

**CARMEL CONVENT SR SEC SCHOOL, RATANPUR, BHOPAL.  
YEAR PLANNER : 2024-25**

**STD: VII  
SUBJECT: English**

Month / No of Working Days	Name of the Unit / Chapter/Topic	Time Alloted for Each Unit	Learning Outcomes	Suggested Activities/ Projects under Internal Assessment/Practicals	Art Integrated Activity/Art Integrated Project	Assessment (Including 50% Competency Based Assessment)	Time Spend for Project and Homework
<b>APRIL</b>	<b>Literature –</b> <b>Ls. 1</b> The Question of Mangoes. <b>Poem 1</b> - Sick <b>Grammar –</b> <b>Unit 1</b> Main Verbs, Helping Verbs, Transitive and Intransitive Verbs.	12 = 5+3+4	Develop an ability to construct meaning by drawing inferences and relating the texts with previous knowledge.	Completion of question-answers and exercises of the grammar lessons	Individual Activity : Collect pictures with suitable examples for making wall hanging regarding any 5 poetic devices.	* Dictation Test * Character Sketch * Worksheet based on grammar lessons.	8
<b>JUNE</b>	<b>Literature –</b> <b>Ls. 2</b> The Hound of Baskervilles <b>Grammar –</b> <b>Unit 1</b> Finite and Non-Finite Verbs, Modal Auxillaries, Subject - Verb Agreement. Writing skill - Formal letter.	8 = 4+3+1	Develop an ability to speak fluently and accurately in a variety of situations meaningfully.	Picture story/ class activity (Ls.4 My Financial Career) * Learn how to draft a formal letter.		* Dictation Test * Class Test * Character Sketch	4

<p><b>JULY</b></p>	<p>[ <b>PT 1 Exam</b>  <b>Literature-</b>  <b>Ls 1</b>  <b>Poem 1</b>  <b>Grammar- Unit 1 ]</b>  <b>Literature –</b>  <b>Ls 3</b> A Visit to  Ajanta And  Ellora  <b>Poem 2</b>  Questions  <b>Grammar –</b>  <b>Unit 6</b>  Sentences: Declarative,  Imperative, Interrogative,  Exclamatory and  Sentences : Simple,  Compound and Complex,  Phrases.  Writing skill-  Diary Entry.</p>	<p>15=3+4+3+5</p>	<p>* Realise the uniqueness of Indian culture, heritage and its contribution to the world of knowledge.  * Develop grammatical competencies moving from procedural knowledge (from use or meaning) to declarative knowledge (form)</p>	<p>*.Collect pictures of the Ajanta and Ellora Caves and Information about its importance to Indian heritage  *Students will learn how to draft a diary entry.</p>	<p>Group discussion on the historical monuments in India and their importance.</p>	<p>Revision and PT 1 Exams.</p>	<p>8</p>
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<b>AUGUST</b>	<b>Literature –</b> <b>Ls 5</b> India's Pride – Mangalyaan <b>Poem 3</b> From a Railway Carriage <b>Grammar –</b> <b>Unit 3</b> The Present Tense, The Past Tense, The Future Tense Writing skill - Message writing.	15=5+8+2	Develop imagination, creativity and aesthetic sensibility, and appreciation.	* Self- Composed Poem and recitation. * Preparation of tense chart to understand the differences between tenses.		* Dictation Test * Class Test * Summary of the poem	8
<b>SEPTEMBER</b>	<b>Term 1 Exam</b> Literature- Ls1,2,3 and 5 Poems 1,2 and 3 Grammar- <b>Unit 1,3 &amp; 6</b> Writing Skills- Formal Letter Writing, Diary Entry and Message Writing	21 (Examination)				Revision and Term 1 Exam	4

<p><b>OCTOBER</b></p>	<p><b>Literature –</b>  <b>Ls 6</b> The Fun They Had  <b>Ls 7</b> The Magic Thread  <b>Poem 5</b>  Sailing Out to Space  <b>Grammar –</b>  <b>Unit 2</b>  Pronouns,  Adjectives,  Adverbs  Writing skill - Notice writing.</p>	<p>10=3+3+4</p>	<p>Develop an ability to speak fluently and accurately in a variety of situations meaningfully.</p>	<p>Students will learn to draft a message,group discussion on hardwork or short cuts lead to success.</p>		<p>* Oral Test  * Factual description  * Worksheet based on the lessons as well as grammar lessons</p>	<p>8</p>
<p><b>NOVEMBER</b></p>	<p><b>Literature –</b>  <b>Ls 8</b> The Last Leaf  <b>Poem 6</b> The Seven Ages of Man (Oral)  <b>Grammar –</b>  <b>Unit 4</b>  Direct and Indirect Speech,  Active and Passive Voice.</p>	<p>15=4+4++5+2</p>	<p>Use language as a skill for real life purposes.</p>	<p>Poem recitation completion of question and answers and exercise of grammar lessons</p>	<p>Individual activity:Character r portrayal activity based on the characters present in the chapter.</p>	<p>* Dictation Test  * Class Test  * Poem recitation</p>	<p>8</p>

<b>DECEMBER</b>	<p>[ <b>PT 2 Exam</b></p> <p><b>Literature-</b> Ls. 6 Poem 5</p> <p><b>Grammar -</b> Unit 2 ]</p> <p><b>Literature –</b> <b>Poem 7</b> Hope is the Thing with Feathers</p> <p><b>Grammar –</b> <b>Unit 5</b> Prepositions, Conjunctions. Writing skill - Descriptive paragraph writing.</p>	14=2+2+4+4+ 2	Develop grammatical competencies moving from procedural knowledge (from use or meaning) to declarative knowledge (form)	Students will practice the ways of drafting descriptive paragraphs, using their own imagination.		<b>Revision and PT 2 Exam</b> * Pop quize * Summary of the poem	5
<b>JANUARY</b>	<p><b>Literature –</b> <b>Ls 9</b> The Happy Man’s Shirt</p> <p><b>Poem 4</b> The Dentist and the Crocodile</p> <p><b>Grammar –</b> <b>Unit 7</b> Vocabulary</p>	14=3+5+6	Develop imagination, creativity and aesthetic sensibility, and appreciation	*Character presentation, question-answers discussion,experient ial discussion,		* Character portrayal * Poem recitation and summary of the poem.	10

<b>FEBRUARY</b>	<b>Term 2 Exam</b> <b>Literature</b> Ls 6,7,8 and 9 Poems- 5,6 and 7 <b>Grammar –</b> <b>Unit 2,4,5 &amp; 7</b> <b>Writing Skills-</b> Letter writing, Notice writing and Descriptive Paragraph Writing	23 (Examination)				Revision and Term 2 Exam	
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NAME OF THE INCHARGE TEACHERS : Mrs Diana Ernest, Mrs Anju Prasad, Miss Sadaf Masood

SIGNATURE OF PRINCIPAL

SIGNATURE OF THE SUBJECT  
COORDINATOR:







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**CARMEL CONVENT SR SEC SCHOOL RATANPUR BHOPAL**

**ACADEMIC PLAN 2024:25**

**STD: VII**

**SUBJECT: HINDI**

MONTH	NAME OF THE UNIT/ CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT (IN HRS.)	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ INTERNAL ASSESMENT (SEA & MT) INCLUSIVE ACTIVITY (WEEKLY)	ART INTEGRATED ACTIVITY/ ART INTEGRATED PROJECT	P R A C T	ASSESSMENT ( INCLUDE 50% COMPETANCY BASED ASSESMENT)	TIME SPENT FOR PROJECT & HW (IN HRS.)
APRIL 2024	परिवेश: 1 उनको नमन करें	4	*दृढ निश्चय, साहस, शौर्य, पराक्रम ,देशप्रेम, देश की सुरक्षा की भावना का विकास होगा। *बुद्धि पर विश्वास, भाग्य के बजाय कर्म पर विश्वास , निर्णय लेने की क्षमता का विकास होगा। *भाषा का इतिहास ,बोली, लिपि,व्याकरण के ज्ञान में वृद्धि होगी।	*आप सैनिक नहीं है पर देश की सेवा किस प्रकार कर सकते हैं?(3) *जीवन में आगे बढ़ने के लिए बुद्धि और भाग्य में क्या महत्वपूर्ण है?(3) *किन्ही दस विदेशी भाषाओं के नाम लिखिए।(2)	*शौर्य पराक्रम हेतु सैनिकों को मिलने वाले पाँच पुरस्कारों के मॉडल बनाकर कार्ड बोर्ड पर विवरण सहित चिपकाइए ।(2)		*शौर्य पराक्रम हेतु सैनिकों को मिलने वाले पुरस्कारों की सूची बनाइए।(1) *संकेतों के आधार पर प्रश्नों के उत्तर लिखिए।(1)	12
	3 बुद्धि और भाग्य	4						
	व्याकरण: 1 भाषा, बोली, लिपि और व्याकरण	4						
	2 वर्ण विचार	3						
JUNE 2024	परिवेश: 4 पेड़: दो कविताएँ	4	*प्रकृति प्रेम एवं संरक्षण, निस्वार्थ सेवा भाव एवं पशु पक्षियों के प्रति सेवा भावना का विकास होगा। *नवीन शब्दों का निर्माण सीखेंगे।	*वृक्षों से प्राप्त होने वाली लाभदायक वस्तुओं की सूची बनाइए।(4)		*धरती में उगने वाली फसलें और धरती से प्राप्त खनिज सम्पदा के नाम लिखें।(2)	8	
	व्याकरण: 4 उपसर्ग, प्रत्यय और समास	5						
	5 शब्द विचार	4						*संकेतों के आधार पर शब्द पहली पूर्ण करें।(2)

<p><b>JULY 2024</b></p>	<p>परिवेश : 5 कर्तव्यबोध 6 नीलू व्याकरण : 6 संज्ञा 7 लिंग 8 वचन 17 शब्द भंडार 18 वर्तनी सम्बन्धी .... 25 पत्र लेखन 26 अनुच्छेद लेखन</p>	<p>4 3 2 , 2 2 1 1 2 2</p>	<p>*अधिकार व कर्तव्य पालन , ईमानदारी, मित्रता, मातृभूमि प्रेम आदि भावना का विकास होगा ।  *समझदारी, वफादारी, स्वाभिमान, कर्तव्य, मानवीयता, सहयोग, पशु प्रेम की भावना का विकास होगा ।  * व्याकरण पाठों द्वारा भाषा ज्ञान में वृद्धि तथा शुद्ध वर्तनी के साथ पत्र व अनुच्छेद लिख पाएंगे।</p>	<p>*"कर्तव्यबोध" कहानी को संक्षेप में संवाद रूप में लिखिए ।(2)  *जानवरों की देखभाल के लिए कार्य करने वाली संस्थाओं के नाम लिखिए ।(2)</p>	<p>*प्राकृतिक आपदा के समय वन्यजीवों की दशा तथा बचाव - दल द्वारा पशुओं की सहायता को दर्शाते हुए चित्र A4 साइज़ शीट में लगाइए ।(4)</p>	<p>*इकाई परीक्षा 1 (1)</p>	<p>9</p>
<p><b>AUGUST 2024</b></p>	<p>परिवेश: 7 रिश्वत फंड 8 आ रही रवि की सवारी व्याकरण: 9 कारक 10 सर्वनाम 19 मुहावरे 20 संवाद लेखन 28 अपठित बोध</p>	<p>4 3 2 2 1 2 2</p>	<p>*अच्छी वाक्शक्ति, तार्किकता, रचनात्मक सोच,समस्या समाधान, निर्णय लेने की शमता का विकास होगा ।  *प्रातः कालीन सौंदर्य के प्रति उत्साह, कल्पना शक्ति का विकास होगा ।  *व्याकरण पाठों द्वारा भाषा पर पकड़ मजबूत होगी एवं भाषाई कौशल का विकास होगा ।</p>	<p>*भ्रष्टाचार एवं बेईमानी को रोकने हेतु कुछ उपायों पर सामूहिक चर्चा । (3)  *सूर्य की जीवन दायिनी शक्तियों की विशेषताओं पर सामूहिक चर्चा । (3)</p>		<p>*उपभोक्ता संरक्षण कानून पर जानकारी एकत्रित करे । (2)  *पृष्ठ 73 पर दिए गए चित्र का वर्णन कीजिए । (2)</p>	<p>10</p>

<p>SEPTEMBER 2024</p>	<p>परिवेश : 9 माता को पत्र व्याकरण : 23 विज्ञापन लेखन</p>	<p>4 3</p>	<p>*माँ और भारत माता के प्रति प्रेम एवं सम्मान, देश की उन्नति में सहयोग व स्वजागरूकता   *किसी उत्पाद हेतु विज्ञापन की आवश्यकता एवं महत्व को समझेंगे</p>	<p>*शिक्षा हमारे लिए क्यों आवश्यक है विषय पर परिचर्चा  (4) *किसी एक उत्पाद का आकर्षक विज्ञापन तैयार कीजिये   (3)</p>		<p>*अपठित गद्यांश पर आधारित प्रश्नों के उत्तर लिखिए  (2) *अर्ध वार्षिक परीक्षा (3)</p>	<p>12</p>
<p>OCTOBER 2024</p>	<p>परिवेश : 10 सूर के पद 11 परीक्षा व्याकरण : 11 विशेषण 12 क्रिया</p>	<p>4 3 3 3</p>	<p>*बहुभाषा का ज्ञान, वात्सल्य प्रेम, विभिन्न मनोभावों का प्रकटीकरण   *ईमानदारी , कर्तव्यनिष्ठा , आत्मबल , समझदारी , हिम्मत , सहयोग , सहानुभूति ,साहस आदि गुणों का विकास होगा   *व्याकरण पाठों द्वारा भाषा ज्ञान पुष्ट होगा  </p>	<p>*सूरदास जैसे कृष्णभक्त कवियों के नाम तथा उनकी रचनाएँ लिखिए  (2) *भारत के किसी एक राज्य के खानपान , वेशभूषा, जीवनशैली की जानकारी एकत्रित कीजिये  (2)</p>	<p>*मध्य प्रदेश तथा बिहार के प्रमुख धार्मिक त्योहारों तथा दोनों प्रदेश की वेशभूषा के चित्र स्ट्रैप बुक में जानकारी सहित चिपकाइए  (5)</p>	<p>*सूरदास का कोई एक पद याद करके कक्षा में सुनाइए  (1) *राजस्थान के कुछ किलों के नाम और वे किस शहर में स्थित हैं उनके नाम लिखिए  (2)</p>	<p>12</p>
<p>NOVEMBER 2024</p>	<p>परिवेश : 13 एक तिनका 14 हार की जीत व्याकरण : 13 काल 14 अव्यय</p>	<p>4 4 3 3</p>	<p>*अहंकार का त्याग , वास्तविकता का ज्ञान , पारस्परिक संबंधों का महत्व समझेंगे   *सादा जीवन उच्च विचार का भाव , परोपकार की भावना , दुःख अवसाद पर नियंत्रण करना एवं हृदय की संवेदनाओं को समझ पाएंगे   *भाषा का उचित प्रयोग सीखेंगे व भाषाई कौशल का विकास होगा  </p>	<p>*घमंडी मनुष्य समाज के लिए किस प्रकार घातक हो सकते हैं..विषय पर कक्षा परिचर्चा (3) *खड़गसिंह , अंगुलीमाल , एवं बाल्मीकि के बारे में जानकारी एकत्रित कर कक्षा में परिचर्चा करें  (2)</p>		<p>*दोनों पाठों के अंत में दिए गए बुद्धिविलास और वर्ग पहेली के प्रश्न हल करें  (2) *अपठित गद्यांश के प्रश्नों के उत्तर दीजिये  (2)</p>	<p>9</p>

DECEMBER 2024	परिवेश : 15 उखड़े खंभे	4	*भ्रष्टाचार का विरोध करेंगे , मुनाफाखोरों को सजा दिलवाएंगे , लोगों के हित तथा न्याय की भावना का विकास होगा ।	*एक सप्ताह की कुछ बड़ी खबरों को कक्षा में सुनाइए ।(3)			*भ्रष्टाचार से सम्बंधित चुटकुले कक्षा में सुनाइए ।(2)	9
	व्याकरण : 15 वाक्य विचार	4	*व्याकरण पाठों द्वारा उचित	*विराम चिहनों को बनाते हुए			*इकाई परीक्षा 2 (1)	
	16 विराम चिह्न	3	विराम चिहनों का प्रयोग व सही वाक्य विन्यास सीखेंगे ।	उनके नाम की तालिका बनाइए ।(3)				
JANUARY 2024	परिवेश : 16 कब जागेगा मानव	5	*पर्यावरण के प्रति जागरूकता , प्राकृतिक संसाधनों का महत्व समझेंगे एवं संरक्षण करेंगे , वैज्ञानिक दृष्टिकोण					
	व्याकरण : 25 पत्र लेखन	3	विकसित होगा ।	*जल संरक्षण को दर्शाता हुआ एक पोस्टर बनाइए ।(3)			*प्राकृतिक संसाधनों एवं संरक्षण पर कक्षा परिचर्चा ।(3)	6
	26 अनुच्छेद लेखन	2	* पुनरावृत्ति द्वारा व्याकरण पाठों तथा भाषा पर पकड़					
	28 अपठित बोध	2	मजबूत होगी ।					
FEBRUARY 2024	वार्षिक परीक्षा हेतु पुनरावृत्ति		पुनरावृत्ति	पुनरावृत्ति			वार्षिक परीक्षा (3)	3

NAME OF THE SUBJECT TEACHER : VINITA CHILHATE

SIGNATURE OF THE SUBJECT CO-ORDINATOR : \_\_\_\_\_

**CARMEL CONVENT SR. SEC. SCHOOL RATANPUR, BHOPAL**  
**YEAR PLANNER 2024-2025**

**CLASS : 7TH**

**SUBJECT: PHYSICS**

NAME OF THE UNIT /CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ INTERNAL ASSESSMENT(SEA &MT)/ INCLUSIVE ACTIVITY (WEEKLY)	ART INTEGRATED ACTIVITY/ART INTEGRATED PROJECT	PR AC TIC AL S	ASSESSMENT(IN CLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJEC T AND HOME WORK
CHAPTER-4 (HEAT)	5 hrs	At the end of the lesson students will understand 1. Heat and its effects 2. Measuring Heat 3. Measuring temperature and their instruments	Collect some materials or objects that do not catch fire or easily melt. Heat them from one end to another end . Note down the time by which you feel the other hand too hot to hold the substance. Then arrange the substance in the increasing order of time taken.	Find out about infrared photography. It is based on the heat emitted by the body. Find where is it used.		Worksheet based on heat and its applications	4 hrs
CHAPTER-4 (HEAT)	4 hrs	At the end of the lesson students may able to understand	To observe in day to day the process of heat flow and make a flow chart based on it	make a model on sea breeze and land breeze showing convection		Worksheet based on the different mode of heat flow and its applications in	3 hrs

<p>JULY CHAPTER 9</p> <p>Motion and Time</p>	<p>10 hrs</p>	<p>1. transfer of heat</p> <p>2. conduction , convection and radiation in our lives</p> <p>At end of the lesson students will understand slow and fast motion. Time and measurement. Speed Representing motion in a graph. Calculation of speed from Distance-Time Graph. Motion of a pendulum</p>	<p>Find out about history of Jantar Mantar. Find out how it was used to find time.</p>	<p>current phenomenon.</p> <p>Make a sand clock.</p>	<p>our daily life.</p> <p>Worksheet and Exercises.</p>	<p>4 hrs</p>
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**CLASS : 7TH**

**SUBJECT: PHYSICS**

NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ INTERNAL ASSESSMENT (SEA & MT)/ INCLUSIVE ACTIVITY (WEEKLY)	ART INTEGRATED ACTIVITY/ART INTEGRATED PROJECT	PRACTICALS	ASSESSMENT (INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOMEWORK
JULY PT-I  CHAPTER 4 HEAT							
AUGUST  CHAPTER 10 ELECTRIC CURRENT AND ITS EFFECTS	5 hrs	Students will understand: 1. Electric circuits and current. 2. Components of an electric circuit and symbols. 3. Effects of electric current.	Collect different vegetables, fruits and other vegetables and try to find out whether they conduct electricity or not. List them as conductors and insulators.	Make a creative working model of electric circuit.		Worksheets and Exercises. Learn the answers.	2hrs
SEPTEMBER TERM 1 Chapter-4 and 9 OCTOBER CHAPTER 10 ELECTRIC CURRENT AND ITS EFFECT	7 hrs	Electromagnetism. Working of electric bell.	Describe one day in your life without electricity. Mention all the			Make a list of electric appliances available in your home. Note down how much	3hrs 3 hrs



NOVEMBER CHAPTER 11 LIGHT	5 hrs	At the end of the lesson you will understand: Reflection from plain mirror. Light and its Properties. Reflection of light from curved mirror.	essential activities that you failed to do.  Explain the activity to show that light travels in a straight line.	current they need to work. Compare by making bar graph.	Worksheets and Exercises. Group activity. Oral Test.	3 hrs
DECEMBER CHAPTER 11 LIGHT	3 hrs	At the end students will understand: Uses of spherical mirror. Lenses and their working	Make a Newton Disc Showing white light is made up of 7 colors.		Worksheets and Exercises.	3 hrs
JANUARY REVISION	4 hrs					
FEBRUARY TERM – 2 CHAPTER 10&11						

**NAME OF INCHARGE TEACHERS: MRS. SAPNA NAIR & MR. JAIDEEP MATHEW**

**SIGNATURE OF SUBJECT CORDINATOR: MRS. SANDESHA DANI**

**SIGNATURE OF PRINCIPAL:**

CARMEL CONVENT SR SEC SCHOOL, RATANPUR  
YEAR PLANNER:2024-25

CLASS : 7

SUBJECT:CHEMISTRY

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ INTERNAL ASSESSMENT (SEA &MT)/ INCLUSIVE ACTIVITY(WEEKLY)	ART INTEGRATED ACTIVITY/ ART INTEGRATED PROJECT	ASSESSMENT (INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOMEWORK
APRIL and JUNE	Lesson-4 ACIDS, BASES AND SALTS	16hrs	<p>Students will identify Acids, Bases on the bases of their properties.</p> <p>They will be able to conduct simple investigation by observing the change in Indicators as (Litmus, China rose, Turmeric and phenolphthalein)</p> <p>They will be able to write word equation for chemical reactions e.g., acid base reactions, they will be able to corelate Application of Neutralization reaction in daily life.</p>	<p>Make a turmeric paper card and observe the colour change taking place with base (soap solution with the help of cotton bud)</p> <p>To observe the colour, change with acid and base using China rose as an indicator</p> <p>To make a chart showing the common acids and bases with their properties</p>	<p>To make a thumb painting using natural indicators.</p> <p>To make a collage showing the cause and consequences of acid rain</p>	<p>Brain storming session including quiz, puzzle, worksheet, survey, case study, assertion /reasoning etc</p> <p>They will find out how soap is made.</p> <p>They will make a list of acidic and basic food items and will find which are the commonly used and why.</p>	9 hrs

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CLASS : 7

SUBJECT:CHEMISTRY

						<p>Solve the worksheet on competency-based questions</p> <p>As: -</p> <ol style="list-style-type: none"> <li>1. Can a dilute acid can be made from concentrated acid?</li> <li>2. Why pickles are always stored in glass bottles?</li> </ol>	
JULY/ AUGUST	Lesson-13  WASTE WATER STORY	14 hrs	<ul style="list-style-type: none"> <li>• They will be able to understand the value or importance of water in life time.</li> <li>• They will be able to identify the causes of water contamination from various sources.</li> </ul>	Make a pictorial chart showing how the water get polluted through the various sources and its effect on aquatic life.	Find out what are the local laws about waste water disposal in your city.  Write a report on how faulty sewer lines	<p>When and why the "GANGA ACTION PLAN" was launched?</p> <p>What is Bhoj wetland project?</p>	6hrs

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CLASS : 7

SUBJECT:CHEMISTRY

			<ul style="list-style-type: none"> <li>• They will get the knowledge about various microbial, organic and inorganic contaminants of sewage.</li> <li>• Students will know the various physical, biological and chemical process involved in the treatment of polluted water through waste water treatment plant (Screening, grit tank, sedimentation tank, aeration, chlorination)</li> <li>• They will know about the Importance of better housekeeping practices to maintain the sanitation near their surroundings and public places.</li> <li>• They will be able getting the</li> </ul>	<p>Make a poster on “water is life” with slogan.</p> <p>Make a labelled drawing showing the alternative arrangement of sewage disposal (septic tank)</p>	<p>increase the risk of water-borne diseases.</p> <p>Write a paragraph about the “GANGA ACTION PLAN”</p>	<p>Why the release of various waste in local water bodies is banned?</p> <p>JULY PT-1 Lesson-4 Acid, bases and salts</p>	
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CARMEL CONVENT SR SEC SCHOOL, RATANPUR  
YEAR PLANNER:2024-25

CLASS : 7

SUBJECT:CHEMISTRY

			knowledge of alternative arrangements for sewage disposal				
SEPTEMBER						HALF-YEARLY EXAM Ls-4 Acid. Bases and salts Ls-13 Wastewater story	
OCTOBER/ NOVEMBER	Lesson-5 PHYSICAL AND CHEMICAL CHANGE	15hrs	<ul style="list-style-type: none"> <li>Students will be able to understand how the arrangement of particles undergoes change in Physical change without changing its composition (as change in shape, size, form and colour)</li> <li>They will know about the process of Crystallisation</li> <li>They will know about the chemical changes and its characteristics.</li> </ul>	<p>To observe what happens to ice cube</p> <ol style="list-style-type: none"> <li>when kept at room temperature.</li> <li>on heating.</li> <li>when water boils</li> <li>on the lower surface of lid.</li> <li>On keeping back in freezer.</li> </ol> <p>To find out whether you get the salt back from salt solution by keeping the plate in sunlight.</p>	<p>Make a list of all things you do from morning till night, and classify them as physical and chemical changes. Compare the chart among your classmates and conclude which type of changes are more common.</p>	<p>“Why the famous iron pillar near Qutub Minar does not rust.” Collect information and write report on your findings.</p> <p>Why there is a warning written on tetra pack juices <b>“DO NOT BUY IF</b></p>	8hrs

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YEAR PLANNER:2024-25

CLASS : 7

SUBJECT:CHEMISTRY

			<ul style="list-style-type: none"> <li>• They will be observing the various chemical changes taking place around them and categorise as useful or undesirable chemical changes.</li> <li>• Students will learn about corrosion as Rusting and the various methods to prevent rusting (greasing, electroplating, galvanisation, alloying)</li> </ul>	<p>To perform the activity showing what happens when baking soda is added to vinegar and observe what happens when burning candle in brought near the gas evolved in this reaction.</p> <p>To observe the suitable condition required for rusting to take place when iron nail is kept in</p> <ul style="list-style-type: none"> <li>• In air</li> <li>• In boiled water</li> <li>• In sand</li> <li>• In air and water</li> </ul> <p>To observe what happen to an iron when placed in</p>	<p>Using copper or iron wire, show your creativity on A-4 size card board (keep half painted and half remain as it is)</p>	<p><b>THE PACK IS PUFFY”</b></p> <p>Why rusting is very common in coastal areas then in plains or desert areas?</p>	
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CARMEL CONVENT SR SEC SCHOOL, RATANPUR  
YEAR PLANNER:2024-25

CLASS : 7

SUBJECT:CHEMISTRY

				copper sulphate solution. Note down the colour changes.			
DECEMBER	CLASS-ACTIVITY ON PHYSICAL AND CHEMICAL CHANGES					PT-2 LESSON-5 PHYSICAL AND CHEMICAL CHANGES	
JANUARY	REVISION					REVISIONS	
FEBRUARY						FINAL EXAM- PHYSICAL AND CHEMICAL CHANGES	

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YEAR PLANNER:2024-25

CLASS : 7

SUBJECT:CHEMISTRY

NAME OF INCHARGE TEACHERS: ZEENAT ARIF

SIGNATURE OF SUBJECT CORDINATOR: PRAGATI VIJAY

SIGNATURE OF PRINCIPAL:





## CARMEL CONVENT SR SEC SCHOOL, RATANPUR, YEAR PLANNER: 2024-25

**CLASS: VII**

**SUBJECT: BIOLOGY**

October & November	Transportation in Animals and Plants	08 HRS	Students will understand process of diffusion, mode of transport, circulatory and vascular system, blood, vessels and heart, excretion in animals, transport of substances in plants, translocation and transpiration	Find out the blood group of all your family members. Then make a chart of blood groups that each one can receive from, in case of an emergency.	1. Demonstrate the evaporation of water in plants. 2. Make a model of stethoscope		ACTIVITY 1. MCQ 2. MODEL MAKING	03 HRS
November	PT-3 Reproduction in Plants	09 HRS	Students will understand different modes of reproduction in plants, budding, fission, fragmentation, vegetative propagation, advantages of vegetative propagation and sexual reproduction	Vegetative propagation is more prevalent in lower species of plants. Is it related to evolution? Write two differences between sexual and asexual reproduction.	Make a herbarium. Collect any five different flowers dry them between two books and paste the dried flowers in your file. Write their scientific names, and composition. Study the reproductive parts of a bisexual flower		1. P.T.3 2. M.C.Q 3. WORKSHEET DIGRAMATIC REPRESENTATION	03 HRS
December	Forest our lifeline	05 HRS	Students will understand what is forest, its types, importance in nature, food chain and food web, forest conservation and management	Find out different types of forest found in India. Prepare a list and mention one tree and one animal which is found exclusively there.	A forest has no waste. Visit a nearby park and prepare a report.		1- MCQ 2. REPORT MAKING	03 HRS
January	Revision for Final Term							
February	Final Exam							

**CARMEL CONVENT SR SEC SCHOOL, RATANPUR, YEAR PLANNER: 2024-25**

**CLASS: VII**

**SUBJECT: BIOLOGY**

NAME OF INCHARGE TEACHERS:

SIGNATURE OF SUBJECT CORDINATOR:

SIGNATURE OF PRINCIPAL:

CLASS : VII

SUBJECT: SOCIAL SCIENCE

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ INTERNAL ASSESSMENT(SEA &MT)/ INCLUSIVE ACTIVITY(WEEKLY)	ART INTEGRATED ACTIVITY/ART INTEGRATED PROJECT	ASSESSMENT( INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOMEWORK
APRIL	Geo : Ch 1 The environment- Natural environment, Human environment	5	Students will understand the components of the natural environment, different living organisms who make biosphere their home, interdependency that exists in the ecosystem	DRR, Explain in detail about human activities that are interfering with the natural balance of our environment. (SEA 1)		Before we come to any conclusion about any event or an individual , we should always study all the possible reasons. How relevant is this statement in your daily life?	4
	His: Ch 1 Introduction to Medieval history- The medieval period,sources of history, names of India	5	Understand the significance of periodisation in studying history, major sources of information , significance of geography	Flowchart of the coins of the medieval period	Map	Activity Pg 20	4

CLASS : VII

SUBJECT: SOCIAL SCIENCE

	Civ: Ch 1 Democracy and Equality- Democracy, forms of government, equality and inequalities	5	Meaning of democracy, types of government, how to identify the benefits of a democratic order	Write the Preamble of the Indian Constitution		Activity Pg 207	4
JUNE	His: Ch 2 Kings and kingdoms- emergence of new kingdom, tripartite struggle, other prominent kingdom, spearheads of Turkish invasion	5	Political situation prevailing in India after the death of Harshavardhana, importance of Kanauj and the tripartite struggle, major achievements of Chola rulers	Collect information on any one kingdom from the chapter	Map skills	Chola temples were the hub of the social, cultural and economic activities. Elaborate the functions of the temples.	4
	Geo: Ch 2 Inside our earth- structure of the earth, rocks and minerals,	6	Understand the structure of the Earth, types and uses of rocks and minerals, rock cycle	Diagram on rock cycle, layers of the earth		Activity Pg 126	4

CLASS : VII

SUBJECT: SOCIAL SCIENCE

JULY  <b>PT 1</b> H ch1, G Ch 1, C Ch 1	Civ: Ch 2 Role of the state government in healthcare- healthcare in India, private and public healthcare services	5	Meaning of Directive principles of state policy , role of state in providing healthcare services, drawbacks of health services, functions of state government in the field of land reforms and education	Make a poster on any one civic issues with a slogan		Activity Pg 216	3
	His: Ch 3 The Delhi Sultanate-dynasties that ruled, Turkish rule in India, Economic and social life	5	How Turkish rule began in India, major political developments and socio economic changes in the life of people, five ruling dynasties of the period, administration	Write the important development in the Sultanate Period		Activity Pg 47	3
	Geo: Ch 3 Our changing earth-	6	students will understand the	DRR, Activity Pg 135	Model on volcano	Activity Pg 134	4

CLASS : VII

SUBJECT: SOCIAL SCIENCE

<p>AUGUST</p>	<p>movements of the earth, formation of major landforms, earthquakes, volcanoes,</p> <p>Civ: Ch 3 The state government - its working and role- Government, state legislature, state Executive</p>	<p>5</p>	<p>movements of the earth in terms of plate tectonics ,major landforms that are found on the earth, role that earthquakes and volcanoes play in creating or destroying the different landforms of the earth</p> <p>Composition of state legislature, qualification required to be a member, process through which laws are made, powers and functions of chief minister, and other members</p>	<p>Mention the Indian states that have Legislative Councils</p>		<p>Activity Pg 61</p>	<p>3</p>
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CLASS : VII

SUBJECT: SOCIAL SCIENCE

	<p>His: Ch 4 The Mughal- Mughal rule in India, Sher shah and Sur dynasty, Second phase of Mughal rule, Mughal administration</p>	<p>5</p>	<p>Students will understand who the Mughals were and how the Mughal rules started, about the military power and major achievements of the Mughals, major political developments during the reign of Jahangir ,Shah Jahan , religious and other policies of Akbar, causes of the decline of Empire</p>	<p>On the outline map of India, mark the territorial extent of Akbar’s Empire</p>			<p>4</p>
	<p>Geo: Ch 4 Major Land forms- gradation, work of river, moving ice, wind, sea waves</p>	<p>5</p>	<p>Meaning of gradation, degradation and agradation, how to identify and recall the different agents of gradation, different landforms formed</p>	<p>On the map of India, locate the places (with index )where we find:                      1. Glaciers                      2. Deltas                      3.Sand dunes                      4. Lagoons                      5. Beaches</p>			<p>4</p>



CLASS : VII

SUBJECT: SOCIAL SCIENCE

			by the action of water, glaciers, wind, seasons soil profile and how it is formed or lost	(MT 1)		
September	Civ: Ch 4 Understanding gender- Gender, lives of domestic workers, government initiatives towards equality	5	Meaning of the term gender as well as the manner in which an equality exist in our country in the name of gender, the position of women in the Indian society, general manner in which women's labour is approached in society, role played by the country's Constitution in bringing about laws that enforce equal rights for women	Write in brief and inspiring biography of a women entrepreneurs	Make a poster with a message on gender equality	3
			Term 1 Revision			

CLASS : VII

SUBJECT: SOCIAL SCIENCE

October	His: Ch 5 Tribal, nomadic and settled communities-tribal societies, the Gonds, Ahoms,	5	About the various tribal societies during the medieval period, the distinctive features of the tribal society, how Medieval tribal societies interacted with the political powers, Gonds and the Ahoms	Prepare a report on the uncontacted tribal group ie Sentinelese people on the basis of the following points: (introduction, lifestyles, occupation, government policies, challenges) (MT 2)		Activity Pg 72	4
	Geo: Ch 5 Our atmosphere- Significance of atmosphere	5	Different components of our atmosphere and the composition of air around us , the significance of the atmosphere as well as its structure , role of ozone gas and protecting life on earth	How is Ionosphere helpful to us in the present times?	Model making on Layers of atmosphere	Write five ways to reduce air pollution	4
	Civ: Ch 5	5	How 21st century	DRR,			4

CLASS : VII

SUBJECT: SOCIAL SCIENCE

	Women change the world- Learning for change, women's movement, campaigning		has transformed the status of women across all sectors of life, why learning is essential for change, what role women's movements played in enhancing the status, how campaigning has provided a valuable contribution in bring tremendous changes for ladies in India	Case study on Dowry			
November	His: Ch 6 Religious beliefs and popular movements- Bhakti movement, The Saints, The sufi movement	5	how the Bhakti movement began, key features of the Bhakti movement, features of Sufism, why the medieval Bhakti movement and Sufism together regarded as	Write down the few dohas of Kabir and find out their interpretations. (SEA 2)		What is the common element of the preachings of the Bhakti and Sufi saints?	4

CLASS : VII

SUBJECT: SOCIAL SCIENCE

	Geo: Ch 6 Elements of weather and climate- weather and climate, temperature, atmospheric pressure winds, cyclone, humidity, evaporation, condensation, weather forecasting	5	cultural landmark in our history  students will understand the role that temperature plays in dividing the earth into different temperature zones, how temperature is measured and its factors, about atmospheric pressure, role played by winds, role played by humidity evaporation, condensation and precipitation , concept of weather forecasting	Make a collage of the weather updates of a week.	Collect pictures of instruments used for weather related instruments and paste them in your notebook.	Odisha Case study	3
	Civ: Ch 6 Media and Democracy- media, print	5	Meaning of media and different types of media, connection	Poster making on media and democracy with a slogan			4

CLASS : VII

SUBJECT: SOCIAL SCIENCE

	media, electronic media,media ethics, local media		between media and public opinion, media ethics and right to information Act	(MT 3)			
December	His: Ch 7 Emergence of regional cultures (Activity)- development of languages, birth of new languages, musical modes, dance, paintings, foods	5	Development of different languages, regional cultures, forms of art	Write in detail on the different languages that emerged during the medieval period	Project on origin of the Indian dance forms	Make a project on the medieval Indian cuisine	4
<b>PT 2</b> H Ch 5; G Ch 5 ; C Ch 4	His: Ch 8 New Political Formations- later mughals, crisis of the Mughal empire, seizing independence	5	About the successors of Aurangzeb, emergence and increasing spread of the political influence of regional powers, the rise of Maratha power	Map skills Pg 107		Activity Pg 107	4

CLASS : VII

SUBJECT: SOCIAL SCIENCE

January	Geo: Ch 7 The world of water-hydrosphere, major water bodies, ocean water circulation,	5	under Shivaji and his successors  Composition of hydrosphere , major water bodies that are found on earth surface and its movement, importance of tides , ocean currents	DRR Make a chart of five disasters caused by water.		Activity Pg 176	4
	Civ: Ch 8 A Shirt in the Market (Activity)- Farming of cotton in Kurnool, Erode, the Impex garment factory	4	Kurnool, Erode cloth markets, how shirt reaches the market	Role of government in cooperative development (SEA 3)			3
	Geo: Ch 8 Life in tropical and sub tropical regions- Amazon basin and Ganga	3	The tropical and sub trical regions, Amazon basin and Ganga Brahmaputra basin	Activity Pg 186		Brahmaputra is known as the river of sorrow in Assam. Comment	2

CLASS : VII

SUBJECT: SOCIAL SCIENCE

	Brahmaputra basin						
	Geo: Ch 9 Life in the Deserts (Activity)- Sahara Desert and Ladakh	3	Classification of deserts, classification of Sahara Desert and Ladakh	Activity Pg 195		How will you spread awareness in your neighbourhood to plant trees and ban deforestation.	3
	Civ: Ch 7 Markets around Us- Market, weekly market, chain of markets, importance of markets	3	Different types of markets, difficulties faced by farmers, black marketeering, types of retailers	Activity Pg 259	Project on market around us.	What measures will you suggest the farmers to earn maximum profits for their produce?	3
February	<b>Final Exam</b>						
<b>Term 2</b>	H ch 6, 8 ; G Ch 6,7;8 C Ch 5,6,7						

CARMEL CONVENT SR SEC SCHOOL,RATANPUR,YEAR PLANNER:2024-25

CLASS : VII

SUBJECT: SOCIAL SCIENCE

NAME OF INCHARGE TEACHER: LIGIMOL THANKACHEN

SIGNATURE OF SUBJECT COORDINATOR:

SIGNATURE OF PRINCIPAL:-



CLASS : 7th

SUBJECT: SANSKRIT

MONTH	NAME OF THE UNIT / CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/ INTERNAL ASSESSMENT(SEA &MT)/ INCLUSIVE ACTIVITY(WEEKLY)	ART INTEGRATED ACTIVITY/ART INTEGRATED PROJECT	PRACTICAL S	ASSESSMENT(INCLUDE 50% COMPETENCY BASED ASSESSMENT)	TIME SPENT FOR PROJECT AND HOMEWORK
APRIL	<p>प्रथमः पाठः- सुभाषितानि व्याकरण - वर्ण विचार, लिंग परिवर्तन</p> <p>द्वितीयः पाठः - अभ्यासात् लभ्यते विद्या व्याकरण - विभक्ति वचन, प्रकृति प्रत्यय</p>	15	<p>जो स्वयं बुद्धिमान नहीं है उसका शास्त्र कुछ भी नहीं कर सकता है।</p> <p>कठोर परिश्रम से ही शास्त्रों का ज्ञान मिलता है अन्यथा नहीं।</p>	<p>सुभाषितानि पाठ के कोई दो श्लोक अर्थ सहित लिखिए।</p> <p>अभ्यास से ही विद्या प्राप्त होती है उदाहरण सहित समझाइए।</p>	<p>मध्यप्रदेश और बिहार की वेशभूषा, सामान्य परिचय तथा किन्हीं दो महापुरुष का वर्णन करके फाइल तैयार कीजिए।</p>		<p>शास्त्रस्य कस्य हितं न करोति ?</p> <p>परलोके कः धनं भवति ?</p> <p>वरदराजः कम् ग्रन्थम् अरचयत् ?</p> <p>सः केषाम् अभ्यासम् अकरोत् ?</p>	<p>किन्हीं चार ग्रंथकारों के चित्र चिपकाकर उनकी रचनाओं के नाम लिखिए।</p> <p>12</p>
JUNE	<p>तृतीयः पाठः- विद्यालयस्य वार्षिकोत्सवः व्याकरण - विशेषण विशेष्य, लकार, संख्या</p> <p>चतुर्थः पाठः - विष्णुशर्मणः पाण्डित्यम् व्याकरण - रिक्तस्थान, अपठित गद्यांश</p>	14	<p>विद्यालय के कार्यक्रम में हमेशा भाग लेना चाहिए।</p> <p>विष्णु शर्मा की कथाएं अत्यंत मनोरंजक और ज्ञानवर्धक हैं।</p>	<p>आपके विद्यालय में वार्षिकोत्सव पर कौन-कौन से कार्यक्रम होते हैं ?</p> <p>विष्णु शर्मा ने राजा सुदर्शन के पुत्रों किन कथाओं के द्वारा नीतिशास्त्र के उपदेशों को दिया?</p>			<p>प्रधानाचार्या महोदया किम् विधास्यति ? अद्य विद्यालये किम् भविष्यति ?</p> <p>विद्वान् केषाम् मार्गदर्शनं कुर्यात् ?</p> <p>पञ्चतन्त्रे पञ्चमं तन्त्रं किम् अस्ति</p>	<p>अपनी पाठ्य-पुस्तक के 'नीतिवचनानि' पाठ से कोई दो श्लोक कक्षा में सस्वर गाकर सुनाइए।</p> <p>11</p>

CLASS : 7th

SUBJECT: SANSKRIT

JULY	पंचमः पाठः - कर्तव्यनिष्ठः बालकः व्याकरण - संयोजन, क्त्वा प्रत्यय, संवाद	11	कमजोर व्यक्तियों की सदैव सहायता करनी चाहिए।	कर्तव्यनिष्ठ बालक से हमें क्या प्रेरणा मिलती है अपने शब्दों में लिखिए।	विद्यालय में उपयोग होने वाली दस वस्तुओं के चित्र चिपकाकर उनके नाम संस्कृत में लिखिए।	भूमिः कीदृशी प्रतीयते स्म ? नराः कुत्र सङ्कुचिताः आसन् ?	अपनी पाठ्य-पुस्तक से कोई दस अव्ययों का वाक्यों में प्रयोग करके चार्ट तैयार कीजिए। 11
AUGUST	षष्ठः पाठः - नीतिवचनानि व्याकरण - दीर्घ संधि, धातु, पत्र  सप्तमः पाठः- शठे शाठ्यं समाचरेत् व्याकरण - क्रियापद, चित्रवर्णन, लिंग परिवर्तन	15	फलदार वृक्ष झुक जाते हैं परन्तु मूर्ख व्यक्ति कभी नहीं झुकते।  मनुष्य को धर्म के अनुसार ही आचरण करना चाहिए।	' नीतिवचनानि ' पाठ के कोई चार श्लोक कक्षा में सुनाइए।  धर्म के अनुसार व्यक्ति को कैसा आचरण करना चाहिए? अपने शब्दों में लिखिए।		मनुष्याणाम् महारिपुः किम् अस्ति ? पृथिव्यां कति रत्नानि सन्ति ?  निराशः धनदत्तः किम् अवदत् ? वसुदत्तस्य गृहे के आसन् ?	10
SEP	अष्टमः पाठः- पर्यावरण - दिवसः व्याकरण - कर्तृपद, विधिलकार में परिवर्तन	11	प्रदूषित पर्यावरण सभी प्राणियों के लिए हानिकारक होता है।	पर्यावरण की रक्षा किस प्रकार करनी चाहिए? अपने विचार व्यक्त कीजिए।		अध्यापकः कान् रोपयितुम् आदिशक्ति ? छात्रा किम् शपथं स्वीकुर्वन्ति ?	अर्द्धवार्षिक परीक्षा 8
OCT	पाठः नवमः - संस्कृतं- " भारतस्य गौरवम् " व्याकरण - उपपद	14	संस्कृत भाषा के बिना भारत और भारतीय संस्कृति का ज्ञान असम्भव है।	कौन सी भाषा संसार की प्राचीन भाषाओं में एक है और क्यों ?		सूक्तयः अस्माकं जीवने किम् कुर्वन्ति ? संस्कृतं संस्कृतिश्च भारतस्य द्वे के ?	12

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	<p>विभक्ति, संधि, शतृ, ल्यप् प्रत्यय</p> <p>पाठ: दशमः - ईश्वरः यत्करोति, शोभनमेव करोति व्याकरण - क्त, क्तवतु प्रत्यय, अव्यय</p>		<p>सभी प्राणियों के कल्याण में लगा हुआ ईश्वर जो करता है अच्छा ही करता है।</p>	<p>ईश्वर जो करता है अच्छा ही करता है ऐसा मंत्री ने क्यों कहा ?</p>			<p>मंत्री सदैव किम् वदति स्म ? का अपुत्रस्य बलिं न स्वीकरोति ?</p>	
NOV	<p>पाठ: एकादश - मानो हि महतां धनम् व्याकरण - अशुद्धि संशोधन, उपसर्ग</p> <p>पाठ: द्वादश - आदर्शः छात्रः व्याकरण - स्त्रीलिंग शब्दरूप, तुमुन्, ल्यप् प्रत्यय</p>	14	<p>उत्तम मनुष्य सम्मान की इच्छा करता है क्योंकि सम्मान ही उसका सबसे बड़ा धन है।</p> <p>वृद्धों की सेवा करने से मनुष्य की आयु, विद्या, यश और बल बढ़ता है।</p>	<p>कौए और कोयल का भेद किस ऋतु के आने पर पता चलता है ?</p> <p>आदर्श छात्र किन-किन नियमों का पालन करता है। अपनी कक्षा में सुनाइए।</p>			<p>केषाम् वसुधैव कुटुम्बं भवति ? उत्तमाः मानं किमर्थम् इच्छाशक्ति ?</p> <p>सः कैः सह साधु व्यवहरेत् ? अस्माकं शास्त्राणि किम् आदिशन्ति ?</p>	9

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DEC	पाठ : त्रयोदश- महात्मा गाँधी व्याकरण - संधिविच्छेद, पुरुष, वचन  पाठ -चतुर्दश विज्ञानस्य चमत्काराः व्याकरण - समुचित मेलन, वृद्धि संधि,पर्याय	14	महात्मा गाँधी के सत्य और अहिंसा दो प्रमुख शस्त्र थे।  विज्ञान से अत्याधुनिक यन्त्रों की रचना हुई जिससे मनुष्य का जीवन सरल हो गया।	भारतवासियों ने " महात्मा गाँधी ' को किस उपाधि से विभूषित किया ?  विज्ञान के प्रमुख अविष्कार कौन से हैं । उनके नाम लिखकर सचित्र वर्णन कीजिए।			अस्माकं देशस्य राष्ट्रपिता को: अस्ति ? सः इंग्लैंडदेशे कति वर्षाणि अवदत् ?  आधुनिकं युगं कस्य युगं वर्तते ? वायुयानं कथं दूरतरं देशं प्राप्नोति ?	8
JANUARY	पाठ:पंचदश - भारतवर्षम् व्याकरण - वाक्य संशोधन, धातुरूप	12	पुराणों में तीन भरत सुने जाते हैं --- जडभरत,दशरथ पुत्र भरत, दुष्यन्त पुत्र भरत।	भारत में सात पौराणिक नगर मोक्ष देने वाले माने जाते हैं उनके नाम लिखिए।			कः भारतस्य चरणौ प्रक्षालयति ? भारतभूमिः काभिः सिञ्चता ?	9
FEBRUARY	वार्षिक परीक्षा हेतु पुनरावृत्ति						वार्षिक परीक्षा	

NAME OF INCHARGE TEACHERS:  
SIGNATURE OF PRINCIPAL:

SIGNATURE OF SUBJECT CORDINATOR:

## CARMEL CONVENT SR SEC SCHOOL, RATANPUR YEAR PLANNER 2024-25

Class: VII

Subject: Computer

MONTH	NAME OF THE UNIT/CHAPTER AND SUB TOPICS	TIME ALLOTTED FOR EACH UNIT	LEARNING OUTCOMES	SUGGESTED ACTIVITIES/INTERNAL ASSESSMENT(SEA&MT)/INCLUSIVE ACTIVITY (WEEKLY)	ART INTEGRATED ACITIVITY/ART INTEGRATED PROJECT	PRACTICALS	ASSESEMENT (INCLUDE 50% COMPETENCY BASED ASSESSEMENT)	TIME SPENT FOR PROJECT AND HOMEWORK
April	<b>Chapter -1 Number System</b> <ul style="list-style-type: none"> <li>• Need of Number System</li> <li>• Representing values in different Number System</li> </ul>	5 Hours	Understanding different number systems (binary, decimal, hexadecimal) requires students to think critically about how numbers are represented and manipulated. This skill is transferrable to problem-solving in various disciplines.	<ul style="list-style-type: none"> <li>• Group discussion.</li> <li>• Role plays.</li> <li>• Debates</li> <li>• Riddles</li> <li>• Cross words</li> <li>• Puzzles</li> </ul>	Design a poster on the topic Earth Day using the software canva	Visit the lab and by using the internet, search information, about the topic "computer arithmetic". Get the details and write them in the notebook.	Class test Monthly test Work sheets containing MCQs, fill up the blanks, true or false match the following, competenc y-based questions, question answers.	2 Hours
June	<b>Chapter -2 Charts in Excel 2016</b> <ul style="list-style-type: none"> <li>• Components of a chart</li> <li>• Different types of Charts</li> </ul>	7 Hours	Students will be able to understand – Charts help you visualize data effectively,	<ul style="list-style-type: none"> <li>• Group discussion.</li> <li>• Role plays.</li> <li>• Debates</li> <li>• Riddles</li> <li>• Cross words</li> <li>• Puzzles</li> </ul>	Collect the temperature of 7 days and create a table in excel to maintain the records.	Open excel and open a workbook to type given contents in	Class test Monthly test Work sheets containing MCQs,	2 Hours

	<ul style="list-style-type: none"> <li>• Creating a chart</li> <li>• Formatting Charts</li> <li>• Formatting the data series</li> <li>• Formatting the axis</li> <li>• Moving a Chart</li> </ul>		<p>teaching you how to represent information graphically for clearer understanding, Data Interpretation, Presentation Skills, Chart Types and Customization, Analyzing charts encourages critical thinking about data sources, biases, and the story behind the numbers, fostering a deeper understanding of the data.</p>		<p>After creating a table, create a Bar chart and format it to make the chart eye catching. Take printout of the chart and paste it in your notebook with the title "Example of Bar Chart".</p>	<p>the worksheet. After entering the data, create a column chart and format the chart by changing the background color, data series and type of chart.</p>	<p>fill up the blanks, true or false match the following, competency-based questions, question answers.</p>	
<b>July</b>	<p><b>Chapter -3 Advanced features of Excel 2016</b></p> <ul style="list-style-type: none"> <li>• Sorting Data</li> <li>• Filtering Data</li> <li>• Using the Goal Seek</li> <li>• Printing a Worksheet</li> </ul>	8 Hours	<p>Students will be able to do Data Analysis, Sorting and filtering streamline data management tasks, making it easier to locate, update,</p>	<ul style="list-style-type: none"> <li>• Group discussion.</li> <li>• Role plays.</li> <li>• Debates</li> <li>• Riddles</li> <li>• Cross words</li> <li>• Puzzles</li> </ul>		<p>Create a table in excel worksheet Sort the data in descending order. Use Advanced Filter to</p>	<p>Class test Monthly test Work sheets containing MCQs, fill up the blanks, true or false match the following, competency-</p>	4 Hours

			and work with relevant information.			hide some rows. Save the worksheet.	based questions, question answers.	
<b>August</b>	<b>Chapter -4 Computer Crime, Ethics and security</b> <ul style="list-style-type: none"> <li>• Internet</li> <li>• Advantage and Disadvantages of internet, Computer Ethics, Computer Security</li> </ul>	9 Hours	Students will be able to understand computer threats and vulnerabilities, Legal and ethical considerations, Security principles, technologies practices, computer ethics, software piracy.	<ul style="list-style-type: none"> <li>• Group discussion.</li> <li>• Role plays.</li> <li>• Debates</li> <li>• Riddles</li> <li>• Cross words</li> <li>• Puzzles</li> </ul>		Open the Word 2016 and create a poster to represent computer ethics. Save the document.	Class test Monthly test Work sheets containing MCQs, fill up the blanks, true or false match the following, competency-based questions, question answers.	4 Hours
	<b>Chapter -5 Introducing Krita</b> <ul style="list-style-type: none"> <li>• What is Krita?</li> <li>• Downloading and installing Krita</li> <li>• Starting Krita</li> <li>• Components of krita</li> <li>• Tools in krita</li> <li>• Brush Tools</li> <li>• Drawing Tools</li> <li>• Inserting an Image</li> </ul>		Students will be able to understand this image editing software. Downloading and installing Krita, Various tools for Image editing in Krita.	<ul style="list-style-type: none"> <li>• Group discussion.</li> <li>• Role plays.</li> <li>• Debates</li> <li>• Riddles</li> <li>• Cross words</li> <li>• Puzzles</li> </ul>		Draw the pictures in Krita given on Page no – 61 Create a beautiful scene of nature in Krita and use animation in it.	Class test Monthly test Work sheets containing MCQs, fill up the blanks, true or false match the following, competency-based questions, question answers.	

	<ul style="list-style-type: none"> <li>• Selection Tools</li> <li>• Editing Tools</li> </ul>							
<b>September</b>								<b>TERM-1 Exam Chapter (1,2,3,4 and 5)</b>
<b>October</b>	<b>Chapter -6 Layer and Animation in Krita</b> <ul style="list-style-type: none"> <li>• Layers</li> <li>• Managing Layers</li> <li>• Working with Multiple Layers</li> <li>• Animation in Krita</li> </ul>	6 Hours	Students will be able to understand how to work and manage with Layers in Krita, Showing, hiding layers, renaming layers, deleting a layer, moving a layer, working with multiple	<ul style="list-style-type: none"> <li>• Group discussion.</li> <li>• Role plays.</li> <li>• Debates</li> <li>• Riddles</li> <li>• Cross words</li> <li>• Puzzles</li> </ul>			Class test Monthly test Work sheets containing MCQs, fill up the blanks, true or false match the following, competency-based questions, question answers.	4 hours
<b>November</b>	<b>Chapter -7 Introduction to HTML</b> Features of HTML HTML editors <ul style="list-style-type: none"> <li>• Creating, saving and viewing an HTML document, structure of an HTML</li> </ul>	8 Hours	layers. HTML, it's features and how to use various tags to design a webpage, saving and viewing an HTML document.	<ul style="list-style-type: none"> <li>• Group discussion.</li> <li>• Role plays.</li> <li>• Debates</li> <li>• Riddles</li> <li>• Cross words</li> <li>• Puzzles</li> </ul>			Class test Monthly test Work sheets containing MCQs, fill up the blanks, true or false match the following, competency-based	5 Hours



	document, types of tags, Basic HTML tags, Categories of HTML elements.						questions, question answers.	
<b>December</b>	<b>Chapter -8 More on HTML</b> <BODY>tag <P> tag,   tag, Bold, Italic and underline tags, <SUB> and <SUP> tags, Heading tag, <HR>tag	8 Hours	Students will be able to understand various tags of HTML.	<ul style="list-style-type: none"> <li>• Group discussion.</li> <li>• Role plays.</li> <li>• Debates</li> <li>• Riddles</li> <li>• Cross words</li> <li>• Puzzles</li> </ul>		Write a HTML program on “Input Device”. Display the names of various input devices and also their uses. Save and view the webpage.	Class test Monthly test Work sheets containing MCQs, fill up the blanks, true or false match the following, competency-based questions, question answers.	4 Hours
<b>January</b>	<b>Chapter – 9 More on Python</b> <ul style="list-style-type: none"> <li>• If clause</li> <li>• Functions</li> </ul> <b>Chapter – 10 Robotics</b> Automatic machines and robotics Relation between AI and Robotics	9 Hours	Students will be able to understand Python programming and basics of Robotics	<ul style="list-style-type: none"> <li>• Group discussion.</li> <li>• Role plays.</li> <li>• Debates</li> <li>• Riddles</li> <li>• Cross words</li> <li>• Puzzles</li> </ul>		Write a Python program to calculate the square root of a negative number. Write a program to take input as a number, and report	Class test Monthly test Work sheets containing MCQs, fill up the blanks, true or false match the following, competency-based questions, question	5 Hours

						whether it is less than zero, more than zero or equal or equal to zero.	answers.	
<b>February</b>				<b>REVISION</b>				<b>Term -2 Exam (Chapter 6,7,8,9 and 10)</b>

**TEACHER INCHARGE – Ms. Anita Mandal**

**SIGNATURE OF PRINCIPAL:**

**SIGNATURE OF SUBJECT CORDINATOR:**