concept of marketing and features of marketing Discuss the functions of marketing Explain the marketing philosophies Describe the 	# Checklist # Rubrics for Project	<ul style="list-style-type: none"> Designing advertisement using multiple mediums Researching based Making checklist 	Sample of checklist sample of project	Life skills: Creative thinking Problem solving Subjects Involved: Economics	Drawing the label of any product.

No. of Periods: 30 Month: November	elements of marketing mix <ul style="list-style-type: none"> • Explain the concept of branding, labelling and packaging under product mix • Describe the factors determining price of a product okay • Explain the components of physical distribution • Describe the various channels of distribution • Explain the concept of promotion mix and elements- advertising, personal selling, sales promotion and public relations 						
Topic: Chapter 12 Consumer Protection Sub-topic: <ol style="list-style-type: none"> 1. Concept and importance of consumer protection 2. The Consumer 	The students will be able to: <ul style="list-style-type: none"> • Describe the importance of consumer protection • Discuss the scope of Consumer 	# Concept map # Note book	<ul style="list-style-type: none"> • Making of concept map • Designing rubrics for notebooks 	Sample of concept map Rubrics for notebook	Life skills: Decision making Effective Communication Subjects Involved:	Role showing Redressal machinery.	Play

Protection Act 2019 3. meaning of consumer 4. Rights and responsibilities of consumers 5. Redressal machinery 6. Remedies available 7. Consumer awareness No. of Periods: 12 Month: November	Protection Act 2019 <ul style="list-style-type: none"> • Explain the consumer rights • Appreciate the responsibilities of consumers • Discuss the legal redressal machinery under Consumer Protection Act 2019 • Examine the remedies available to the consumer under Consumer Protection Act 2019 • Describe the role of consumer organisations and NGOs in protecting consumers interest 				English Arts	
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ST.PAUL'S CO-ED SCHOOL,BHOPAL

ANNUAL CURRICULUM AND PEDAGOGIAL PLAN-2024-25

CLASS:12

SUBJECT: CHEMISTRY

TOPIC: NO. OF PERIODS: WHEN:	LEARNING OUTCOMES	ASSESSMENT TOOLS	Teaching learning Strategies/Activities	RESOURCES	INTER-DISCIPLINARY/ MULTI DISCIPLINARY	Art integration or sports integration
TOPIC: COORDINATION COMPOUNDS. SUB TOPIC: 1.IUPAC NOMENCLATURE 2.ISOMERISM 3.VBT 4.CRYSTAL FIELD THEORY. NO. OF PERIODS: 30 MONTH: APRIL	Students will be able to # assess themselves and peers # design rubrics and check list. #develop competence and awareness through exposure in class	#Rubric for note book #Peer assessment Sheet #Checklist	Approach: #Reflective inquiry based #Collaborative Activities and Strategies #Designing rubric #Problem solving	#Rubric for notebook #Peer assessment sheet #Checklist	#Collaboration #Critical thinking #Problem solving	# Visual #Performing art (Crystal field Theory)
TOPIC:BIOMOLECULES SUB TOPIC: 1.Carbohydrates 2. Protein 3. Nucleic acid NO. OF PERIODS: 35 MONTH: APRIL	Students will be able to # make presentations # design rubrics and check list. #prioritize tasks #elucidate the structure and function of biomolecules.	#Rubric for note book #Checklist # Concept map	Approach: #Behavioural Activities and Strategies #Researching #Make check list	#Rubric for note book #Checklist # Concept map	#Creativity #Collaboration with biology #Communication	#Performing ar(Protein-Formation of peptide bond)
TOPIC:SOLUTIONS SUB TOPIC: 1.Solubility 2. Raoult's law 3 .Ideal and Non-ideal solutions 4. Colligative	Students will be able to # develop collaborative skill # design rubrics and check list.	#Rubric for note book #Peer assessment Sheet #Checklist	Approach: #Reflective inquiry based Activities and Strategies #Using information media	#Rubric for note book #Checklist # Concept map	#Collaboration with maths #Critical thinking #Problem solving	# Visual #Culinary (Raoult's law for volatile compound)

properties. NO. OF PERIODS: 28 MONTH: JUNE,JULY	#develop problem solving abilities #develop ethical reasoning and decision making in solutions.		#Making concept map			
TOPIC: ELECTROCHEMISTRY SUB TOPIC: 1.Conductivity 2. Nernst equation 3. Types of cell NO. OF PERIODS: 35 MONTH: JUNE, JULY	Students will be able to # make presentations # design rubrics and check list #exhibit proficiency in using relevant technology tools and resources to support learning and problem solving.	#Rubric for note book #Peer assessment Sheet #Checklist	Approach: #Experiential Activities and Strategies #Designing rubric #Make check list	#Rubric for note book #Checklist # Concept map	#Critical thinking #Problem solving #media literacy	# 3D (Lead storage battery)
TOPIC:ALCOHOLS, PHENOLS AND CARBOXYLIC ACID SUB TOPIC: 1.Alcohols 2. Phenols 3. Carboxylic acid NO. OF PERIODS: 35 MONTH: AUGUST	Students will be able to # make presentations # design rubrics and check list #apply knowledge of chemistry to propose innovative solutions to challenges.	#Rubric for project #Peer assessment Sheet #Concept map	Approach: #Experiential Activities and Strategies #Researching #Using information media	#Rubric for project #Checklist # Concept map	#resilience #information literacy #self direction	# Visual #culinary (Acidic property of Phenol)
TOPIC: Haloalkanes And Haloarenes SUB TOPIC: 1.Haloalkanes 2. Haloarenes NO. OF PERIODS: 32 MONTH: SEPTEMBER	Students will be able to # make presentations # design rubrics and check list.	#Rubric for note book #Peer assessment Sheet #Checklist	Approach: #Experiential Activities and Strategies #Researching #Make check list	#Rubric for note book #Checklist # Concept map	#technological proficiency #Critical thinking #Problem solving	# Visual (SN1 and SN2 mechanism)
TOPIC:ALDEHYDE,	Students will be	#Rubric for	Approach:	#Rubric for note	#Collaboration	# Visual

KETONES AND CARBOXYLIC ACID SUB TOPIC: 1. ALDEHYDE 2. KETONES 3. CARBOXYLIC ACID NO. OF PERIODS: 35 MONTH: OCTOBER	able to # analyze the mechanism of organic reactions #make presentations # design rubrics and check list #demonstrate critical thinking skills	note book #Peer assessment Sheet #Checklist	#Experiential Activities and Strategies #Researching #Make check list	book #Checklist # Concept map	#Critical thinking #creativity	(acidic character of -COOH)
TOPIC:AMINES SUB TOPIC: 1.Preparation and properties of amines 2.Distinguish between primary,secondary and tertiary amines. 3. Diazonium salts. NO. OF PERIODS: 27 MONTH: OCTOBER	Students will be able to # analyze the mechanism of organic reactions # predict the products of simple chemical reactions #design and conduct experiments to investigate the different types of amines.	#Rubric for note book #Peer assessment Sheet #Checklist #Concept map	Approach: #Experiential Activities and Strategies #Researching #Make check list	#Rubric for note book #Checklist # Concept map	#team work #digital literacy # adaptability	# Visual (Distinguish between primary, secondary and tertiary amines by Hinsberg test)
TOPIC:d and f block elements SUB TOPIC: 1.d -Block 2. f- Block NO. OF PERIODS: 35 MONTH: November	Students will be able to # design rubrics and check list #critically analyze literary texts from textbooks #analyze the properties and reactivities of transition metals	#Rubric for note book #Peer assessment Sheet #Checklist	Approach: #Behavioural Activities and Strategies #Researching #Designing rubric	#Rubric for note book #Checklist # Concept map	#Creativity #leadership #writing	# Visual #Madhubani art –depicting d block elements

TOPIC:CHEMICAL KINETICS SUB TOPIC: 1. Rate constant 2. Order of reaction 3. Molecularity of reaction. NO. OF PERIODS: 25 MONTH: November	Students will be able to # investigate the sources and analyze the rate constant # evaluate the numerical of peer #identify order of reaction.	#Concept map #Checklist	Approach: #Reflective inquiry based Activities and Strategies #Problem solving #Making portfolio	#Sample of concept map #Checklist # Concept map	#Collaboration with maths #global awareness #Problem solving	# Performing Art. (Molecularity of reaction)
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan (2024-25)

Class: XII

Subject: Computer Science

Topic: No. of Periods: When:	Learning Outcomes	Assessment Tools	Teaching Learning Strategies/Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Topic: Chapter-12 Relational Databases Sub-topics: <ul style="list-style-type: none"> Advantages of Database system Keys Degree, Cardinality No. of Periods: 6 Month: April	Students will be able to: <ul style="list-style-type: none"> Evaluate the advantages of database system over traditional system To calculate the degree and cardinality of a table 	Peer Assessment	Approach: Explanation , Demonstration, Interactive, Experiential, Collaborative Activity: Peer assessment in class	Peer Assessment sheet	Life skills: <ul style="list-style-type: none"> Critical and Analytical thinking Problem solving skills Subject: Maths	Design a chart to illustrate the different keys used in SQL
Topic: Chapter-13 Simple Queries in SQL Sub-topics: <ul style="list-style-type: none"> Constraints Data types No. of Periods: 10 Month: April	Students will be able to: <ul style="list-style-type: none"> Differentiate between various types of constraints Analyse the different data types and their uses 	Notebook	Approach: Explanation, Interactive Activity: Checklist	Sample of Checklist	Life skills: Communication Collaboration Subject: Art	Chart on different types of constraints
Topic: Chapter-14 Table Creation and Data Manipulation Commands Sub-topics: <ul style="list-style-type: none"> Create Table, 	Students will be able to: <ul style="list-style-type: none"> Analyse the functions of create table and select command 	Notebook	Approach: Explanation, Demonstration, Interactive	Sample of Checklist	Life skills: Communication Collaboration Subject: English	Infographic on data types

Select Command Periods: 10 Month: April			Activity: Chapter exercises			
Topic: Chapter-15 Grouping records, Joins in SQL Sub-topics: <ul style="list-style-type: none"> Group By clause Natural Join, Equi Join Periods: 6 Month: June	Students will be able to: <ul style="list-style-type: none"> Differentiate between Group By Clause and Order By Clause Evaluate the working of various Joins 	Concept Map	Approach: Explanation, Interactive Activity: Making of concept map	Sample of Concept map	Life skills: <ul style="list-style-type: none"> Critical and Analytical thinking Problem solving skills Subject: Art, English	Infographic on Joins
Topic: Chapter-16 Interface Python with MySQL Sub-topics: <ul style="list-style-type: none"> Steps To connect Python and SQL Installing Connector, Fetchall(), Fetchone(), Fetchmany() Periods: 5 Month: June	Students will be able to: <ul style="list-style-type: none"> Install SQL connector on their systems Create and use the various fetch commands to operate simple queries of SQL in Python 	Concept Map	Approach: Explanation, Interactive Activity: Making of concept map	Sample of Concept map	Life skills: <ul style="list-style-type: none"> Observation Skills Logical thinking skill Analytical Skills Communication skill Subject: Art	Chart on Python and SQL connectivity
Topic: Chapter-3 Working with Functions Sub-topics: <ul style="list-style-type: none"> Built in Functions User Defined Functions 	Students will be able to: <ul style="list-style-type: none"> Create functions in Python Programs Design a simple python program using a 	<ul style="list-style-type: none"> Peer Assessment Practical 	Approach: Explanation, Demonstration, Interactive Activity: Making of a program	Sample of program	Life skills: <ul style="list-style-type: none"> Critical and Analytical thinking Problem solving skills Subject: Maths	Create a program to calculate simple interest on a sum of money

<ul style="list-style-type: none"> Scope of Variables Periods: 15 Month: July	function					
Topic: Chapter-1,2 Revision Tour Sub-topics: <ul style="list-style-type: none"> XI Syllabus Periods: 7 Month: July	Students will be able to: <ul style="list-style-type: none"> Revise the concepts of XI syllabus and use it in various programs 	<ul style="list-style-type: none"> Notebook Practical 	Approach: Explanation, Demonstration, Interactive Activity: Peer Assessment	Peer Assessment Sheet	Life skills: <ul style="list-style-type: none"> Critical and Analytical thinking Problem solving skills Subject: Maths	Create a program to use operators to illustrate the use of unary and binary operators
Topic: Chapter-4 Using Python Libraries Sub-topics: <ul style="list-style-type: none"> Importing Modules (Math, random, Statistics) Built in Math Functions Periods: 5 Month: August	Students will be able to: <ul style="list-style-type: none"> Use Built in functions in a python program Differentiate between random, randrange and randint functions 	<ul style="list-style-type: none"> Notebook Practical Article writing 	Approach: Explanation, Demonstration, Interactive Activity: Making of a program	Sample of program	Life skills: <ul style="list-style-type: none"> Critical and Analytical thinking Subject: English	Write an article on random module.
Topic: Chapter-5 File Handling Sub-topics: <ul style="list-style-type: none"> Modes Text Files, Binary files Use of CSV files Periods: 20 Month: August	Students will be able to: <ul style="list-style-type: none"> Create programs using files Identify and analyse the type of file best suited for a given problem 	<ul style="list-style-type: none"> Notebook Practical 	Approach: Explanation, Demonstration, Interactive, Experiential Activity: Problem Solving	Sample of program	Life skills: <ul style="list-style-type: none"> Problem solving skills Subject: Designing	Make a powerpoint presentation on modes in file handling

<p>Topic: Chapter-10 Computer Networks-I</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> Types of Networks Topology Guided and unguided media <p>Periods: 6 Month: September</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Identify the types of topologies used Identify and analyse the advantages and disadvantages of various media 	<ul style="list-style-type: none"> Notebook Practical Checklist 	<p>Approach: Explanation, Demonstration, Interactive, Experiential</p> <p>Activity: Making checklist</p>	<p>Sample of checklist</p>	<p>Life skills:</p> <ul style="list-style-type: none"> Problem solving skills <p>Subject: English</p>	<p>Differentiate between Microwave and Radiowave</p>
<p>Topic: Chapter-11 Computer Networks-II</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> Network Devices: Gateway, Bridge Hub/Switch Modem, domain <p>Periods: 7 Month: September</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> Evaluate the difference between a gateway and a bridge Create cable layout between buildings and networks 	<ul style="list-style-type: none"> Notebook Practical Checklist 	<p>Approach: Explanation, Demonstration, Experiential</p> <p>Activity: Making checklist</p>	<p>Sample of checklist</p>	<p>Life skills:</p> <ul style="list-style-type: none"> Problem solving skills <p>Subject: English</p>	<p>Create a Collage on network devices</p>

<p>Topic: Chapter-7 Exception Handling</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> • try and except • finally <p>Periods: 10 Month: October</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Create programs using try and except • Identify and analyse the exceptions that can be created 	<ul style="list-style-type: none"> • Notebook • Practical 	<p>Approach: Explanation, Demonstration, Experiential</p> <p>Activity: Making a program</p>	<p>Sample of program</p>	<p>Life skills:</p> <ul style="list-style-type: none"> • Problem solving skills • Critical and Analytical thinking <p>Subject: English</p>	<p>Perform a Role Play on exception handling</p>
<p>Topic: Chapter-8 Data Structures-I</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> • Programs on Linear lists <p>Periods: 12 Month: October</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Create programs on linear lists • Make presentation on linear lists 	<ul style="list-style-type: none"> • Notebook • Rubric for project 	<p>Approach: Explanation, Demonstration, Experiential</p> <p>Activity: Designing a rubric</p>	<p>Rubric for project</p>	<p>Life skills:</p> <ul style="list-style-type: none"> • Problem solving skills • Critical and Analytical thinking <p>Subject: English, Art</p>	<p>Infographic on Linear lists</p>
<p>Topic: Chapter-9 Data Structures-II: Stacks Using Lists</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> • LIFO, Programs on Stacks • Prefix, Postfix <p>Periods: 12 Month: November</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Derive Prefix and Postfix notation of a given expression • Make programs on stacks 	<ul style="list-style-type: none"> • Notebook • Rubric for project 	<p>Approach: Explanation, Demonstration, Experiential</p> <p>Activity: Designing a rubric</p>	<p>Rubric for project</p>	<p>Life skills:</p> <ul style="list-style-type: none"> • Problem solving skills • Critical and Analytical thinking <p>Subject: English</p>	<p>Write a paragraph on Stacks</p>

St Paul's Co_ed School,Bhopal

Annual Curriculum and Pedagogical Plan

Class: 12

Subject: Economics

Topic number of periods when	Learning outcomes	Assessment tools	Teaching learning strategies activities	Resources	Interdisciplinary multidisciplinary	Art integration or sports integration
Topic :National income sub topics:circular flow of income, Basic concepts of national ,income Related aggregates of national income Measurement of National Income Number of periods: 18 Month :April	Students will be able to draw the model of circular flow of income •students will be able to analyse the related aggregates like GDP ,GNP,NDP and NNP •students will be able to estimate national income by value added method income method and expenditure method•	Peer assessment(notebook checking)	Using Media Information Audio based on performance of India according to growth in national income after independence•	Peer assessment sheet	Subject symbol economics business studies and accountancy	Visual circular flow model chart in two sector three sector and 4 sector economy in the form of flowchart○
Topic :Money and banking Sub topics:Functions of Commercial Bank Credit creation by commercial bank • Number of periods :15 Month :June	Students will be able to analyse the evolution of money and banking in India •Students will be able to estimate the LRR and CRR with the help of numerical example •Students will be able to estimate the credit creation by	Rubric (problem solving addressing situations related to banking)	Article writing collaborative group activity	Rubric for project	Life skill exploring banking system subjects involved :Economics Business studies Accountancy	3D model of State Bank of India

	commercial bank with the help of money multiplier•					
Topic d Determination of income and employment sub topics aggregate demand and aggregate supply and excess demand and deficient demand Number of periods: 18 Month July	Students will be able to compile information about employment in a different way by combining element in a new pattern or proposing alternative solution•	Peer Assessment	Reflective enquiry	Peer assessment sheet	Subjects involved economics business studies and accountancy	Flowchart showing growth of employment in India
Topic Government budget Subtopics:Components of budget revenue receipts Revenue expenditure capital expenditure No of periods :15 Month:August	Students will be able to analyse budget and solve the problems to new situations by applying acquired knowledge•	Rubric for project	Researching on current budget	Rubric for project	Accountancy Economics Business studies	Video based on budget
Topic: Balance of payment sub topics:current account and capital account accommodating items autonomous transaction Number of period :15 Month :September	Students will be able to assess themselves and present different opinions by making judgement about information•	PEER assessment	Making of Concept map	Sample of Concept map	Economics Business studies and accountancy	Flowchart showing difference between current account and capital account•
Topic :Development experience and economic growth sub topics :LPG Demonetisation	Students will be able to develop strategy to solve economic problems•Students will be able to know	Notebook	Peer assessing	Peer assessment sheet	Business studies and accountancy	3D model of demonetisation

Number of periods: 28 Month :October	the exact benefits of demonetisation in our country•					
Topic :Current challenges Sub topics:Human capital formation Rural development and sustainable development Number of periods :18 Month :November	Students will be able to analyse capital formation •Students will be able to suggest ideas to improve rural development•	Checklist	Reflective enquiry	Sample of checklist	Business studies and accountancy and economic	3D model of Agriculture Marketing System
Topic :Comparative study of India China and Pakistan Sub topics :Human indicators Number of periods :12 Month :November	Students will be able to evaluate the growth of India with neighbouring countries• Students will be able to determine the human index indicators•	Concept of map	Peer assessing	PEER assessment sheet	Business studies economics in accountancy	Flowchart showing comparative study of India child and Pakistan

ST. PAUL’S CO-ED SCHOOL, BHOPAL

Annual Curriculum and Pedagogical Plan

Class : 12_

Subject : English

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary / Multi-disciplinary	Art Integration or Sports Integration
No. of Periods:						
When:						

Topic:	Students will be able to:	Article writing on the war and the impact of	Approach :	Sample of article writing	Life skills :	Collage or poster on the impacts of war.
The last lesson	.1analyse the impact of war on humans and all the other living beings.	between :	.1Reflective enquiry based method)Peer sssessment.	.1Collaborative	
Sub-topics:	.2Differentiate between the lives of pre and post war.	.1Russia Ukraine	.2Collaborative method	Rubrics for article writing(.2Decision making.	
No. of Periods:	3. Explain the role of the head of the states in influencing the people.	.2Israel hamma	.3Explanatory method		Subjects involved:	
5		.3Manipuris-kukis (any one)	Activities		.1Geography	
Month: April			.1Article writing		.2History	
			.2Group discussion			

Topic: Lost spring	Students will be able to : .1Identify the factors that compels child labour . .2Give examples of individuals who faced challenges and succeeded in life.	Value based questions	Approach : .1Reflective enquiry based.)Videos on slum areas (.2Explanatory method . Activities: .1group discussion .2value based questions	samples of value based questions and rubrics.	life skills: 1. decision making 2. critical thinking 3. problem solving subjects involved 1. economic 2. statistics (impact of one child and number of children on the standard of living	poster making.
No. of Periods: 5						
Month: April						

<p>Topic: my mother at 66</p> <p>No. of periods: 2</p> <p>Month: April</p>	<p>Students will be able to:</p> <p>1. Identify the complication of the relationships between human beings and the fears associated with it, esp. a bone between a mother and a daughter.</p> <p>2. Explain the stream of consciousness technique where one thought leads to another as the poem is written in a single sentence punctuated by commas.</p>	<p>MCQs</p> <p>(Pure assessment)</p>	<p>A:pproach:</p> <p>1.Reflective enquiry based</p> <p>2.Explanatory method.</p> <p>3.Expirential learning.</p> <p>Activities:</p> <p>1.Reading in unision</p>	<p>Sample assessment of for MCQs</p>	<p>Life skills:</p> <p>1. Communicative</p> <p>2.Critical analysis</p> <p>3.Logical thinking.</p> <p>Subjects involved:</p> <p>1. Psychology</p>	<p>Role play of mother and daughter of a given situation.</p>
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Topic: The Third level	Students will be able to:	Competency based questions.	Approach:	Samples of competency based questions.	Skills:	Design stamps
No. of Periods: 4	1. Express their own experience of the insecurity and fear	Rubrics for the questions	1. Explanatory		1. Logical thinking	
Month: June	2. Compare situation of stress and a relax State of mind.		2. Inductive deductive method.		2. Analytical thinking	
	3. Narrate the dreams		Activities:		Subject involved:	
	4. Identify the stamps of some countries		Play a meditative music and children to imagine a situation that make them happy.		1. Philately	
					2. Psychology	

Topic: Deep Waters	Students will be able to: 1. Express their own experience of fear and how they overcame them. 2. Analyse the power of positive thinking 3. Give examples of some famous people and their fears and how they over came them.	Value based questions. Rubrics for the questions.	Approach: 1. Explanatory 2. Experiential 3. Behavioural Activities: Peer Assessment	Sample of value based questions	Life skills: 1.Problem solving 2.Critical thinking Subjects involved: 1. Psychology 2. Philosophy 3. History	
No. of periods: 5						
Month: June						

Topic: Indigo	Students will be able to:	1.Oral questions 2.short speech	Approach: 1. Reflective enquiry based 2. Explanatory Activities: 1. Presentation using information from media 2. Video show of the movie Gandhi.	Sample of oral questions.	Skills: 1. Communication 2. Presentation 3. Analytical skills Subjects involved: 1. History 2. Political science	Visual,: Making of placards using indigo colour.
No. of Periods: 6	1. Discuss the exploitation of the Indigo share properties at the hands of the British planters. 2. Explain the unequal economic system that existed during the British rule. 3. Identify the leadership qualities of Gandhiji. 4. Analyse the pivotal role played by ordinary humans in the fight for independence					
Month: July						

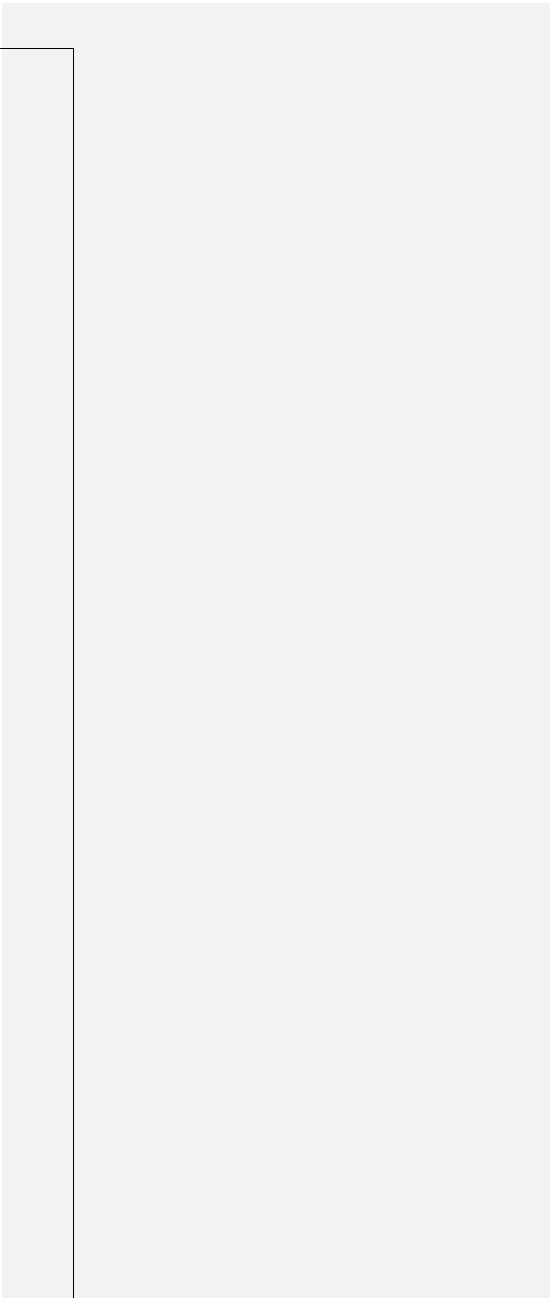
Topic; keeping quiet	Students will be able to:	Speech writing	Approach:	Making of YouTube videos: a few speeches of the students.	Life skills:	Visuals:
No. of Periods: 4	1. Examine their own thoughts and actions		1. Explanatory		1. Communicative	A4 size paper: write about the effects of silence in one's life.
Month: July	2. Express how meditation have brought a positive change in their thought process.		2. Experiential		2. Emphasizing	
	3. Recognise the power of introspection and retrospection and express in the form of speech writing.		3. Reflective enquiry based		3. Decision making	
			Activities:		4. Analytical skills	
			1.Group discussion		5. Self awareness	
			2. Presentation of speech		Subjects involved:	
					1. Philosophy	
					2. Psychology	

Topic The tiger king	Students will be able to: 1. Analyse the role of the head of the states 2. Predict the outcome of a foolish decision taken by politicians 3. Compare the development of a country by a visionary leader and a dictator.	Wordpower Fill-ups MCQs	Approach: 1. Inquiry based 2. Collaborative method Activity: Group discussion	Sample of MCQs	Life skills: 1. Decision making 2. Critical thinking 3. Analytical 4. Collaborative Subjects involved: 1. Political science 2. History 3. Science 4. Value education	Students will show videos of cuisines different countries.
No. of Periods: 5						
Month: July						

Topic: A Thing of Beauty	Students will be able to:	MCQs	Approach:	Sample of MCQs.	Life skills:	Visuals:
No. of Periods: 3	1.Explain the power of nature to remove darkness and negativity.		1.Loud reading of the poem with proper stress & intonation by the teacher.		1. Communication	Draw any form of nature.
Month: July	2.Develop skills of creativity, imagination and aesthetic sense. 3.express the degradation of aesthetic sense among people in their busy monotonous schedule of life.		2.Difficult words will be discussed and explained		2. Creativity	
			Activities.		Subjects involved:	
			Inter-active method adopted by the teacher where day-to-day examples will be used for simple paraphrasing and comprehension of the stanzas.		Life science	

Topic: The Rattrap	Students will be able to:	Value based questions.	Approach	Sample of value based questions	Life skills:	Role play.
No. of Periods:	1. analyse how every human being has an	Rubrics for the questions	1.explanatory		1. Problem solving	
6	essential goodness that can be awakened		2. Experiential		2. Critical thinking	
Month: August	through understanding and love.		3. Behavioral		3. Logical thinking	
	2.explain the metaphorical		Activities:		Subjects involved:	
	implication of the rattrap. 3.explain the		Peer assessment		1. Psychology	
	characteristics of literature to larger cultural and human values.				2. Philosophy	

Topic: Poets and pancakes	Students will be able to: 1.communicate their ideas regarding the Indian Film Industry. 2.enhance their knowledge of the events and personalities in a film company in the early days of Indian cinema. 3.analyse that in the studio the people from different regions and religions working together presented a glimpse of national integration. 4.explain the humour and satire.	Comprehension questions i) Why was Kothamangalam Subbu considered No.2 in Gemini Studios? iii)Textual questions/ Extra questions/ Value based questions/ Character sketches	Approach: 1. Collaborative 2. Experiential Activities: 1.discussion based on – Today’s film technology compared with that of the early days of Indian cinema. --Narrate a humorous piece about the idiosyncrasies of some interesting characters in your neighbourhood or elsewhere.	Samples of comprehension questions.	Life skills: 1. creative 2.logical thinking subjects involved: 1.history 2. Cinematography. 3.Screenwriting and Scriptwriting	Role play
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Topic: The Interview	students will be able to:	rubrics on how to take interviews	approach: 1. collaborative 2. behavioural 3. reflective inquiry based. activities: 1. role play of interview between two famous personalities 2. real life interview stage in the classroom	1. sample of interview questions 2. peer assessment.	skills: 1. behavioural 2. creative thinking 3. logical thinking subjects involved: 1. Journalism 2. psychology	performing art: role play
No. of periods	1. explain how an interview is taken 2. express the pros and cons of an interview 3. discuss about the contemporary aspects of an interview 4. explain how interview has evolved over the years					
Month: August						

Topic: Journey to the end of the Earth	students will be able to:	Textual questions/	approach:	samples of value based questions	life skills:	poster making on the impact of climatic change
No. of periods 7	1.explainhow humans had arrived	Extra questions/ Value	1. behavioural		1. global awareness	
Month: August	2.eplain how climate was much warmer with a variety of flora and fauna.	based questions.	2.reflective inquiry		2. critical thinking	
	3.discussthe disintegration of landmassinto shaping countries in the globe.		3. collaborative		3. analytical	
	4.explain that to study the Earth's past, present and future, Antarctica is the place-the World's geological history .		activities:		4.environmental literacy	
	5.analyse and evaluate the effect ofhuman population and climate change.		1. presenting the answers of the value based question		subjects involved:	
	6.explain how students are the future generation of policy makers				1. geography	
					2.climatology	
					3. Science	

Topic: The Enemy	students will be able to:	Textual exercises/	approach:	samples of value based questios.	life skills:	presentation of value based questions.
No. of Periods 7	1.analyse the situations and characters of the chapter.	Character sketches/ RTC/ Value based questions	1. psychological 2. reflective enquiry 3. collaborative 4. experiential		1. adaptability 2.decision making 3. leadership 4.problem solving 4. information literacy	
Month: October	2.express how people of the world are inherently the same despite the differences in colour, culture and nationalities. 3. discuss how war and narrow – nationalism can shuffle human feeling of love and compassion and turn friends and fellow humans into foe. 4.explain how care, concern, compassion, humaneness can impact a person positively.		activities 1. presentation of value based question 2. researching on why and how the second World war started.		subjects involved: 1. history 2. political science 3.philosophy	

Topic: A roadside stand	students will be able to:	speech writing. peer assessment sheet.	approach: 1. explanatory 2. reflective inquiry 3. evaluate	1.samples of speech writing.	life skills: 1. communicativ 2.analytical thinking 3.social skills	role play of corrupt politicians.
No of Periods: 3	1. explain the pathetic condition of the poor deprived people 2. analyse why poverty exist in a society 3. explain the artificiality of human 4. relative a real life incidence		activities: 1. presentation of the speech writing		subjects involved: 1. sociology 2. political science 3. economic	
Month: October						

Topic:Going Places	students will be able to:	reference to context,	approach:	sample of RTC, short questions and value based questions.	life skills:	Role play
No. of Periods 5	1.explain the relevant information given in the text	short answers and value based answers.	1.behavioral		1.Thinking	
Month: October	2.Interpret and evaluate the setting, plot and characters		2. reflective enquiry based		Skills - imaginative, Negotiating skills, Critical Thinking, Observatory skills, Analytical skills.	
	3.explain how hard work is required to realize dreams		3. experiential		subjects involved:	
	4.differentiate between unrealistic and realistic dreams.		activities: Write their own fantasies		1. psychology 2. philosophy	

Topic: Aunt Jennifer's tigers	students will be able to:	reference to context, and value based questions	approach: 1.explanatory 2.reflective inquiry based. activities: 1.reading the poem aloud with proper intonation, recognize the poetic forms . 2.Discussion on the importance of education & financial stability in a woman's life.	samples of RTC and value based questions .	life skills: 1.Self-awareness 2.Empathy 3.healthy interpersonal relationship 4.dealing with emotions. 5. personal freedom subjects involved: 1.socio political (feminism)	poster on women empowerment
No. of Periods 3	1.expredd the pain of the Discrimination against women. 2. explain the need of empowerment of women 3.empathize and compare the mentioned themes with what they observe themselves.					
Month: November						

Topic: On the face of it.	students will be able to:	notebook	Approach: 1. explanatory 2.reflective enquiry 3. behavioural	sample of comprehension question	Skills: 1.comprehension skill, 2. analytical skill, , 3. observation skills.	role play
No. of Periods 7	situations and characters					
Month : November	of the lesson. 2.explain the pain of actual physical impairment is often much less than the sense of alienation felt by the person with disabilities. 3.gain insight into the loneliness of physically handicapped. 4.eplain that scars do not change a person and that handicaps must be accepted in life and in the society.		Activity: 1.Video based on physically handicapped people will be shown to the students to relate with the lesson. 2..Comprehension uestions. i) Despite his show of Bravado, Mr. Lamb is a lonely man. Do you agree? Give a reasoned answer . 3.character sketches.		subjects involved: 1. psychology 2. sociology	

Topic memories of childhood	<p>students will be able to:</p> <ol style="list-style-type: none"> 1.comprehend the text in detail 2. explain the meaning and usage of new vocabulary 3.express how to respect people from different culture, region and religion 4.express how to stand for injustice and discrimination 5.explain by reflecting on their own about the right perspective of treating underprivileged and marginalis. 	article writing	<p>approach:</p> <ol style="list-style-type: none"> 1. reflecting enquiry 2. collaborative <p>activities:</p> <ol style="list-style-type: none"> 1. group discussion 2. presentation of the groups 	rubrics for the peer assessment of the group presentation	<p>life skills:</p> <ol style="list-style-type: none"> 1. empathy 2..physical thinking 3.analytical thinking 4.self awareness 5. social skills <p>subjects involved:</p> <ol style="list-style-type: none"> 1. political science 2. psychology 3. history 	poster making .
No. of Periods : 6						
Month: November						

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class : XII

Subject : HISTORY

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						
<p>Topic- Bricks Beads and Bones</p> <p>Sub-topics : Seals, script and weights of Harappan civilisation</p> <p>No. Of periods:- 15</p> <p>Month:- April</p> <p>Topic :Theme 2 Kings,Farmers and Towns</p> <p>Sub-topics : Earliest states Mauryan empire</p> <p>No. of Periods: 15</p> <p>Month: April</p>	<p>Students will be able to research and explore the seals and sealings used to facilitate long distance communication.</p> <p>Students will be able to explain major trends in the 6th century BCs to understand the history of the subcontinent</p>	<p>Rubrics</p> <p>Concept map</p> <p>Check list</p>	<p>Approach - Experiential learning Activities and Strategies</p> <p>Concept map</p> <p>Peer assessment</p> <p>Presenting</p> <p>Approach – Reflective enquiry based Activities and Strategies</p> <p>Concept map</p> <p>Presenting</p>	<p>Sample of rubrics sheet</p> <p>Sample of Concept map</p> <p>Check list</p>	<p>Subject – Art and Craft</p> <p>Life Skill – Creativity</p> <p>Subject – Political Science</p> <p>Life Skills - Creativity</p>	<p>3D To make Mesopotamian clay seals,weights and measures</p> <p>Visual – Flow Chart on the administration of Mauryan empire</p>

<p>Topic : Theme 3 Kinship,Caste and Class</p> <p>Sub-topics : Critical addition of Mahabharatha Kinship and marriage Gothra system of women</p> <p>No. of Periods: 15</p> <p>Month: June</p>	<p>Students will be able to examine the varied dimensions explored by historians to understand the</p>	<p>Concept map, Peer assessment</p>	<p>Approach – Collaborative</p> <p>Activities and Strategies Concept map Peer assessment Researching</p>	<p>Sample of concept map and peer assessment</p>	<p>Subjects involved – English</p>	<p>Performing art – Debate on condition of women during the Mahabharatha age</p>
<p>Topic :Theme 4 Thinkers, beliefs and buildings</p> <p>Sub-topics : New religious traditions</p> <p>No. of Periods: 15</p> <p>Month: July</p>	<p>Students will be able to elucidate the rich religious culture and compare the distinct religious facets in ancient India</p>	<p>Concept map</p>	<p>Approach – Collaborative</p> <p>Activities and Strategies- Making of check list</p>	<p>Sample of concept map</p>	<p>Subject involved – English</p> <p>Life Skills - Creativity</p>	<p>Visual – Tabular columns to compare the major religins in ancient India.</p>
<p>Topic :Theme 5 Through the eyes of traveller</p> <p>Sub-topics :</p>	<p>Students will be able to identify the accounts of foreign travellers in order to understand social,political and</p>	<p>Concept map, Peer assessment</p>	<p>Approach – Reflective enquiry based</p> <p>Activities and Strategies</p>	<p>Sample of concept map</p>	<p>Subject involved – Geography</p> <p>Life Skills - Creativity</p>	<p>Visual – Flow Chart to show Ibn – Batuta’s travel to China</p>

Accounts of travelers Ibn Batuta, Al Baruni, Francos Bernier	economic life during the medieval period.		Concept map Presenting			
No. of Periods: 15						
Month: July						
Topic :Theme 6 Bhakthi - Sufi traditions	Students will be able to familiarize with the religious developments.	Peer assessment	Approach – Reflective enquiry based Activities and Strategies Concept map Presenting	Sample of peer assessment	Subject involved – Hindi Life Skills - Communication	Visit to Dargah to know more about the core concept of Islamic Sufism.
Sub-topics : Growth of Sufism Islamic tradition						
No. of Periods: 15						
Month: August						
Topic :Theme 7 An Imperial Capital Vijayanagara	Students will be able to familiarize with the architectural contribution of Vijayanagara empire	Checklist	Approach – Reflective enquiry based Activities and Strategies Concept map Presenting	Sample of check list	Subject involved – Art Life Skills - Creative	3D Make an album of the Royal centre of Vijayanagar
Sub-topics : Royal centre and sacred centre aof Vijaynagar						
No. of Periods: 15						
Month: August						
Topic :Theme 8	Students will be	Concept map,	Approach –	Sample of peer	Subject involved –	3D – Make clay coins

<p>Peasants and Zamindars and the states</p> <p>Sub-topics : Village community Land revenue system Flow of Silver</p> <p>No. of Periods: 15</p> <p>Month: September</p>	<p>able to understand the amount of cash and commodity transaction in India</p>	<p>Rubrics</p>	<p>Experiential</p> <p>Activities and Strategies Researching Presenting</p>	<p>assessment</p>	<p>Art and Craft</p> <p>Life Skills - Creative</p>	<p>issued by Akbar and Aurangzeb</p>
<p>Topic: Theme 10 Colonialism and Countryside</p> <p>Sub-topics : Bengal and the zamindars The Rise of Jotedars Powers of zamindar , jotedars and Ryots Revolt in the countryside</p> <p>No. of Periods: 15</p> <p>Month: October</p>	<p>Students will be able to understand what colonial rule meant to those who lived in country side</p>	<p>Concept map, Peer assessment</p>	<p>Approach – Collaborative Activities and Strategies Concept map Presenting</p>	<p>Sample of Concept map and Peer assessment</p>	<p>Subject involved Computer Science</p> <p>Life Skills - Presentation skill and Creative</p>	<p>Visual – Make a ppt on the life of Zamindars, peasants and artisans in the late 18th century.</p>
<p>Topic :Theme 11 Rebels and Raj</p>	<p>Students will be able to infer the reasons of the revolt of 1857</p>	<p>Concept map, Peer assessment</p>	<p>Approach – Reflective enquiry based</p> <p>Activities and</p>	<p>Sample of Concept map and Peer assessment</p>	<p>Subject involved Hindi</p> <p>Life Skills -</p>	<p>Performing arts – Skit on the immediate cause of the revolt of 1857</p>

<p>Sub-topics : Pattern of rebellion Rumours leading to revolt</p> <p>Acceptance of rumours by people</p> <p>No. of Periods: 15</p> <p>Month: October</p>			<p>Strategies Concept map Presenting</p>		<p>Communicative skill</p>	
<p>Topic : Theme 13 Mahathma Gandhi and nationalist movement</p> <p>Sub-topics : Non cooperation movement Salt Satyagraha Quit India movement</p> <p>No. of Periods: 15</p> <p>Month:</p>	<p>Students will be able to analyse the significant contributions of Gandhiji to understand his mass appeal for nationalism</p>	<p>Concept map and Check list</p>	<p>Approach – Reflective enquiry based Collaborative</p> <p>Activities and Strategies Concept map Presenting Peer assessing</p>	<p>Sample of Concept map and Check list</p>	<p>Subject involved - English</p> <p>Life Skills - Creative</p>	<p>Flow chart to show the role of Gandhiji in the nationalist movement</p>
<p>Topic : Theme 15 Framing the constitution</p> <p>Sub-topics : Vision of the constitution Ideals of constituent</p>	<p>Students will be able to analyse how debates and discussions around important issues in the constituent assembly shaped our constitution.</p>	<p>Concept map and peer assessment</p>	<p>Approach – Reflective enquiry based</p> <p>Activities and Strategies Concept map Presenting</p>	<p>Sample of Concept map and peer assessment</p>	<p>Subject involved – Political Science</p> <p>Life Skills - Communicative skills</p>	<p>Performing arts – Role play of various members of constituent assembly discussing about the drafting of Indian constitution</p>

assembly						
Language of the nation						
Features of the constitution						
No. of Periods: 15						
Month:						

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Annual pedagogical plan 2024-25 Mathematics XII (041)

Topic/sub topic/No.of periods /month	Learning outcomes	Assessment tools	Learning teaching strategies/activities	Resources	Interdisciplinary/ Multidisciplinary	Arts /sports integration
Chapter 1 Relations functions /types of relations /types of functions Periods:10 Month :July	Students will be able to identify different types of relations and functions	Collage or mind map	Reflective inquiry based learning /concept map and problem solving	Sample of Concept map	Eng/drawing /Brief note on relation and function/Free hand drawing of different type of function	
Chapter 2 Inverse trigonometric function/basic concepts Periods:05 Month :July	It will enable students to explore the values of different inverse trigonometric functions	Oral test,assignment	Collaborative method/concept map	Sample of Assignment		
Chapter 3 Matrices /types of matrices/operations on matrices/transpose of matrices. Periods:16 Month :April	Students will evolve the idea of matrices as a way of representing and simplifying mathematical concepts	Class test,work sheet.	Experiential learning/presentation	Sample of Worksheet		Using different small coloured sheets explaining operations on matrices
Chapter 4 Determinants /area of triangle/minor and cofactor/adjoint and inverse Periods:16	Evaluates determinants of different square matrices using their properties	Note book, reflection sheet	Reflective inquiry based learning /concept map and problem solving	Sample of Notebook		Conducting a race for class 12 th boys(X) and girls(Y) and finding inverse on given condition

Month : April						
Chapter 5 Continuity and differentiability/continuity/differentiability/differentiation Periods:20 Month :August	Students will be able to demonstrate ways to relate differentiability and continuity of a function with each other	Mind map,work sheet	Collaborative method/concept map	Sample of Concept map		
Chapter 6 Application of derivative/rate of change/increasing decreasing function/maxima and minima Periods:15 Month :August	It will enable student to apply the concept of differential calculus to calculate the slope of curves	Oral test	Experiential learning/presentation	Sample of Rubrics		
Chapter 7 Integrals /different methods of integration(definite and indefinite) Periods:20 Month :October	Students will be able to develop the process in integral calculus based on the ideas of differential calculus learnt earlier	Class test	Reflective inquiry based learning /concept map and problem solving	Sample of class test		
Chapter 8 Application of integrals/area under simple curve Periods:05 Month :October	It will enable students to apply the concept of integral calculus to calculate the	Note book,reflection sheet	Collaborative method/concept map	Sample of reflection sheet		
Chapter 9 Differential equations/basic concepts/method of solving Periods:15 Month :Differential equations	Students will be able to recognize differential equations and solve	Class test	Experiential learning/presentation	Sample of class test		
Month :September	Students will be able to construct the idea	Peer assessment	Reflective inquiry based	Sample of peer assessment		

	of vectors and their properties and relate them to earlier learnt concepts in different areas of mathematics such as geometry ,coordinate geometry etc.		learning /concept			
Chapter 11 Three dimensional geometry/direction cosines and direction ratios/equation of line in space/shortest distance Periods:12 Month :November	It will enable students to evolve newer concepts in three dimensional geometry from that learnt earlier ,in the light of vector algebra ,such as direction cosines equations of lines	Concept map	Collaborative method/concept map	Sample of concept map		
Chapter 12 Linear programming Periods:08 Month :June	Formulate and solves problems related to maximization /minimisations of quantities in daily life situations using systems of inequalities /inequations learnt earlier	Note book,reflection sheet	Reflective inquiry based learning /concept map and problem solving	Sample of notebook		Using dice finding feasible region in LPP problem
Chapter 13 Probability /conditional probability/multiplication theorem/bayes' theorem Periods:12 Month :July	Calculate conditional probability of an event and uses it to evolve Baye's theorem and multiplication rule of probability	Mind map	Experiential learning/presentation	Sample of concept map		Performing art on conditional probability and multiplication rule

CLASS -12-PHYSICS -2024-25-Annual pedagogical plan	
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[illegible]

Unit-4 Electromagnetic waves Periods-2	Students will be capable of applying their knowledge – To explore how waves behave in various medium.. To measure wavelength and frequency of electromagnetic waves .	Concept map	Activities /concept map and problem solving			Create visual representation of different types of waves using various artistic medium
Month-August Unit-3- Magnetic effect of current and magnetism Periods-20	Apply the concept Biot Savart's law in calculating magnetic field due to current carrying circular loop and straight conductor. Apply the amperes law to calculate the magnetic field due to infinitely long straight wire .straight and toroidal solenoids. Apply the concept of force on a current carrying conductor on a DC motor . Students will be able to calculate the current and voltage sensitivity of moving coil galvanometer. Students will be able to differentiate between temporary and permanent magnet by observing area of hysteresis curve	*Peer assessment sheet *Reflection sheet.	Approach Behavioural/ Experiential learning Activities Using information media	Sample of Worksheet	Life skill *Critical thinking Subject involved *Geography history and mathematics	3D Model- Students can create 3D models of the Earth's magnetic field using materials such as clay, wire, and magnets. They can shape the materials to represent earth's core, mantle, and crust, and then add magnets to illustrate the magnetic poles and field lines.
Month-Sept Unit- 5	Students will demonstrate their	*Note book,	Approach Reflective	Sample of Notebook	Life skill *Critical thinking	Students can paint with conductive paint and then

Electromagnetic induction and AC Periods-15	ability to apply their knowledge How force is generated within an electric circuit. Explain the usage of induction cook tops in the kitchen . Investigate the role of transformers in power transmission .	*Reflect on sheet	inquiry based learning Activities concept map and problem solving		Subject involved *Mathematics	manipulate magnets or electromagnets to alter pattern and colours on the canvas, showcasing the effects of mutual induction in a creative way
Month-October Unit-6 Ray and wave optics Periods-25	Apply the concept of refraction in finding the refractive index of a glass slab . Apply the concept of TIR in cables used in computers and transmission of data. Apply the concept of focal length to calculate the focal length of combination of lenses. Construct astronomical telescope of desired magnification using the concept of angular magnification .	*Mind map, *work sheet	Approach Behavioural/ Collaborative method Activities concept map	Sample of Concept map	Life skill *Problem solving and creativity Subject involved *Drawing mathematics and	Creating mixed media collages that depict the history and evolution of telescopes , incorporating images of famous telescopes throughout history, astronomers who contributed to their developments and key discoveries made using telescopes.
Month-Nov Unit-9 Solids and semiconductor devices Periods-15	Students will be capable of applying their knowledge – In integrated circuits in electronic devices Semiconductor diodes and electronic circuits.	*Peer assessment sheet *Reflection sheet	Approach Experiential learning Activities Using information media	Sample of Rubrics	Life skill Critical thinking and problem-solving Subject involved History and English	Performing art- Students act out the behaviour of electrons in different types of materials based on their energy band diagrams. This theatrical approach can make abstract concepts more engaging and memorable.
Month-Nov Unit-7	Students will be able to –	*Class test,	Approach Collaborative	Sample of reflection sheet	Life skill collaboration and	Interactive demonstration: Students will act out the

Dual nature of radiation and matter	Demonstrate photo electric effect and measure threshold frequencies Study electron diffraction and determine wavelength of electrons Investigate behaviour of particles in different experimental set up .	*Reflecti on sheet	method Activities concept map		communication Subject involved History, English and mathematics	photoelectric effect using props and costumes. They can represent photons as colourful balls, electrons as actors ,and the metal surface as a stage or plat form. This kinesthetic approach helps reinforce the concept through physical movement and participation.
Month-Nov Periods-10 Unit-8 Atoms and nuclei	Students will be capable of applying their knowledge – In nuclear power generation Case studies in pros and cons of nuclear energy	*Notebo ok *Reflecti on sheet	Approach Behavioural/ collaborative Activities Using information media	Sample of class test	Life skill *Problem solving Subject involved *History	Visual Students can create drawings, paintings depicting various aspects of nuclear energy, such as nuclear reactors, nuclear fission, radiation ,or the history of nuclear power.

ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan

Class: XII

Subject : Political Science

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						
Topic :The End of Bipolarity Sub-topics : <ul style="list-style-type: none"> The Soviet system *Gorbachev and the disintegration of Soviet Union * Causes and Consequences of disintegration of Soviet Union * Shock Therapy and its consequences * New entities in world politics * India's relations with Russia and other post-communist countries No. of Period 15 Month: April	The students will be able to:- *Identify the basic features of Soviet System. * Discuss the background and outcome of disintegration of the Soviet Union *Examine the Consequences of unipolar world. * Assess the features of Shock Therapy * Probe into the recent happenings in the post-communist countries * Trace the development between India & Russia	Article PPT(presentation) Group Discussion	Methods Dramatization Lecture ICT Question Answer Discussion Activity Article writing Group-discussion	-Article analysis of relevant news paper - Documentaries (Past & present situations in Post-Soviet Republics - Group Discussion(Causes and consequences of Disintegration	Skills *Creative thinking Analytical Communication Technology literacy Subject-involved <ul style="list-style-type: none"> International History , Languages, Information Technology 	Visual(Documentaries) Fall of the Berlin Wall

<p>Topic:Challenges of Nation Building</p> <p>Sub-topics :</p> <ul style="list-style-type: none"> Challenges for the new Nation Partition : Displacement and Rehabilitation of Princely states Reorganization of states <p>No. of Periods:16</p> <p>Month: JUNE</p>	<p>The students will be able to:-</p> <ul style="list-style-type: none"> Describe the factors that led to the partition of India *Evaluate the role played by leaders in Nation Building. * Analyze the challenges which independent India faced *Assess how language became the basis of reorganization of the sates. 	<p>Note Book</p> <p>Peer assessments</p> <p>Presentation</p> <p>Discussion</p>	<p>Methods</p> <p>Explanation</p> <p>Question – answer</p> <p>ICT</p> <p>Stimulation</p> <p>Activity:</p> <p>Presenting Using information media</p> <p>Live Experiences(meeting people who lived through this period)</p>	<p>-Rubrics for note book</p> <p>-Peer assessment sheet</p> <p>-Create YouTube link</p>	<p>skills</p> <p>Critical thinking</p> <p>Self Confidence</p> <p>Self-awareness</p> <p>Problem solving</p> <p>Sub- involved History, Languages Economics</p>	<p>Map activity</p> <p>Cartoon Interpretation (Visual)</p>	
<p>Topic :Era of one –party Dominance</p> <p>Sub-topics :</p> <ul style="list-style-type: none"> Challenge of building Congress dominance in the first three general elections. Nature of Congress 	<p>The students will be able to:_</p> <p>*make a presentation (cartoon interpretation) on the sustenance of democratic politics in the country.</p> <p>*Evaluate the electoral</p>	<p>Check list</p> <p>presentation</p>	<p>Methods</p> <p>Lecture</p> <p>Question- answer</p> <p>Explanation</p> <p>ICT</p> <p>Discussion</p> <p>Inquiry</p> <p>Activity:</p> <p>Creating Cartoon, using information</p>	<p>-Sample of checklist</p> <p>-Rubric for presentation</p>	<p>Skills</p> <p>Analytical thinking</p> <p>Critical thinking</p> <p>Self confidence</p> <p>Decision-making</p> <p>Sub- involved</p> <p>History</p> <p>Languages- Hind , English, vernacular</p>	<p>visual cartoon interpretation</p> <p>article/Dialogue writing</p>	

<p>dominance of Emergence of opposition parties</p> <p>No. of Periods:8</p> <p>Month: July</p>	<p>politics post-independence * Assess the dominance of the Indian National Congress from 1952 to 1967. Write article/Dialogue on opposition parties</p>		media			
<p>Topic :Politics of planned Development</p> <p>Sub-topics :</p> <ul style="list-style-type: none"> Political contestation The Early initiatives (the First Five year plan, Rapid Industrialization) <p>No. of Periods:12</p> <p>Month: July</p>	<p>The students will be able to:_</p> <p>*Identify the varied option considered by the government to balance growth and socio- economic justice.</p> <p>* Develop a collaborative skills to the need for the planning commission</p> <p>* Evaluate the need for strategic long-term development programmers and policies</p>	<p>Note book Reflective sheet</p>	<p>Methods ICT Reflective inquiry Debate Discussion</p> <p>Activity: Debate on (Comparative analysis) The Left and right ideology</p>	<p>Rubrics for Note book/Discussion Reflective (HOT)questions</p>	<p>Skills: Critical thinking Communication Productivity skill Information literacy</p> <p>Sub-involved</p> <p>Economics, Sociology, History Languages</p>	<p>Visual (fine art) Strategic development policies and programs Planning commission / NITI Aayog</p>

<p>Topic :Contemporary Centres of Power</p> <p>Sub-topics : European Union</p> <ul style="list-style-type: none"> *Association of southeast Asian Nations * Rise of china as an economic power * Japan and south Korea as emerging powers <p>No. of Periods:18</p> <p>Month: July</p>	<p>The students will be able to:_</p> <ul style="list-style-type: none"> *Compare and contrast the importance of European Union and ASEAN. * Summarize India's relations with China. * Evaluate the extent of rise of Chinese economy and its impact on world politics. 	<p>Concept Map Reflection sheet</p>	<p>Methods</p> <p>Discussion Debate Lecture ICT Problem-solving Question and answer</p> <p>Activity:- Debate on EU</p>	<p>Sample of concept map Reflection sheet (comparative study Economic growth of China, Japan and South Korea)</p>	<p>Skills Creative thinking Analytical thinking Critical thinking Media literacy</p> <p>Subjects involved:</p> <p>Economics International Politics History English</p>	<p>Performing art Discussion : importance on regional organizations</p>
<p>Topic:Contemporary South Asia</p> <p>Sub-topics:</p> <ul style="list-style-type: none"> * military and Democracy in Pakistan and Bangladesh. • Monarchy and Democracy in Nepal. • Ethnic conflict and Democracy in Sri Lanka 	<p>The students will be able to:_</p> <ul style="list-style-type: none"> *Reflect upon the causes of various conflicts and movement in this region * Justify the reasons of creation of SAARC. * Evaluate the involvements of US and China in South Asia. 	<p>Map Check list Reflective sheet</p>	<p>Methods Explanation Discussion Lecture ICT Debate</p> <p>Activity: Group discussion</p>	<p>Map activity Sample of check list(Use of Historical data ,news paper clippings, cartoons)</p>	<p>Skills:</p> <p>Critical thinking Problem Solving Analytical thinking</p> <p>Sub-involved History English Geography</p>	<p>Visual Interpretation of cartoons / News paper clippings</p>

<ul style="list-style-type: none"> • India- Pakistan conflicts • India and its Neighbours • Peace and cooperation <p>No. of Periods: 18</p> <p>Month: August</p>						
<p>Topic : International Organization</p> <p>Sub-topics :</p> <ul style="list-style-type: none"> * Meaning and importance of International Organization. * Evolution of the UN * Structure and function of International Organization * Principle organs of UN. * Reform of the UN after Cold War * Reform of Structures, processes and Jurisdiction * India and the UN Reforms * Key Agencies: IMF ,World Bank ,WTO,ILO,IAEA 	<p>The Students will be able to:_</p> <ul style="list-style-type: none"> • Identify and Appreciate International Organizations and the role of United Nations and its agencies. • Reflect on the events taking place in the post- cold war era. • Analyze the need for reforms 	<p>Role play MUN</p> <p>Reflective sheet</p>	<p>Methods ICT Discussion Debate Question - Answer Lecture</p> <p>Group Discussion on India's Role in UN</p>	<p>Rubrics for the MUN</p> <p>Reflective sheet(Interpretation of cartoon, News paper clippings)</p>	<p>Skills:-</p> <p>Decision making Empathy Problem solving Social Tolerance Management skills Critical thinking</p> <p>Sub- involved</p> <p>(Geography, History, Economics , Environmental studies ,International law, International politics English)</p>	<p>Visual/ performing art Interpretation of cartoons of MUN</p>

<p>*NGO: Amnesty International Human Rights Watch</p> <p>* Implications and Future of International Organization</p> <p>No. of Periods: 10</p> <p>Month: August</p>						
<p>Topic :India's External Relations</p> <p>Sub-topics :</p> <p>*International context</p> <p>*The policy of Non-Alignment</p> <p>* Peace and conflict with China.</p> <p>* The Chinese Invasion</p> <p>* War and Peace with Pakistan</p> <p>* Bangladesh War 1971.</p> <p>* India's Nuclear policy</p> <p>No. of Periods:20</p>	<p>The students will be able to:-</p> <p>*Interpret, compare and contrast multi-lateral aspects of Indo-China relationship</p> <p>*Demonstrate knowledge on Indo-Pak Wars</p> <p>*Appreciate the steps taken by Indian Government to develop military capacity</p> <p>* Reflect and introspect on the choices that the country must consider for the cause of</p>	<p>Checklist</p> <p>Presentation</p>	<p>Methods</p> <p>Explanation</p> <p>Discussion</p> <p>Lecture</p> <p>ICT</p> <p>Reflective inquiry</p> <p>Activity:-</p> <p>Debate on India's nuclear policy</p>	<p>-Sample for check list</p> <p>-Research and Report writing</p> <p>Create YouTube link</p>	<p>Skills:-</p> <p>Creativity</p> <p>Critical thinking</p> <p>Communication</p> <p>Analytical skills</p>	<p>PPT Presentation performing art.</p>

Month: August+ September	development and peace building					
Topic : Security in the Contemporary world Sub-topics : Meaning and types of Security <ul style="list-style-type: none"> • Traditional concept of security • Non- traditional concept of security • New Sources of Threats • Cooperative Security • India's Security strategy No. of Periods: 10 Month: September	The Students will be able to :_ *Identify the causes of security threats * Enhance analytical skills to provide solutions to security concerns. * Develop critical thinking about the role of various stake holders in ensuring security today	Concept map Peer assessment sheet	Methods:- Discussion Debate Collaborative approach(group task) Using information media Lecture method	Sample of concept map Peer assessment sheet(comparative analysis)	Skills:- Team building Analytical skills Problem solving Critical thinking	Visual Interpretation of cartoons/ pictures related to concept of security

Topic : Challenges to and Restoration of the Congress System Sub-topics : Challenge of Political Succession *Fourth General Election 1967 * Split in the Congress * The 1971 Election and Restoration of Congress No. of Periods:12 Month: September	The students will be able to:- *Identify the challenges of political succession after Nehru. *Evaluate the opposition unity and the Congress spilt as a challenge to Congress dominance * Analyze the process of restoration of the congress system	Map Check list Portfolio	Methods Explanation Lecture Discussion Reflective inquiry Activity:-Draw cartoon, and interpretation of the same	Map activity Sample of check list	Skills:_ Communication skills Social tolerance Self confidence Emotional skills Critical thinking	Visual – map activity Interpretation of cartoon
Topic : The Crisis of Democratic Order Sub-topics :Background to Emergency <ul style="list-style-type: none"> • Declaration of Emergency • Lessons of the Emergency 	The students will be able to- *Analyze the caused and consequences of Emergency * Examine the lessons of Emergency * Evaluate the rule of Janata Government	Note book Reflection sheet	Methods Lecture Explanation ICT Reflective Inquiry Question - answer Activity:- Debate on Declaration of the emergency	Rubrics for note book/ Hot questions - picture based	Skills Critical thinking Analytical thinking Creativity Problem solving	Visual Presentation) Life of people during Emergency including state. picture during period partner

No. of Periods; 15							
Month: :October							
Topic : Environment and Natural Resources Sub-topics :Environmental Concerns <ul style="list-style-type: none"> • Global commons • Common but differentiated Responsibilities • India's stand on Environmental Movements • Resources Geopolitics • Rights Of Indigenous peoples 	The students will be able to:- <ul style="list-style-type: none"> • Explain and enlist the facts related to global environmental issues • Demonstrate knowledge and appreciation towards India's responsibility in protecting environment • Analyze the need to conserve resources and exhibit responsibility towards prudent use to facilitate sustainable development • Develop the need to conserve critical 	Presentation Reflection Sheet	Methods Reflective Inquiry Debate Discussion Lecture Explanation ICT Activity:- Draw pictures ,common but differentiated responsibilities	Rubrics for presentation(E nvironmental issues) Reflection sheet	Skills:_ Analytical thinking Creativity Critical thinking Problem solving Sub-involved (Geography , History , Environmental studies ,Biology, legal studies,language s)	Performing €Debate discussion Indigenous communities of the world and their concerns Visual Newspaper activity to inculcate concern and environmental morality	art and of the their
No. of Periods:12							
Month: October							

	resources					
Topic : Globalization Sub-topic: Concept of globalization *Causes and Consequences * India and globalization * Resistance to globalization India and resistance to globalization No. of Periods:12 Month: November	The students will be able to:_ Identify the significance of Globalization <ul style="list-style-type: none"> • Elucidate the political, economic, and cultural dimensions of globalization • Critically evaluate the impact of globalization on India • Develop a strategy to resistance movements to Globalization and envisage its future trends 	Note book Check list Write Article	Methods:_ Lecture Discussion Question - answer ICT Activity :- Collage making based on India and its contribution in globalization	Rubric for note book Sample for checklist	Skills:_ Communication Critical thinking Analytical thinking Problem solving Media literacy	Visual Article writing(positive and negative impact of globalization) Interpretation of cartoon
Topic: Regional Aspirations Sub-topics :Region and the Nation <ul style="list-style-type: none"> • Punjab • The Northeast 	The students will be able to:_ <ul style="list-style-type: none"> • Identify the • Implications of regional demands • Analyze the 	Quiz Peer assessment sheet	Methods:- Lecture Discussion Explanation ICT Using information media	Rubrics for Quiz Peer assessment sheet	Skills:_ Critical thinking Inquiry and analysis Communication skills Problem solving	Performing art Group discussion Demands of autonomy in different parts of the country

No. of Periods:15	importance of integrity in India		Activity:- Debate on Regional demands positive and negative impacts .			
Month: December	<ul style="list-style-type: none"> Develop a strategy to appreciate the initiatives taken by the government in dealing with regional aspirations 					

Topic :	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
No. of Periods :						
When:						
Topic : Recent Development in Indian Politics Sub-topics :Context of 1990s <ul style="list-style-type: none"> Era of Coalition *Political rise if the backward classes Communalism 	The students will be able to:_ <ul style="list-style-type: none"> Identify the Nature, trends and developments in Indian politics and its impact Analyze the 	Concept map Note book	Methods:_ Reflective Enquiry Discussion Lecture Question and answer Activity:_ Making concept map related to recent development	Sample of concept map Rubrics for note book	Skills:- Communication skills Productivity Media literacy Critical thinking	Visual Create historical time line of the different developments taking place in present scenario (including partner state)

<p>,Secularism and Democracy</p> <ul style="list-style-type: none">• Emergence of New Consensus• Lok Sabha Elections 2004• Growing Consensus <p>No. of Periods:20</p> <p>Month: December</p>	<p>momentous changes taking place in the nation since 1989.</p> <ul style="list-style-type: none">• Trace the rise and growth of BJP• Develop collaborative skills of the areas of growing consensus					
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ST. PAUL'S CO-ED SCHOOL, BHOPAL
Annual Curriculum and Pedagogical Plan 2024-25

Class: -XII
Physical Education

Subject:

Topic : Management of Sporting Events	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Sub-topics : 1. Meaning and objective of planning 2. Various committees and its responsibilities. 3. Tournaments, fixture procedure 4. Intramural, extramural and specific sports programme – A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths 5. Importance of Diet in Sports-Pre, During and Post competition Requirements	1. Students will be able to make plan of any tournament or for any single activity in their life. 2. Students will be identifying to make different committees and coordinate with these committees. 3. Students will be able to develop the important plan and tournament.	Peer Assessment MCQs	<input type="checkbox"/> Lecture-based instruction, <input type="checkbox"/> Technology-based learning, <input type="checkbox"/> Group learning, <input type="checkbox"/> Individual learning, <input type="checkbox"/> Inquiry-based learning, <input type="checkbox"/> Kinesthetic learning, <input type="checkbox"/> Game-based learning and <input type="checkbox"/> Expeditionary learning. First of all we give general introduction about the chapter then we talk about plan on any topic like anything. We divide student in to two or three group and tell them to make plan for organizing a small party in their home. By these they come out with lot of planning. Then we collect the entire planning step and rearrange in a symmetric order. Like the same if we are going to organize any tournament firstly we know about the fixture in detail. Then student will organize a simple and small tournament in P.E Practical class.	*Rubrics for notebook *Peer assessment sheet	Skill: Leadership Responsibilities Practical Communication Decision making Subject involved Business study, Accountancy, Biology.	Prepare 3-D fixtures of Knockout and League tournaments using the paper mache technique to help students understand the process better.
Number of Periods : 10 Month : April						

[illegible]

Topic : Yoga as Preventive measure for Lifestyle Disease	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Sub-topics : 1. Obesity: Procedure, Benefits & Contraindications for different types of asanas. 2. Diabetes: Procedure, Benefits & Contraindications for different types of asanas. 3. Asthma: Procedure, Benefits & Contraindications 4. Hypertension: Procedure, Benefits & Contraindications for different types of asanas. 5. Back Pain and Arthritis: Benefits & Contraindications for different types of asanas. Number of Periods : 09 Month: August	1. Students will be able to learn that yoga is one of the heritages of India. 2. Students will be able to learn to perform various asana and pranayams. 3. Students will be able to learn to identify the asana and use of asana for correct or reducing the effect of Diseases. 4. Students will be able to make students Understand about the main life style disease - Obesity, Hypertension, Diabetes, Back Pain and Asthma. 5. Students will be able to teach about different Asanas in detail which can help as a preventive Measures for those Lifestyle Diseases	Peer Assessment MCQs	<input type="checkbox"/> Lecture-based instruction, <input type="checkbox"/> Technology-based learning, <input type="checkbox"/> Group learning, <input type="checkbox"/> Individual learning, <input type="checkbox"/> Inquiry-based learning, <input type="checkbox"/> Kinesthetic learning, <input type="checkbox"/> Game-based learning and <input type="checkbox"/> Expeditionary learning. For this chapter we take our class on ground and divided the student into two or three groups in which girls have one group. And give general introduction about yoga .we call one teacher or student who can perform the asana . Then we demonstrate different types of asana and simultaneously we give brief explanation about it like how to perform, benefits of asana ,which asana are helpful for reducing which diseases ,like for diabetes :- bhujang asana , for asthma:- sukh asana, chakra asana, ect.	*Rubrics for notebook *Peer assessment sheet You tube link:- https://youtube.com/watch?v=lm5LnxomFGo&feature=shared	SKILLS Practical Communication Subject involved - Biology	Prepare choreography on any of the folk songs using yogic asanas as movements and poses.

Topic : Physical Education & Sports for (CWSN)	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Sub-topics : 1. Organizations promoting Disability Sports (Special Olympics; Paralympics; Deaflympics) Concept of Classification and Divisioning in Sports. 3. Concept of Inclusion in sports, its need, and Implementation; 4. Advantages of Physical Activities for children with special needs. 5. Strategies to make Physical Activities assessable for children with special needs. Number of Periods : 08 Month : August	To make students understand the concept of Disability and Disorder. 1. To teach students about the types of disabilities & disorders, their causes, And their nature. 2. To make them aware of Disability Etiquette. 3. To make the students Understand the advantage of physical activity for CWSN. 4. To make the students aware of different strategies for making physical activity accessible for Children with Special Needs.	Peer Assessment MCQs	<input type="checkbox"/> Lecture-based instruction, <input type="checkbox"/> Technology-based learning, <input type="checkbox"/> Group learning, <input type="checkbox"/> Individual learning, <input type="checkbox"/> Inquiry-based learning, <input type="checkbox"/> Kinesthetic learning, <input type="checkbox"/> Game-based learning and <input type="checkbox"/> Expeditionary learning.	*Rubrics for notebook *Peer assessment sheet	Skill: Decision making Subject involved - Biology Psychology	Create the Recreation Activities and Audio Visual Program, Modified Sports Equipment , Long Duration Practical Classes

Topic : Sports & Nutrition	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	sources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Sub-topics : 1. Concept of balanced diet and nutrition 2. Macro and Micro Nutrients: Food sources & functions 3. Nutritive & Non-Nutritive Components of Diet 4. Eating for Weight control A Healthy Weight, The Pitfalls of Dieting, Food Intolerance, and Food Myths 5. Importance of Diet in Sports-Pre, During and Post competition Requirements	1.Children have learned the importance of diet in daily life 2. Children have learned to identify the nutritive and non nutritive component of diet. 3. Children have learned the harmful effects of disorder in eating in our daily life. 4. Children have learned about various diseases which occur due to irregular eating in our daily life like obesity.	Peer Assessment MCQs diagrams	<input type="checkbox"/> Lecture-based instruction, <input type="checkbox"/> Technology-based learning, <input type="checkbox"/> Group learning, <input type="checkbox"/> Individual learning, <input type="checkbox"/> Inquiry-based learning, <input type="checkbox"/> Kinesthetic learning, <input type="checkbox"/> Game-based learning and <input type="checkbox"/> Expeditionary learning. First of all we go for general group discussion about our topics and see what all the points come out by the student side and arrange in the systematic order. After that we come to our main points that are relative to the topics, like obesity causes of obesity prevention of obesity, ect. we also make a small class work tell them to make a small chat on what they eat in yesterday after that compile all the points and categorize in two different group one is good for body and second ones less profitable to our body . and tell them to use the food which is good for their health and fitness of the	Rubrics for project and charts You tube link :- https://youtu.be/weLAvmCTZMo?feature=share	Practical Communication Subject involved - Biology	Host a cook-without-fire workshop for the students of your class where a balanced meal will be prepared.

<p>1. Fitness Test – SAI Khelo India Fitness Test in school:</p> <p>Age group 5-8 years/ class 1-3: BMI, Flamingo Balance Test, Plate Tapping Test</p> <p>Age group 9-18yrs/ class 4-12: BMI, 50mt Speed test, 600mt Run/Walk, Sit & Reach flexibility test, Strength Test (Partial Abdominal Curl Up, Push-Ups for boys, Modified Push-Ups for girls).</p> <p>2. Measurement of Cardio-Vascular Fitness – Harvard Step Test – Duration of the Exercise in Seconds $\times 100/5.5 \times$ Pulse count of 1-1.5 Min after Exercise.</p> <p>3. Computing Basal Metabolic Rate (BMR)</p> <p>4. Rikli & Jones - Senior Citizen Fitness Test</p> <ul style="list-style-type: none"> Chair Stand Test for lower body strength Arm Curl Test for upper body strength Chair Sit & Reach Test for lower body flexibility Back Scratch Test for upper body flexibility Eight Foot Up & Go Test for agility Six-Minute Walk Test for Aerobic Endurance <p>5. Johnsen – Methney Test of Motor Educability (Front Roll, Roll, Jumping)</p> <p>Number of Periods: 03</p>	<p>1. Students have learned about the minimum fitness of the body.</p> <p>2. Students have learned how to measure the minimum fitness of the human body at different stages of life.</p> <p>3. Students have learned to identify the test which is used to measure which kind of fitness of a person</p>	<p>Peer Assessment MCQs And practical</p>	<p><input type="checkbox"/> Lecture-based instruction, <input type="checkbox"/> Technology-based learning, <input type="checkbox"/> Group learning, <input type="checkbox"/> Individual learning, <input type="checkbox"/> Inquiry-based learning, <input type="checkbox"/> Kinesthetic learning, <input type="checkbox"/> Game-based learning and <input type="checkbox"/> Expeditionary learning.</p> <p>In this chapter we take student out in the ground and make arrangement for their sitting. We make a platform for performing various movements for the individual. One teacher come and perform various movement related to various test like rakili and jones test, cardio vascular fitness test, motor fitness test.</p>	<p>Rubrics for project and charts</p>	<p>Skill: Leadership Practical Communication</p> <p>Sub involved : Mathematics</p>	<p>Prepare the charts of recommended ranges for all Rikli and Jones - Senior Citizen Fitness Test in braille</p>
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Month: Sept.

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Topic : Physiology & Injuries in Sport	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Sub-topics: 1. Physiological factors determining components of physical fitness 2. Effect of exercise on the Muscular System 3. Effect of exercise on the Cardio-Respiratory System. 4. Physiological changes due to aging 5. Sports injuries: Classification (Soft Tissue Injuries -Abrasion, Contusion, Laceration, Incision, Sprain & Strain; Bone & Joint Injuries - Dislocation, Fractures - Green Stick, Comminuted, Transverse Oblique & Impacted) No. of Periods : 08 Month: Oct.	Understanding the physiological factors determining the <input type="checkbox"/> Components of physical fitness. <input type="checkbox"/> Learning the effects of exercises on the Muscular system. <input type="checkbox"/> Learning the effects of exercises on Cardiovascular system. <input type="checkbox"/> Learning the effects of exercises on the Respiratory system. <input type="checkbox"/> Learning the changes caused due to aging. <input type="checkbox"/> Understanding the Sports Injuries (Classification, Causes, and Prevention). <input type="checkbox"/> Understanding the Aims & Objectives of First Aid	Peer Assessment MCQs Diagram	<input type="checkbox"/> Lecture-based instruction, <input type="checkbox"/> Technology-based learning, <input type="checkbox"/> Group learning, <input type="checkbox"/> Individual learning, <input type="checkbox"/> Inquiry-based learning, <input type="checkbox"/> Kinesthetic learning, <input type="checkbox"/> Game-based learning and <input type="checkbox"/> Expeditionary learning.	Sample of quiz questions	Skill: *Collaboration *Presentation Subject involved - Biology	Using the best-out-of-waste technique make a skipping rope and a spiky rubber ball for exercise.

Topic : Biomechanics and Sports	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Sub-topics : 1. Newton's Law of Motion & its application in sports 2. Types of Levers and their application in Sports. 3. Equilibrium – Dynamic & Static and Centre of Gravity and its application in sports 4. Friction & Sports 5. Projectile in Sports No. of Periods :06 Month: Oct.	1.Students have learned how to used different types of laws and Principles of biomechanics and kinesiology in our sports field or in our daily life activities. 2. Students have learned about the muscles of our body and which muscles are responsible for the movement of which part of the body. 3. students have learned to apply the laws of biomechanics correctly and in efficient way to perform better in sports or competition	*Peer Assessment (MCQs) *Concept based questions & Diagrams	<input type="checkbox"/> Lecture-based instruction, <input type="checkbox"/> Technology-based learning, <input type="checkbox"/> Group learning, <input type="checkbox"/> Individual learning, <input type="checkbox"/> Inquiry-based learning, <input type="checkbox"/> Kinesthetic learning, <input type="checkbox"/> Game-based learning and <input type="checkbox"/> Expeditionary learning. In this chapter we take student in ground and make stand in front of us in a line or in a group. After that we start our lesson topics and explain that with a suitable example related to the sports field like walking we used all 3 law of motion, in sot put throw, running, rolling the ball, we use projectile, in javelin we use the principles of aerodynamic etc.	Sample of Self-Assessment sheet	Practical Communication Subject involved - Physics	Frame five numerical - questions each based on the three laws of motion applied to different sports
Topic : Psychology and Sports	Learning Outcomes	Assessment tools	Teaching Learning Strategies/ Activities	Resources	Inter-disciplinary/ Multi-disciplinary	Art Integration or Sports Integration
Sub-topics :						

<p>1. Concept of Talent Identification and Talent Development in Sports</p> <p>2. Introduction to Sports Training Cycle – Micro, Meso, Macro Cycle.</p> <p>3. Types & Methods to Develop – Strength, Endurance, and Speed.</p> <p>4. Types & Methods to Develop – Flexibility and Coordinative Ability.</p> <p>5. Circuit Training - Introduction & its importance.</p> <p>No. of Periods :06</p> <p>Month: Nov.</p>	<p>Making the students understand the concept of talent identification and methods in sports</p> <p>Making the students. Understand sports Training and the different cycle in sports training. Making the students</p> <ul style="list-style-type: none"> • Understand different types & methods of strengths, endurance, and speed. • Making the students Understand different types & methods of flexibility and coordinative ability. • Making the students understand Circuit training and its importance. 	<p>*Peer Assessment (MCQs)</p> <p>*Concept based questions</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Lecture-based instruction, <input type="checkbox"/> Technology-based learning, <input type="checkbox"/> Group learning, <input type="checkbox"/> Individual learning, <input type="checkbox"/> Inquiry-based learning, <input type="checkbox"/> Kinesthetic learning, <input type="checkbox"/> Game-based learning and <input type="checkbox"/> Expeditionary learning. 	<p>Sample of concept-based questions</p>	<p>Skill:</p> <p>Leadership</p> <p>Communication</p> <p>Creative thinking</p> <p>Collaboration</p>	<p>Make your own exercise equipment. Collect old plastic bottles and sand to make dumbbells of different weights from them. Similarly make a skipping rope out of old plastic bags.</p>
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