

**HANSRAJ MODEL SCHOOL
PUNJABI BAGH, NEW DELHI**

**ACADEMIC PLAN (2025-26)
ENGLISH
CLASS VII**

MONTH	UNIT / TOPIC	LEARNING OBJECTIVES The learners will be able to:	ACTIVITY / ASSIGNMENT
April	Vocabulary Enrichment	<ul style="list-style-type: none"> • Recognize and understand difficult words. • Comprehend word meanings within different contexts and situations. • Think critically about word choices, meanings, and usage. 	<ul style="list-style-type: none"> • Resource Material • Worksheet
April	Poetic Devices	<ul style="list-style-type: none"> • Recognize and explain the meanings of various poetic devices • Develop an appreciation for the literary style and craft of poets and writers. • Improve language and literacy skills 	<ul style="list-style-type: none"> • Resource Material • Worksheet
April	Idioms	<ul style="list-style-type: none"> • Identify and use idioms correctly in sentences, conversations, and written texts. • Understand and explain the meanings of idioms, including their literal and figurative meanings. 	<ul style="list-style-type: none"> • Resource Material • Worksheet
April	Literature	<ul style="list-style-type: none"> • Identify the main characters, setting, and plot of the story. 	Act 1: My Pet Ownership Act 2: Add an Episode

	Chapter 1: Monkey Trouble	<ul style="list-style-type: none"> ● Reflect on the themes of responsibility, patience, and compassion towards animals. ● Discuss the ethical considerations of pet ownership and how actions have consequences. ● Expand vocabulary by learning new words and expressions from the story. ● Improve comprehension and critical thinking by answering inferential and analytical questions. ● Enhance creative writing skills by writing a diary entry, letter, or alternative ending from a character's perspective. 	A 1: Ques/Ans A 2: CRAB Worksheet A 3: Writing Skills Ques <ul style="list-style-type: none"> ● Vocabulary Enrichment ● Spell Check
April	Literature Chapter 2: Birdie, Will You Pet? (Poem)	<ul style="list-style-type: none"> ● Identify the theme and central idea of the poem. ● Understand the poet's message about freedom and captivity. ● Recognize poetic devices such as rhyme scheme, repetition, and imagery. ● Develop empathy for animals and respect their natural instincts. ● Enhance their vocabulary by learning new words and expressions from the poem. ● Engage in creative activities such as artwork, dramatization, and so on, based on the poem. ● Enhance comprehension skills through inferential and analytical questions. 	Act 1: Inside my Nest Act 2: Offers versus Preferences Act 3: Graphic Organizer A 1: RTCs A 2: Long Ques/Ans <ul style="list-style-type: none"> ● Vocabulary Enrichment ● Spell Check
April	English Practice Book Unit 1: Articles	<ul style="list-style-type: none"> ● Define and differentiate between definite (the) and indefinite (a, an) articles. ● Identify when to use 'a' and 'an' based on vowel and consonant sounds. ● Understand the specific use of 'the' for known, unique, or previously mentioned nouns. ● Recognize exceptions and special rules (e.g., an 	EPB Worksheets A 1: Practice Worksheet

		<p>hour, a university).</p> <ul style="list-style-type: none"> • Apply 'a', 'an', and 'the' correctly in sentences and paragraphs. • Complete exercises and worksheets to reinforce article usage. 	
April	Writing Skills Notice Writing	<ul style="list-style-type: none"> • Understand the purpose and importance of notices in formal communication. • Identify the correct format of a notice (heading, date, issuing authority, body, signature, and designation). • Recognize different types of notices (e.g., school events, lost and found, competitions, meetings). • Learn the key characteristics of notice writing: clarity, conciseness, and completeness. • Improve writing skills through practice exercises, peer review, and corrections. 	A 1: Practice Questions
May	Comprehension Passage	<ul style="list-style-type: none"> • Read and understand a variety of passages (narrative, descriptive, expository, etc.) with accuracy and fluency. • Infer the meaning of unfamiliar words using context clues. • Recognize and use synonyms, antonyms, and figurative language in context. • Make logical inferences based on textual evidence. • Respond accurately to comprehension questions (multiple-choice, short answer, long answer). 	<ul style="list-style-type: none"> • Resource Material • Worksheet
May	My English Reader Unit 1:	<ul style="list-style-type: none"> • Understand the importance of various jobs and how they contribute to the community. • Discuss the dignity of labor and why every 	A 1: Writing Skills Ques

	People at Work	<p>profession is important.</p> <ul style="list-style-type: none"> • Encourage empathy by discussing the challenges faced by workers in different fields. • Foster an appreciation for teamwork and professional ethics. • Reflect on personal interests and career aspirations. • Improve reading comprehension through discussion and analysis of the lessons. • Enhance their speaking and writing skills by engaging in creative activities. 	
May	Literature Chapter 3: A Hero	<ul style="list-style-type: none"> • Identify the main characters, setting, and plot of the story. • Summarize the key events, including Swami's challenge and how he overcomes his fear. • Analyze the character development of Swami and his relationship with his father. • Understand the themes of courage, self-discovery, and parental expectations. • Expand vocabulary by learning new words and expressions from the story. • Improve comprehension and critical thinking by answering inferential and analytical questions. • Enhance creative writing skills by writing a diary entry, letter, or alternative ending from a character's perspective. 	<p>Act 1: My Real Life Hero Act 2: What If...</p> <p>A 1: Ques/Ans A 2: CRAB Worksheet A 3: Writing Skills Ques</p> <ul style="list-style-type: none"> • Vocabulary Enrichment • Spell Check
May	English Practice Book Unit 2: The Sentence	<ul style="list-style-type: none"> • Define a sentence and understand its role in communication. • Identify the essential components of a sentence (subject, verb, object). • Recognize different types of sentences: 	<p>EPB Worksheets</p> <p>A 1: Practice Worksheet</p>

		<p>declarative, interrogative, imperative, and exclamatory.</p> <ul style="list-style-type: none"> • Understand the importance of correct punctuation in sentence construction. • Complete exercises and worksheets to reinforce the concept of sentences. 	
May	<p>English Practice Book</p> <p>Unit 3: The Compound Sentence</p>	<ul style="list-style-type: none"> • Define a compound sentence and explain its purpose in communication. • Explain how it differs from simple and complex sentences. • Identify the structure of a compound sentence, with respect to 'and', 'but', and 'or'. • Identify the coordinating conjunctions and make two simple sentences from compound sentences. • Combine two or more simple sentences to form a compound sentence. • Complete exercises and worksheets to reinforce compound sentences. 	<p>EPB Worksheets</p> <p>A 1: Practice Worksheet</p>
May	<p>Literature</p> <p>Chapter 5: I Dream a World (Poem)</p>	<ul style="list-style-type: none"> • Identify the theme and central idea of the poem. • Understand the poet's vision of an ideal world free from discrimination and oppression. • Analyze the poetic devices used in the poem (e.g., repetition, imagery, symbolism). • Reflect on personal dreams for a better world and how they can contribute to positive change. • Enhance their vocabulary by learning new words and expressions from the poem. • Engage in creative activities such as artwork, dramatization, and so on, based on the poem. • Enhance comprehension skills through inferential and analytical questions. 	<p>Act 1: I Dream a World</p> <p>Act 2: World Around Me...</p> <p>Act 3: Graphic Organizer</p> <p>A 1: RTCs</p> <p>A 2: Long Ques/Ans</p> <ul style="list-style-type: none"> • Vocabulary Enrichment • Spell Check

July	My English Reader Unit 2: Relationships	<ul style="list-style-type: none"> • Identify different types of relationships (family, friendship, teacher-student, etc.) discussed in the lesson. • Understand the significance of healthy relationships in personal and social life. • Comprehend the themes, messages, and moral values conveyed in the lessons. • Develop emotional intelligence by recognizing and managing personal feelings in relationships. • Reflect on personal experiences and relationships, identifying ways to improve them. • Improve reading comprehension through discussion and analysis of the lessons. • Enhance their speaking and writing skills by engaging in creative activities. 	A 1: Writing Skills
July	English Practice Book Unit 4: Phrases	<ul style="list-style-type: none"> • Define phrases and explain how they differ from clauses and sentences. • Recognize the role of phrases in improving sentence structure and fluency. • Use different types of phrases in sentence formation. • Expand simple sentences by adding phrases for more detail. • Complete exercises and worksheets to reinforce article usage. 	EPB Worksheets A 1: Practice Worksheet
July	English Practice Book Unit 5: Transitive and Intransitive Verbs	<ul style="list-style-type: none"> • Define verbs and explain their role in sentence structure. • Differentiate between transitive and intransitive verbs. • Recognize how some verbs can be both transitive and intransitive based on context. 	EPB Worksheets A 1: Practice Worksheet

		<ul style="list-style-type: none"> • Construct grammatically correct sentences by using the appropriate verb type, based on the object. • Complete exercises and worksheets to reinforce article usage. 	
July	Literature Chapter 4: Fight, Manju Fight!	<ul style="list-style-type: none"> • Identify the main characters, setting, and plot of the story. • Analyze the theme of courage, determination, perseverance, and overcoming obstacles. • Understand the character development of Manju and how she grows through her struggles. • Relate the story's lessons to real-life experiences where they had to fight for something they believed in. • Expand vocabulary by learning new words and expressions from the story. • Improve comprehension and critical thinking by answering inferential and analytical questions. • Enhance creative writing skills by writing a diary entry, letter, or alternative ending from a character's perspective. 	Act 1: A Different Perspective Act 2: Stay Informed A 1: Ques/Ans A 2: CRAB Worksheet A 3: Writing Skills Ques <ul style="list-style-type: none"> • Vocabulary Enrichment • Spell Check
August	My English Reader Unit 3: Attitude	<ul style="list-style-type: none"> • • • Improve reading comprehension through discussion and analysis of the lessons. • Enhance their speaking and writing skills by engaging in creative activities. 	A 1: Writing Skills
August	English Practice Book	<ul style="list-style-type: none"> • Define passive voice and explain how it differs from active voice. • Identify the structure of passive voice. 	EPB Worksheets A 1: Practice Worksheet

	Unit 7: Passive Voice	<ul style="list-style-type: none"> • Understand the changes in tense when converting active sentences into passive. • Identify and correct errors in passive sentence formation. • Apply the appropriate use of passive voice in different contexts like newspaper headlines, notices. • Complete exercises and worksheets to reinforce the concept of passive voice. 	
August	Literature Chapter 6: Stone Soup in Bohemia	<ul style="list-style-type: none"> • Identify the main characters, setting, and plot of the story. • Analyze the theme of the story, focusing on generosity, cooperation, and resourcefulness. • Understand the moral lesson—how sharing and working together benefit everyone. • Recognize the use of storytelling techniques like suspense and humor in the narrative. • Relate the story's lesson to real-life situations where helping others leads to mutual benefits. • Expand vocabulary by learning new words and expressions from the story. • Improve comprehension and critical thinking by answering inferential and analytical questions. • Enhance creative writing skills by writing a diary entry, letter, or alternative ending from a character's perspective. 	Act 1: Recipe with a Twist Act 2: My Own Way A 1: Ques/Ans A 2: CRAB Worksheet A 3: Writing Skills Ques <ul style="list-style-type: none"> • Vocabulary Enrichment • Spell Check
August	English Practice Book Unit 6: Modals	<ul style="list-style-type: none"> • Define modal verbs and explain their role in sentence construction. • Recognise the common modals and understand the different functions of modals, such as expressing possibility, obligation, advice, and 	EPB Worksheets A 1: Practice Worksheet

		<p>more.</p> <ul style="list-style-type: none"> • Use modals correctly in sentences and dialogues. • Identify and correct errors in modal verb usage. • Complete exercises and worksheets to reinforce the concept of modal verbs. 	
October	Literature Chapter 7: A Stormy Adventure	<ul style="list-style-type: none"> • Identify the main characters, setting, and plot of the story. • Analyze the theme of courage, quick thinking, and teamwork in difficult situations. • Recognize the use of descriptive language and imagery in building suspense. • Relate the story's lesson to personal experiences of facing challenges and overcoming fears. • Expand vocabulary by learning new words and expressions from the story. • Improve comprehension and critical thinking by answering inferential and analytical questions. • Enhance creative writing skills by writing a diary entry, letter, or alternative ending from a character's perspective. 	<p>Act 1: My Adventure Emsojis</p> <p>Act 2: My Travel Itinerary</p> <p>A 1: Ques/Ans</p> <p>A 2: CRAB Worksheet</p> <p>A 3: Writing Skills Ques</p> <ul style="list-style-type: none"> • Vocabulary Enrichment • Spell Check
October	Writing Skills Message Writing	<ul style="list-style-type: none"> • Define telephonic messages and explain their importance in daily communication. • Identify the key components of a telephonic message. • Learn how to extract key details from a phone conversation and summarize them concisely. • Write concise and clear telephonic messages based on given scenarios. • Maintain a polite and respectful communication style while writing. 	<p>A 1: Practice Questions</p>

October	Literature Chapter 8: The Spider and the Fly (Poem)	<ul style="list-style-type: none"> ● Identify the theme and central idea of the poem—deception, flattery, and consequences. ● Analyze the character traits of the spider and the fly. ● Recognize the use of poetic devices such as rhyme scheme, alliteration, repetition, and personification. ● Interpret the moral lesson of the poem and how it applies to real-life situations. ● Enhance their vocabulary by learning new words and expressions from the poem. ● Engage in creative activities such as artwork, dramatization, and so on, based on the poem. ● Enhance comprehension skills through inferential and analytical questions. 	Act 1: The Dismal Den Act 2: What am I? Act 3: Graphic Organizer A 1: RTCs A 2: Long Ques/Ans <ul style="list-style-type: none"> ● Vocabulary Enrichment ● Spell Check
October	English Practice Book Units 9: Future Time Reference	<ul style="list-style-type: none"> ● Define Future Time Reference and explain its significance in communication. ● Identify different ways to express future time. ● Recognize the “be’ verb (am, is, are, was, were, will be) combined with the present participle (‘-ing’ form) to create the progressive tense. ● Use different future time structures correctly in sentences. ● Complete exercises and worksheets to reinforce the concept of future time reference. 	EPB Worksheets A 1: Practice Worksheet
October	English Practice Book Units 10:	<ul style="list-style-type: none"> ● Define Perfect Progressive Tenses and explain their function in sentence construction. ● Identify the three types of Perfect Progressive Tenses and understand how they express duration, continuity, and progression over time. ● Use the correct Perfect Progressive Tense in 	EPB Worksheets A 1: Practice Worksheet

	Perfect Progressive Tenses	<p>different contexts.</p> <ul style="list-style-type: none"> ● Identify and correct errors in tense usage. ● Complete exercises and worksheets to reinforce article usage. 	
November	My English Reader Unit 4: Achievers	<ul style="list-style-type: none"> ● Identify key achievers mentioned in the lesson and their accomplishments. ● Understand the challenges and struggles faced by these achievers. ● Comprehend the main ideas, themes, and moral lessons from the text. ● Cultivate a growth mindset by learning from achievers' struggles and successes. ● Reflect on personal aspirations and set goals for future achievements. ● Improve reading comprehension through discussion and analysis of the lessons. ● Enhance their speaking and writing skills by engaging in creative activities. 	A 1: Writing Skills
November	Literature Chapter 9: The Human Robot	<ul style="list-style-type: none"> ● Identify the main characters, setting, and key events in the story. ● Analyze the contrast between humans and robots in terms of emotions, decision-making, and morality. ● Recognize the author's message about human intelligence versus artificial intelligence. ● Discuss the impact of automation and robotics in daily life and the workforce. ● Expand vocabulary by learning new words and expressions from the story. ● Improve comprehension and critical thinking by answering inferential and analytical questions. 	Act 1: AI in my World Act 2: E-waste Robot A 1: Ques/Ans A 2: CRAB Worksheet A 3: Writing Skills Ques <ul style="list-style-type: none"> ● Vocabulary Enrichment ● Spell Check

		<ul style="list-style-type: none"> Enhance creative writing skills by writing a diary entry, letter, or alternative ending from a character's perspective. 	
November	Literature Chapter 10: Friends and Flatterers (Poem)	<ul style="list-style-type: none"> Identify the theme and central idea of the poem—true friendship vs. flattery. Understand the meaning of key lines and phrases in Shakespearean language. Develop the ability to differentiate between genuine friends and flatterers as depicted in the poem. Recognize poetic devices such as rhyme scheme, metaphor, and imagery used in the poem. Enhance their vocabulary by learning new words and expressions from the poem. Engage in creative activities such as artwork, dramatization, and so on, based on the poem. Enhance comprehension skills through inferential and analytical questions. 	Act 1: Dedications Act 2: Gratitude Card Act 3: Graphic Organizer A 1: RTCs A 2: Long Ques/Ans <ul style="list-style-type: none"> Vocabulary Enrichment Spell Check
December	My English Reader Unit 5: The Future World	<ul style="list-style-type: none"> Understand the concept of the future world as presented in the lesson. Identify advancements in science, technology, and society that may shape the future. Comprehend the key themes and messages of the text, including potential benefits and challenges of future advancements. Discuss ethical concerns and responsibilities related to artificial intelligence, automation, and space exploration. Reflect on personal aspirations and how students can contribute to shaping a better future. 	A 1: Writing Skills

		<ul style="list-style-type: none"> • Improve reading comprehension through discussion and analysis of the lessons. • Enhance their speaking and writing skills by engaging in creative activities. 	
December	English Practice Book Unit 8: Reported Speech	<ul style="list-style-type: none"> • Define reported speech and explain its difference from direct speech. • Identify the rules for converting direct speech into reported speech, with respect to pronouns, verb tenses, time expressions, and word order. • Understand the difference between reporting statements, questions, and commands/requests. • Learn the common reporting verbs and convert direct speech into reported speech and vice versa. • Identify and correct errors in reported speech. • Complete exercises and worksheets to reinforce article usage. 	EPB Worksheets A 1: Practice Worksheet
December	Literature Chapter 11: Chocolates In Your Dreams Too	<ul style="list-style-type: none"> • Identify the main characters, setting, and plot of the story. • Summarize the key events and conflicts presented in the story. • Analyze the theme of the story, focusing on values like self-control, kindness, and sharing. • Relate the story's lessons to personal experiences about temptation and making the right choices. • Expand vocabulary by learning new words and expressions from the story. • Enhance creative writing skills by writing a diary entry, letter, or alternative ending from a character's perspective. 	Act 1: Diet Check Act 2: Action Reaction A 1: Ques/Ans A 2: CRAB Worksheet A 3: Writing Skills Ques <ul style="list-style-type: none"> • Vocabulary Enrichment • Spell Check

January	My English Reader Unit 6: Unity in Diversity	<ul style="list-style-type: none"> ● Define the concept of unity in diversity and understand its importance in society. ● Identify examples of unity in diversity from the lesson and real life. ● Comprehend the themes, messages, and moral values conveyed in the text. ● Foster respect and appreciation for different cultures, languages, and traditions. ● Reflect on personal experiences of diversity in daily life and how they contribute to understanding and respect. ● Improve reading comprehension through discussion and analysis of the lessons. ● Enhance their speaking and writing skills by engaging in creative activities. 	A 1: Writing Skills
January	English Practice Book Unit 11: Linkers	<ul style="list-style-type: none"> ● Define linkers (connectors) and explain their function in sentence construction. ● Identify different types of linkers, with respect to Addition, Contrast, Cause and Effect, Time and Sequence and Comparison. ● Recognize the difference between coordinating, subordinating, and correlative conjunctions. ● Use appropriate linkers in sentences, paragraphs, and essays. ● Identify and correct errors in linker usage. ● Complete exercises and worksheets to reinforce article usage. 	EPB Worksheets A 1: Practice Worksheet

हंसराज मॉडल स्कूल

पाठ्यक्रम योजना

सत्र : 2024-25

कक्षा- सातवीं विषय- हिंदी

महीना	पाठ का नाम	अधिगम संकल्प	गतिविधि	कार्यप्रपत्र
अप्रैल				
Bridging the Gap- व्याकरण के सामान्य विषयों से संबंधित कार्य प्रपत्र				
अप्रैल	<p>पाठ – 1 ‘बारहमासा’</p> <p>व्याकरण- संयुक्त व्यंजन के पुराने और नए रूप अल्पप्राण,महाप्रा ण द्वित्व व्यंजन पठित पद्यांश</p>	<ul style="list-style-type: none"> ❖ हिंदी महीनों, ऋतुओं और पर्वों से अवगत होंगे । ❖ कविता निर्माण में सक्षम होंगे । ❖ वर्ण माला के वर्गीकरण की विस्तृत जानकारी पाएँगे । ❖ पठित पद्यांश के भाव को समझने में तथा उत्तर निर्माण करने में सक्षम होंगे । ❖ अभिव्यक्ति एवं स्पष्टीकरण, कौशलों का विकास। ❖ सतत् विकास लक्ष्य- 6 स्वच्छ जल और स्वच्छता ❖ सतत् विकास लक्ष्य-13 जलवायु कार्यवाही 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ T-Chart <p>T-Chart के माध्यम से कविता में आई ऋतुओं व उनकी विशेषताओं को चित्र सहित दर्शाया जाएगा।</p>	<p>कार्य प्रपत्र -1</p> <p>कविता में से प्र. 1 से 3 , बातचीत के लिए , जीवन-मूल्य के प्रश्नोत्तर ,क्रैब वर्कशीट कार्य ।</p>

अप्रैल	<p>पाठ - 2</p> <p>‘नाटक में नाटक’</p> <p>व्याकरण -</p> <p>अनुस्वार और अनुनासिक चिह्न अनौपचारिक पत्र का प्रारूप</p>	<ul style="list-style-type: none"> ❖ नाटक - मंचन के विभिन्न तथ्यों को सीखेंगे तथा नाटक विधा से परिचित होंगे । ❖ जटिल परिस्थिति में धैर्य ना खोकर समाधान की कला सीख पाएँगे । ❖ अभिनय एवं वाचन कौशलों का वर्णन। ❖ अनुनासिक और अनुस्वार के नियमों से अवगत होंगे । ❖ अनौपचारिक पत्र के प्रारूप को समझेंगे। ❖ सतत् विकास लक्ष्य -17 लक्ष्य हेतु भागीदारी 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ कहानी का नाट्य-मंचन 	<p>कार्य प्रपत्र - 2</p> <p>पाठ में से प्र. 1 – 5 , बातचीत के लिए , जीवन – मूल्य के</p>
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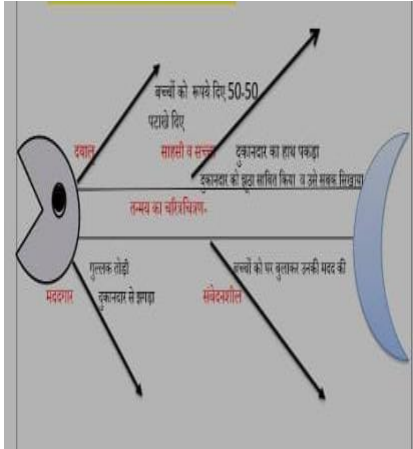
अप्रैल	<p>पाठ – 3 ‘निर्मला, साँप और सयाल’</p> <p>व्याकरण संज्ञा व भेद अपठित गद्यांश</p>	<ul style="list-style-type: none"> ❖ सच्ची मित्रता के महत्व को समझेंगे। ❖ धैर्य, तुरंत बुद्धि, वाक्पटुता आदि गुणों को विकसित करेंगे। ❖ अपठित गद्यांश से उत्तरों को खोजने व उनके निर्माण में सक्षम होंगे। ❖ संज्ञा व उसके भेदों से अवगत होंगे। ❖ भाववाचक संज्ञा के निर्माण में सक्षम होंगे। ❖ सतत् विकास लक्ष्य -4 गुणवत्तापूर्ण शिक्षा ❖ सतत् विकास लक्ष्य -5 लैंगिक समानता 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ निर्मला व सयाल की चारित्रिक विशेषताओं में वेन आरेख द्वारा अंतर स्पष्ट कीजिए। 	<p>कार्य प्रपत्र - 3</p> <p>पाठ में से प्र. 1- 4, बातचीत के लिए , जीवन- मूल्य के प्रश्नोत्तर , क्रेब वर्कशीट कार्य, KWLH(कार्य पत्रक)।</p>
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<p>मई</p>	<p>पाठ – 4 ‘बातूनी’ (आंतरिक मूल्यांकन के अंतर्गत परियोजना कार्य हेतु) व्याकरण- उपसर्ग और प्रत्यय, संवाद- लेखन</p>	<ul style="list-style-type: none"> ❖ बातचीत की कला को समझने में सक्षम होंगे । ❖ आवश्यकता से अधिक बोलने के दुष्परिणामों को समझेंगे । ❖ संवाद- लेखन से अवगत होंगे। ❖ उपसर्ग- प्रत्यय को मूल शब्द में जोड़ना व अलग करना सीखेंगे । ❖ सतत् विकास लक्ष्य -4 गुणवत्तापूर्ण शिक्षा ❖ सतत् विकास लक्ष्य -17 लक्ष्य हेतु भागीदारी 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ संवाद प्रस्तुतीकरण । 	
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<p>मई</p>	<p><u>पाठ – 5</u> <u>‘राजू का सपना’</u> (केवल पठन हेतु)</p> <p><u>व्याकरण -</u></p>	<ul style="list-style-type: none"> ❖ पर्यावरण संरक्षण के महत्त्व को समझेंगे। ❖ पर्यावरण की समस्याओं एवं निदान को जान सकेंगे। ❖ स्लोगन-निर्माण कर पाएँगे। 		
<p>जुलाई</p>	<p><u>पाठ – 6</u> ‘समय’ (कविता)</p> <p><u>व्याकरण -</u> विसर्ग चिह्न</p>	<ul style="list-style-type: none"> ❖ समय के महत्त्व तथा अनुशासन में रहना सीखेंगे। ❖ कविता वाचन कौशल सीखेंगे। ❖ विसर्ग चिह्नों का शुद्ध प्रयोग करने में सक्षम होंगे। ❖ सतत् विकास लक्ष्य -17 लक्ष्य हेतु भागीदारी 	<p><u>गतिविधि:-</u></p> <ul style="list-style-type: none"> ❖ ‘समय’ कविता में प्रयुक्त शब्दों के पर्यायवाची शब्दों को शब्द चक्र के माध्यम से दर्शाया जाएगा। 	<p><u>कार्य प्रपत्र - 4</u> कविता में से प्र . 1 – 4 , बातचीत के लिए, जीवन – मूल्य , क्रेब वर्कशीट कार्य</p>

<p>जुलाई</p>	<p><u>पाठ – 7</u> ‘स्कूल की छुट्टियाँ’</p> <p><u>व्याकरण -</u> सर्वनाम व भेद</p>	<ul style="list-style-type: none"> ❖ परीक्षाओं को तनाव- मुक्त बनाने के लिए उपाय जान सकेंगे । ❖ शिक्षा के महत्त्व को समझेंगे । ❖ सर्वनाम के भेदों को जानकारी उनके उचित प्रयोग में सक्षम होंगे । ❖ अभिव्यक्ति कौशल का विकास। ❖ सतत् विकास लक्ष्य -3 उत्तम स्वास्थ्य और खुशहाली ❖ सतत् विकास लक्ष्य -17 लक्ष्य हेतु भागीदारी 	<p><u>गतिविधि:-</u></p> <ul style="list-style-type: none"> ❖ आगामी अर्धवार्षिक परीक्षाओं की तैयारी के लिए एक महीने की समय तालिका का निर्माण कीजिए व उसके अनुसार परीक्षा की तैयारी कीजिए। 	<p><u>कार्य प्रपत्र - 5</u></p> <p>पाठ में से प्र . 1 – 5 , बातचीत के लिए , जीवन – मूल्य , क्रेब वर्कशीट कार्य ।</p>
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<p>जुलाई</p>	<p>पाठ – 8 ‘एवरेस्ट की चुनौती’ (आंतरिक मूल्यांकन के अंतर्गत परियोजना कार्य हेतु)</p> <p>व्याकरण - विशेषण व भेद, औपचारिक पत्र लेखन का प्रारूप</p>	<ul style="list-style-type: none"> ❖ एवरेस्ट की चुनौतियों से अभिज्ञ होंगे । ❖ परिस्थितियों से कभी हार न मानने के भाव को समझेंगे । ❖ विशेषण व उसके भेदों का उचित प्रयोग करने में सक्षम होंगे । ❖ सतत् विकास लक्ष्य -13 जलवायु कार्यवाही ❖ सतत् विकास लक्ष्य -17 लक्ष्य हेतु भागीदारी 	<p><u>गतिविधि:-</u></p> <ul style="list-style-type: none"> ❖ एवरेस्ट पर विजय प्राप्त करने वाले किनही पाँच भारतीय पर्वतारोहियों के चित्र उनके पर्वतारोहण के वर्ष सहित चिपकाइए। 	
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<p>जुलाई</p>	<p>पाठ – 9 ‘सवाल का जवाब’</p> <p>व्याकरण - क्रिया व भेद</p>	<ul style="list-style-type: none"> ❖ परोपकार और सहयोग जैसे गुणों को विकसित करेंगे। ❖ समानता के अधिकार से अवगत होंगे । ❖ क्रिया के भेदों व उनके प्रयोगों से अभ्यस्त हो सकेंगे । ❖ सतत् विकास लक्ष्य -1 शून्य गरीबी ❖ सतत् विकास लक्ष्य -2 शून्य भुखमरी ❖ सतत् विकास लक्ष्य -3 उत्तम स्वास्थ्य और खुशहाली 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ मीन आरेख द्वारा तन्मय की स्वभावगत विशेषताएँ दर्शाइए । 	<p>कार्य प्रपत्र - 6</p> <p>पाठ में से प्र . 1 – 4 , जीवन – मूल्य , क्रैब वर्कशीट कार्य</p>
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जुलाई	<p><u>पाठ – 10</u> ‘झंडा ऊँचा रहे हमारा’ (केवल पठन हेतु)</p> <p><u>व्याकरण-</u> कविता निर्माण</p>	<ul style="list-style-type: none"> ❖ स्वतंत्रता के महत्त्व से परिचित होंगे । ❖ तिरंगे के महत्त्व को समझ पाएँगे । 	<ul style="list-style-type: none"> ❖ ‘झंडा ऊँचा रहे हमारा’ (कविता गायन) 	
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अगस्त	<p>पाठ- 11 ‘उस रात की बात’</p> <p>व्याकरण- क्रिया विशेषण व उसके भेद</p>	<ul style="list-style-type: none"> ❖ मार्मिक भाव ‘मानवता’ को समझ पाएँगे। ❖ ‘अतिथि देवो भवः’ की महत्ता को समझ पाएँगे। ❖ ‘क्रिया-विशेषण’ शब्दों व भेदों का उचित प्रयोग करने में सक्षम होंगे। ❖ सतत् विकास लक्ष्य -4 गुणवत्तापूर्ण शिक्षा ❖ सतत् विकास लक्ष्य -10 असमानताओं में कमी 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ पाठ में आए पाँच-पाँच संज्ञा, क्रिया व विशेषण शब्दों को फ्लावर गिड के माध्यम से दिखाइए। 	<p>कार्य प्रपत्र - 7</p> <p>पाठ में से प्र . 1 – 4 , बातचीत के लिए , जीवन – मूल्य , क्रेब वर्कशीट कार्य ।</p>
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अगस्त	<p>पाठ – 12 ‘दोहे’</p> <p>व्याकरण - विविध शब्द प्रयोग सूचना लेखन</p>	<ul style="list-style-type: none"> ❖ साहित्य की विधा ‘ दोहे से अवगत होंगे । ❖ मधुर वाणी के महत्व को समझेंगे । ❖ विविध शब्द प्रयोग करना सीखेंगे । ❖ विज्ञापन – निर्माण का प्रारूप सीखेंगे जिसके माध्यम से सृजनात्मक कौशल का विकास होगा ❖ सतत् विकास लक्ष्य -4 गुणवत्तापूर्ण शिक्षा ❖ सतत् विकास लक्ष्य -16 शांति न्याय और सशक्त संस्थाएँ ❖ सतत् विकास लक्ष्य -17 लक्ष्य हेतु भागीदारी 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ दोहा गायन- अंदाज़ अपना-अपना <p>विद्यार्थी दोहों को पुरानी परिपाटी से भिन्न अपने अंदाज़ में गाएँगे ।</p>	<p>कार्य प्रपत्र – 8</p> <p>पाठ में से प्र . 1 – 4 , बातचीत के लिए, जीवन – मूल्य , क्रेब वर्कशीट कार्य कीजिए ।</p>
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अक्टूबर	<p>पाठ – 13 'साहस को सलाम'</p> <p>व्याकरण - काल व भेद अनुच्छेद लेखन</p>	<ul style="list-style-type: none"> ❖ 'स्वयं पर विश्वास , लक्ष्य के प्रति समर्पण , दृढ़ इच्छाशक्ति और संकल्प सफलता का राजमार्ग है' जान सकेंगे । ❖ जीवन में लक्ष्य का महत्व समझ सकेंगे । ❖ सतत् विकास लक्ष्य -10 असमानताओं में कमी ❖ सतत् विकास लक्ष्य -5 लैंगिक समानता 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ पैराओलंपिक अथवा अन्य किसी क्षेत्र में दिवयांग जनों की सफलता से मिली प्रेरणा को चित्र सहित लिखिए। 	<p>कार्य प्रपत्र – 9</p> <p>पाठ में से प्र. 1 – 7 , बातचीत के लिए , जीवन – मूल्य ,क्रेब वर्कशीट कार्य ।</p>
अक्टूबर	<p>पाठ – 14 'एस रामानुजन' (केवल वाचन हेतु)</p> <p>व्याकरण- सूचना लेखन</p>	<ul style="list-style-type: none"> ❖ 'एस रामानुजन' गणितज्ञ से परिचित होंगे । ❖ लक्ष्य के प्रति सच्ची लगन और उसकी प्राप्ति में आने वाली बाधाओं का डटकर सामना करने में सक्षम होंगे । ❖ सूचना लेखन के प्रारूप व भाव अभिव्यक्ति को जान पाएँगे । 		

अक्टूबर	<p>पाठ – 15 ‘अन्नदाता कृषक’ (आंतरिक मूल्यांकन के अंतर्गत परियोजना कार्य हेतु)</p> <p>व्याकरण - रूढ़, यौगिक, योगरूढ़ शब्द</p>	<ul style="list-style-type: none"> ❖ समाज में कृषक की भूमिका को समझेंगे। ❖ कृषक की महानता व त्याग के बारे में जानेंगे। ❖ वाचन कौशल का विकास। ❖ रूढ़, यौगिक तथा योगरूढ़ शब्दों की पहचान सीखेंगे। ❖ सतत् विकास लक्ष्य -2 शून्य भुखमरी ❖ सतत् विकास लक्ष्य -3 उत्तम स्वास्थ्य और खुशहाली ❖ सतत् विकास लक्ष्य-13 जलवायु कार्यवाही 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ भारत के मानचित्र पर कृषि प्रधान राज्यों व उनकी मुख्य फसलों को दर्शाइए। 	
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नवम्बर	<p>पाठ – 16 'देशभक्त पुरु'</p> <p>व्याकरण - संयुक्त क्रिया एवं रंजक क्रिया समुच्चयबोध क अव्यय</p>	<ul style="list-style-type: none"> ❖ सच्ची देशभक्ति तथा देशभक्त से परिचित होंगे। ❖ अच्छे शासक की प्रणाली से अवगत होंगे। ❖ संयुक्त क्रिया और रंजक क्रिया के भेद को समझेंगे तथा अव्यय का उचित प्रयोग करने में सक्षम होंगे। ❖ सतत् विकास लक्ष्य -16 शांति न्याय और सशक्त संस्थाएँ ❖ सतत् विकास लक्ष्य-17 लक्ष्य हेतु भागीदारी 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ 'देशभक्त पुरु' के पात्रों का एकल अभिनय। 	<p>कार्य प्रपत्र – 10</p> <p>पाठ में से प्र.1 – 4, बातचीत के लिए, जीवन – मूल्य , क्रेब वर्कशीट कार्य कीजिए।</p>
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नवम्बर	<p>पाठ – 17 'काकी'</p> <p>व्याकरण- शब्द भेद (तत्सम , तद्भव , देशज , आगत) औपचारिक पत्र लेखन</p>	<ul style="list-style-type: none"> ❖ ममता के भाव से अवगत होंगे । ❖ जटिल परिस्थितियों का सामना करने में सक्षम होंगे । ❖ उत्पत्ति के आधार पर शब्दों के भेदों को समझ पाएँगे । ❖ सतत् विकास लक्ष्य -17 लक्ष्य हेतु भागीदारी 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ 'आगे की कहानी मेरी जुबानी'- कहानी में आगे क्या हुआ होगा ? विद्यार्थी अपनी कल्पना के अनुसार 80-100 शब्दों में लिखेंगे। 	<p>कार्य प्रपत्र – 11</p> <p>पाठ में से प्र.1- 5, बातचीत के लिए, जीवन – मूल्य , क्रेब वर्कशीट कार्य कीजिए ।</p>
दिसंबर	<p>पाठ -18 'बाल लीला व कुंडलिया'</p> <p>व्याकरण- अनुप्रास अलंकार</p>	<ul style="list-style-type: none"> ❖ श्री कृष्ण की बाल लीला से परिचित होंगे । ❖ बिना विचारे कार्य करने के दुष्परिणामों की जानकारी पाएँगे । ❖ अनुप्रास अलंकार की परिभाषा उदाहरण सहित समझ पाएँगे। 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ पाठ में आए कठिन शब्दों व उनके अर्थ से संबंधित शब्द-चक्र का निर्माण कीजिए । 	<p>कार्य प्रपत्र – 12</p> <p>पाठ में से प्र.1 – 6, बातचीत के लिए, जीवन – मूल्य , क्रेब वर्कशीट कार्य कीजिए ।</p>

<p>दिसंबर</p>	<p>पाठ – 19 ‘गणेशोत्सव’ (आंतरिक मूल्यांकन के अंतर्गत परियोजना कार्य हेतु)</p> <p>व्याकरण विराम चिह्न</p>	<ul style="list-style-type: none"> ❖ गणेश चतुर्थी के महत्त्व को समझेंगे । ❖ पौराणिक कथाओं का आनंद ले पाएँगे । ❖ विराम-चिह्नों के नाम जान पाएँगे तथा उनका उचित प्रयोग करने में सक्षम होंगे । ❖ सतत् विकास लक्ष्य -13 जलवायु कार्यवाही ❖ सतत् विकास लक्ष्य -14 जलीय जीवों की सुरक्षा 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ गणेशोत्सव पर clay या पुरानी वस्तुओं से गणपति जी का चित्र बनाइए। 	
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जनवरी	<p>पाठ -20 'कर्मवीर' (कविता)</p> <p>व्याकरण- कारक विज्ञापन लेखन</p>	<ul style="list-style-type: none"> ❖ स्वयं की प्रतिभा को पहचानने में सक्षम होंगे । ❖ 'कर्म ही पूजा है' से अवगत होंगे । ❖ कर्मवीर कविता का मूल भाव जानेंगे । ❖ कारक का सही प्रयोग करने में सक्षम होंगे । ❖ सतत् विकास लक्ष्य-17 लक्ष्य हेतु भागीदारी 	<p>गतिविधि:-</p> <ul style="list-style-type: none"> ❖ 'कर्मवीर' कविता के आधार पर कर्मवीर व कर्महीन व्यक्ति के गुणों में मीन आरेख द्वारा अंतर स्पष्ट कीजिए । <div data-bbox="1140 730 1549 1053"> <p>चित्र विश्लेषण - मीन आरेख के माध्यम से</p> </div>	<p>कार्य प्रपत्र – 13</p> <p>कविता में से प्र . 1 – 5 , बातचीत के लिए, जीवन – मूल्य , क्रेब वर्कशीट कार्य।</p>
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HANSRAJ MODEL SCHOOL
PUNJABI BAGH, NEW DELHI
CURRICULUM PLAN
SESSION: 2025-26
CLASS: VII
SUBJECT: MATHEMATICS

MONTH	TOPIC / SUB-TOPICS	LEARNING INTENTIONS (Learning Outcomes + Competencies)	ACTIVITIES / ASSIGNMENTS	ASSIGNMENTS
April	Bridging the gap	Recap of previous concepts	❖ Activity Sheet	
April	Chapter 1 (Rational Numbers) *Introduction *Properties of fractions *Positive rational numbers *Negative rational numbers *Properties of rational numbers including equivalent forms of a given rational number *Standard form of a rational number *Problems based on finding the unknown values to make two or three rational numbers equivalent *Absolute value of a rational	The learners: *Recall various types of numbers viz. natural numbers, whole numbers, fractions, integers *Define a rational number *Appreciate that all rational numbers are not fractions *Identify which rational numbers are fractions *Write Rational Number in the standard form *Find equivalent rational numbers *Find absolute value of a rational number	❖ Ice – Breaking activity ‘MATH ABOUT ME’ ❖ Finding equivalent rational numbers using colored strips of same size by folding	A-1 WS-2 Q.1 (i), Q.3 (i, ii), Q.4 WS-3 Q.1 (i, ii), Q.2 (i) WS-4 Q.3 A-2 WS-5 Q.2 (i, ii), Q.3 (i, ii) WS-6 Q.1 (i, ii), Q.2 (i, ii), Q.3 (i, ii) BT – Q3, Q5 (iii), Q7 (v)

	<p>number</p> <ul style="list-style-type: none"> *Comparing absolute values of rational numbers in pairs *Representation of rational numbers on a number line <p>Comparing two rational numbers</p> <ul style="list-style-type: none"> *Arranging rational numbers in ascending order and descending order 	<ul style="list-style-type: none"> *Represent rational number on a number line *Compare rational numbers by making same denominator *Compare rational numbers through number line *Compare rational numbers through cross multiplication method *Solve Brain Teasers questions *Develop creative thinking and problem solving skills 		Assignment sheet will be given at the end of the chapter.
April	<p>Chapter 2 (Operations On Rational Numbers)</p> <ul style="list-style-type: none"> *Addition of rational numbers *Properties of addition of rational numbers *Subtraction of rational numbers *Properties of subtraction of rational numbers 	<p>The learners:</p> <ul style="list-style-type: none"> *Apply operations on two or more rational numbers *Relate and verify the properties (closure, associativity, existence of identity, commutative) of rational numbers under algebraic operations (+, -) *Solve problems based on rational numbers 	<ul style="list-style-type: none"> ❖ Frayer's Model ❖ Addition of rational numbers with same/different denominators using grid 	<p>A-3</p> <p>WS-1 Q.1 (i, ii), Q.3 (i), Q.4 (i), Q.5 (i)</p> <p>WS-2 Q.1 (i, ii), Q.3, Q.6 (i)</p>
May	<p>Chapter 2 (Operations On Rational Numbers)_Contd.</p>	<p>The learners:</p> <ul style="list-style-type: none"> *Relate and verify the properties (closure, associativity, existence of 		<p>A-4</p> <p>WS-3 Q.1 (i, ii), Q.2 (i), Q.3 (i), Q.7 (i)</p> <p>WS-4 Q.2</p>

	<p>*Multiplication of rational numbers *Properties of multiplication of rational numbers</p> <p>*Reciprocal of a rational number</p> <p>*Division of rational numbers *Properties of division of rational numbers</p> <p>*Finding rational numbers between two rational numbers</p>	<p>identity, existence of inverse, commutative and distribution) of rational numbers under all algebraic operations (X, ÷) *Solve problems based on rational numbers *Find the reciprocal of a rational number *Find rational numbers between two given rational numbers *Solve Brain Teasers questions *Apply the knowledge and exhibit their creativity</p>	<p>❖ Jigsaw Puzzle (matching problem with correct answer)</p>	<p>A-5 WS-5 Q.1 (i, ii), Q.2 WS-6 Q.2 (ii), Q.3 (ii), Q.4 (i) BT Q3 (ii), Q5, Q6 (iv)</p> <p>Assignment sheet will be given at the end of the chapter.</p>
May	<p>Chapter 14 (Visualising Solids)</p> <p>*Introduction *Faces , edges and vertices of solid (cube , cuboid , pyramids) *Nets for 3D shapes</p>	<p>The learners:</p> <p>*Visualize solid shapes *Draw a solid on a sheet of paper *Unfold a solid shape on a sheet of paper in the form of a net *Obtain a solid from a net by paper folding *Solve Brain Teasers questions *Develop creative thinking skills</p>	<p>❖ Making pull-up nets of solids</p> <p>❖ Draw net of any solid and fold it to make a 3-D model of it. Color congruent faces with same color and draw happy emoji on its all faces</p>	<p>Activity based</p>
May	<p>Chapter 3 (Rational Numbers As Decimals)</p>	<p>The learners:</p>		<p>A-6 WS-1 Q.1 (i, vii, x)</p>

	<p>*Conversion of rational numbers into decimals without division</p> <p>*Conversion of rational numbers into decimals by long division</p> <p>*Conversion of terminating decimals into rational numbers</p>	<p>*Understand the concept of conversion of rational number into decimal number</p> <p>*Differentiate between Terminating & Non-Terminating decimals</p> <p>*Classify Terminating & Non-Terminating decimals with the help of long division method & without actual division method</p> <p>*Solve Brain Teasers questions</p> <p>*Develop critical thinking and problem solving skills</p>	<p>❖ Expressing a number in different forms (Natural numbers, whole numbers, integers, rational numbers, decimal numbers, terminating and non-terminating)</p> <p>❖ Tic-Tac-Toe</p>	<p>WS-2 Q.1 (i, iv), Q.2 (i, ii), Q.3 (i)</p> <p>A-7</p> <p>WS-3 Q.1 (i), Q.2 (i), Q.3 (i), Q.4 (ii), Q.5 (ii)</p> <p>BT –Q3 (ii, iii) Q4 (iv) Q5 (vi) Q7 (ii)</p> <p>Assignment sheet will be given at the end of the chapter.</p>
July	<p>Chapter 12 (Data Handling)</p> <p>*Mean</p> <p>*Median</p> <p>*Mode</p> <p>*Reading and Drawing of bar graph and double bar graph</p>	<p>The learners:</p> <p>*Define data, range, arithmetic mean, median , mode</p> <p>*Organize the raw data</p> <p>*Differentiate between data and raw data</p> <p>*Recall and recite the formulae of range, arithmetic mean and median</p> <p>*Find the range, arithmetic mean, median and mode of the given data/ observations</p> <p>*Differentiate among the three measures of central tendency</p> <p>*Handle with data</p> <p>*Make data meaningful for further analysis</p>	<p>❖ To find range, mean, median and mode of data using playing cards</p> <p>❖ Create bar graph/double bar graph using squared sheet paper</p>	<p>A-8</p> <p>WS-1 Q.1, 2, 7</p> <p>WS-2 Q.1, 2</p> <p>WS-4 Q.1, 5</p> <p>BT-Q2, Q4, Q7</p> <p>Assignment sheet will be given at the end of the chapter.</p>

		<p>*Make interpretations from data analysis</p> <p>*Solve Brain Teasers questions</p> <p>*Analyze information, Organizational skills</p>		
July	<p>Chapter 8 (Triangle And Its Properties)</p> <p>*Isosceles triangle and its properties</p> <p>*Exterior angles of a triangle</p> <p>*Relation between exterior angle and interior opposite angles</p> <p>*Angle sum property of a triangle</p> <p>*Triangle Inequality Property</p> <p>*Pythagoras Theorem</p> <p>*Medians and centroid of a triangle</p> <p>*Altitudes and orthocenter of a triangle</p> <p>*Perpendicular bisectors of sides of a triangle and its circumcentre</p> <p>*Angle bisectors of a triangle and incentre of a triangle</p>	<p>The learners:</p> <p>*Understand the properties of an isosceles triangle</p> <p>*Learn exterior angles of a triangle and Exterior Angle Property</p> <p>*Learn Triangle Inequality Property</p> <p>*Appreciate Pythagoras Theorem</p> <p>*Differentiate amongst Centroid, Orthocenter, Circumcenter and Incentre of a Triangle</p> <p>*Solve Brain Teasers questions</p> <p>*Develop creative thinking skills</p>	<p>❖ Verification of Angle Sum property of a triangle by paper cutting and pasting</p> <p>❖ Verification of Exterior Angle Property</p> <p>❖ Verification of Pythagoras Theorem using squared sheet of paper</p> <p>❖ To locate the centroid of a triangle by paper folding</p>	<p>A-9 WS-1 Q.2, 4 WS-2 Q.2, 3, 8</p> <p>A-10 WS-3 Q.1 (i, iii) WS-4 Q.1, 9 BT-Q2, Q6, Q12, Q13</p> <p>Assignment sheet will be given at the end of the chapter.</p>
August	<p>Chapter 4 (Exponents And Powers)</p> <p>*Exponents of rational numbers</p> <p>*Reciprocals with positive integral exponents</p> <p>*Laws of exponents</p>	<p>The learners:</p> <p>*Recall the exponents</p> <p>*Understand and use the law of exponents</p>		<p>A-11</p> <p>WS-1 Q.3 (i, ii), Q.4 (i) WS-3 Q.3 (i, ii), Q.4 (i, ii), Q.5 (i)</p>

	<p>(Law I to VII) *Use of exponents in expressing large and small numbers</p>	<p>*Simplify expressions that have positive, negative, or zero exponents with variable or numeric bases</p> <p>*Express small and large numbers in STANDARD FORM</p> <p>*Solve Brain Teasers questions</p> <p>*Promote creative artistic and curiosity skills</p>	<p>❖ Foldables/to write laws of exponents in a creative manner</p> <p>❖ Completing Power table</p> <p>❖ Worksheet (Introduction to laws of Exponents)</p>	<p>A-12 WS-4 Q.2 (i, iii), Q.3 (i), Q.4 WS-5 Q.1 (iv), Q.6 (i, ii), Q.11 (i, iii)</p> <p>A-13 WS-6 Q.1 (i) WS-7 Q.1 (i, iv), Q.2 (i), Q.4 BT-Q2 (iv, v) Q3 (ii, v) Q5 (v), Q10 Q12. (v, viii)</p> <p>Assignment sheet will be given at the end of the chapter.</p>
August	<p>Chapter 7 (Linear Equations In One Variable)</p> <p>*Introduction *Solution of linear equations in one variable *Word problems based on application of linear equations</p>	<p>The learners:</p> <p>*Understand the configuration of linear equation *What is a linear equation ? *Know if a value is a solution or not ? *Use addition, subtraction, multiplication and division properties of equalities to solve linear equations *Know when equation has no solution</p>	<p>❖ Maze</p>	<p>A-14 WS-1 Q.1, 5, 9, 10, 15, 19, 24</p> <p>A-15 WS-2 Q.1, 3, 6, 14, 16 BT-Q2(iii) (vii) Q4, Q6</p>

		<p>*Know when an equation has all real numbers as a solution.</p> <p>*Solve Brain Teasers questions</p> <p>*Develop critical thinking and problem solving skills</p>		<p>Assignment sheet will be given at the end of the chapter.</p>
October	<p>Chapter 5 (Application Of Percentage)</p> <p>*Simple applications of percentage</p> <p>*Profit and Loss</p> <p>*Profit % and Loss %</p> <p>*Simple Interest</p>	<p>The learners:</p> <p>*Understand percent as part of a hundred</p> <p>*Calculate simple percentage problems</p> <p>*Have basic understanding of profit and loss in a situation</p> <p>*Learn components of profit and loss in a situation</p> <p>*Get well versed with basic terms involved in a profit and loss statement like cost price, selling price, overhead expense, profit%, loss%</p> <p>*Learn about mechanism of profit generation</p> <p>*Appreciate the usage of mathematics in day to day situations</p> <p>*Define principal, interest, interest rate and time</p> <p>*Describe the formula for finding simple interest</p> <p>*Apply the formula for finding simple interest</p>	<p>◆ Mind Map</p>	<p>A-16 WS-1 Q. 1, 3, 5 WS-2 Q.1, 5</p> <p>AS-17 WS-3 Q.1, 2 WS-4 Q.2, 3 WS-5 Q.3 BT-Q4 (ii), Q7, Q10, Q11</p> <p>Assignment sheet will be given at the end of the chapter.</p>

		<p>*Recognize the importance of converting time from months to years before applying the formula for interest</p> <p>*Recognize that the unknown quantity is different for each problem depending on how it is worded</p> <p>*Analyze each problem to identify the given information</p> <p>*Formulate a strategy for solving each problem</p> <p>*Develop problem solving skills</p> <p>*Solve Brain Teasers questions</p> <p>*Enhance creative skills</p>		
October	<p>Chapter 9 (Congruent Triangles)</p> <p>*Introduction</p> <p>*SSS Congruence Condition</p> <p>*SAS Congruence Condition</p> <p>*ASA Congruence Condition</p> <p>*RHS Congruence Condition</p>	<p>The learners:</p> <p>*Understand the meaning and properties of triangles</p> <p>*Understand the meaning of congruence</p> <p>*Explain why four conditions such as SSS, SAS, ASA, and RHS are necessary for the congruency of two triangles</p> <p>*Use CPCT to symbolize “corresponding parts of congruent triangles are equal”</p> <p>*Solve Brain Teasers questions</p> <p>*Apply the knowledge and exhibit their creativity</p>	<p>❖ To explore criteria for congruency of triangles using cut outs of triangles</p> <p>❖ Create a beautiful crown using congruent triangles</p> <p>❖ Mind Map</p>	<p>A-18 WS-1 Q.3, 4 WS-2 Q.2, 3</p> <p>A-19 WS-3 Q.3, 4 WS-4 Q.1, 3 BT-Q4,Q7.</p> <p>Assignment sheet will be given at the end of the chapter.</p>

November	Chapter 10 (Construction Of Triangles) *Construction of a triangle when # Three sides are given # Two sides and included angle is given # Two angles and included side is given # One right angle, hypotenuse and one side are given	The learners: *Construct different types of triangles according to given conditions *Solve Brain Teasers questions *Develop creativity and apply the concept	❖ Explanation of construction of triangles using self made video	A-20 WS-1 Q.1, 2, 3 WS-2 Q.2, 3 A-21 WS-3 Q.2, 3, 4 WS-4 Q.2, 3 BT-Q4,Q6,Q8 Assignment sheet will be given at the end of the chapter.
November	Chapter 6 (Algebraic Expressions) *Introduction *Multiplication of monomials *Multiplication of a monomial and a binomial *Multiplication of binomials *Multiplication of a binomial and a trinomial *Factorization (continued in December)	The learners: *Recall the basic terms related to algebraic expressions For example constants, variables, terms, like & unlike terms etc. *Multiply two or more monomials & verify the product *Multiply a monomial with a binomial & verify the product *Multiply two or more binomials & verify the product *Multiply a binomial with a trinomial *Evaluate / verify the products of the algebraic expressions at the given value of the variables *Find the HCF of given monomials	❖ Worksheet on completing multiplication table of monomials ❖ Enrichment Activity (Decode colour by solving algebraic expressions) ❖ Maze on finding HCF of Monomials	A-22 WS-1 Q.1, 2, 3 WS-2 Q.1 (i, ii), Q.2 (i), Q.6 (i) A-23 WS-3 Q.1 (i), Q.2 (i), Q.3 (i) WS-4 Q.1 (i), Q.2 (i) A-24 WS-5 Q.1 (ii), Q.2 (i, ii), Q.3 (i) WS-6 Q.1, 6 BT- Q2 iv, x) Q6 (iii, v) Q9(ii) Assignment sheet will be given at the end of the chapter.

		<p>*Factorise the algebraic expressions by finding out a common factor & regrouping the terms</p> <p>*Solve Brain Teasers questions</p> <p>*Develop problem solving skills</p>		
December	<p>Chapter 13 (Symmetry)</p> <p>*Lines of symmetry of English alphabets, a Line, Line segment, Ray, Triangle, Regular Polygon</p>	<p>The learners:</p> <p>*Learn about Symmetry</p> <p>*Explore Line or Reflection Symmetry</p> <p>*Relate Symmetry with nature and surroundings</p> <p>*Solve Brain Teasers questions</p> <p>*Develop creative thinking skills and apply concept knowledge</p>	<p>◆ Fractal cards (symmetry concept)</p>	Activity Based
December	<p>Chapter 11 (Perimeter And Area)</p> <p>*Introduction</p> <p>*Area of rectangular paths & Paths Crossing each Other</p> <p>*Area of a parallelogram</p> <p>*Area of a triangle</p>	<p>The learners:</p> <p>*Apply the knowledge of area of rectangle and square in finding the area of path</p> <p>*Calculate the area of roads parallel to the sides of rectangle</p> <p>*Define parallelogram and rhombus</p> <p>*Derive the formula for area of parallelogram</p> <p>*Derive the formula for area of triangle</p>	<p>◆ Verification of area of a parallelogram by paper cutting and pasting</p> <p>◆ Verification of area of a triangle by paper cutting and pasting</p> <p>◆ Finding ratio of circumference and</p>	<p>A-25 WS-1 Q.2, 5 WS-2 Q.1, 2</p> <p>A-26 WS-3 Q.1, 3, 6 WS-4 Q.1, 8,11</p>

		<p>*Apply the formula in various situations</p>	<p>diameter of three circles of different radii</p> <p>SDG: Finding area of margin by creating any SDF Logo on a rectangular sheet of any dimensions by leaving a margin of uniform width.</p>	
January	<p>Chapter 11 (Perimeter And Area)_Contd.</p> <p>*Circumference of a circle *Area of a circle</p>	<p>The learners:</p> <p>*Develop the understanding of concept of circumference and area of a circle *Derive formula for circumference and area of a circle *Analyse the situation where to find area or circumference of circle *Solve Brain Teasers questions *Analyse and use conceptual knowledge, develop creative thinking skills</p>	<p>❖ Area Tree</p>	<p>A-27 WS-5 Q.1, 3, 9 WS-6 Q.1, 3, 11 BT-Q2,Q4, Q5, Q7</p> <p>Assignment sheet will be given at the end of the chapter</p>

HANSRAJ MODEL SCHOOL

Class VII

ACADEMIC PLAN

2025-26

SOCIAL SCIENCE

	TOPIC/SUBTOPICS	LEARNING INTENTIONS	ACTIVITIES/ASSIGNMENTS
APRIL	Map Work [BRIDGING THE GAP] <ul style="list-style-type: none">States of India and their CapitalsUnion Territories of India.	Learners will be able to <ul style="list-style-type: none"><input type="checkbox"/> locate the geographical locations of various States and Union Territories of India.<input type="checkbox"/> enhance knowledge of different states.<input type="checkbox"/> develop spatial reasoning skills.<input type="checkbox"/> gain acquaintance with their country.	Activity: Map Work(CR) Assignment 1(G): a) The States of India Map 1: Himachal Pradesh, Uttrakhand, Bihar, Uttar Pradesh, Punjab, Haryana, Madhya Pradesh, Jharkhand, Rajasthan, Chhattisgarh. Map 2: Gujarat, Maharashtra, Goa, Karnataka, Kerala, Tamil Nadu, Andhra Pradesh, Telangana, Orissa, West Bengal. Map 3: Assam, Arunachal Pradesh, Nagaland, Manipur, Mizoram, Tripura, Meghalaya, Sikkim. b) The continents: Map 4: Europe, North America, South America, Asia, Australia, Africa, Antartica.
	UNIT-I Lesson 1- Components of Environment[BRIDGING THE GAP]	<ul style="list-style-type: none"><input type="checkbox"/> Learners will be able to<input type="checkbox"/> differentiate between living and non-living organisms.<input type="checkbox"/> describe the concept of environment.	Activity (INTERNAL ASSESSMENT) Assignment: <i>Concept map on spheres of environment.</i>

	<ul style="list-style-type: none"> • Four spheres of environment <ul style="list-style-type: none"> <input type="checkbox"/> Lithosphere <input type="checkbox"/> Atmosphere <input type="checkbox"/> Hydrosphere <input type="checkbox"/> Biosphere • Biodiversity 	<ul style="list-style-type: none"> <input type="checkbox"/> enhance their understanding of the environment and its bifurcation into natural and man-made elements. <input type="checkbox"/> describe the four spheres of natural environment, i.e., Lithosphere, Atmosphere, Hydrosphere, Biosphere. <input type="checkbox"/> explain the significance of biosphere as a sphere of life. <input type="checkbox"/> analyse how human beings are disturbing the natural environment <input type="checkbox"/> justify and sensitise about the need to conserve the biodiversity on the earth. 	
	<p><u>UNIT-II</u> Lesson 9 - Medieval Period [BRIDGING THE GAP]</p> <ul style="list-style-type: none"> • Periodisation of Indian history • Sources of information: <ul style="list-style-type: none"> <input type="checkbox"/> Literary <input type="checkbox"/> Archaeological 	<p>Learners will be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> classify the period of Indian history into ancient, medieval and modern. <input type="checkbox"/> know about the medieval period of history in India and Europe. <input type="checkbox"/> identify the sources of information – archaeological material and literary sources. 	<p>Assignment:</p> <ul style="list-style-type: none"> • Crab worksheet • Tabular chart on Sources of Information(h-1) <p>Activity:</p> <ul style="list-style-type: none"> • <i>Persian Wheel of my Imagination (AI)</i>- Model of a Persian wheel using cups and ice-cream sticks.
	<p><u>UNIT - I</u> Lesson- 3 The Surface and Interior of the Earth</p> <ul style="list-style-type: none"> • Interior of the earth • Structure of the earth • Types of Rocks • Minerals 	<p>Learners will be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> identify and explain the internal forces that shape earth's surface. <input type="checkbox"/> compare the layers of the earth and their features. <input type="checkbox"/> explain the formation and utility of different types of rocks. 	<p>Assignment:</p> <ul style="list-style-type: none"> • E-1,5 • CRAB WORKSHEET • Tabulation of Types of Rocks , concept map on structure of the earth <ul style="list-style-type: none"> • <i>3-D Diagram</i>(AI) exhibiting the structure of the Earth with neat labelled layers.

		<input type="checkbox"/> understand different types of minerals and their basis of identification. <input type="checkbox"/> value substances available on the earth. <input type="checkbox"/> imbibe values of nurturing and conserving.	<ul style="list-style-type: none"> ● Flow Chart of Rock Cycle(CR).
MAY	<u>UNIT -III</u> Lesson – 20 Media: The Mainstay of Democracy <ul style="list-style-type: none"> ● Interdependence of technology and media ● Role of money in Media ● Media and Democracy ● Right to Information Act,2005 	Learners will be able to: <ul style="list-style-type: none"> <input type="checkbox"/> state the relationship between media and democracy. <input type="checkbox"/> describe the role of money in the media. <input type="checkbox"/> develop understanding of the interdependence of technology and media. <input type="checkbox"/> understand the significance of RTI,2005. <input type="checkbox"/> realize the importance of being aware and responsible citizens. 	Assignment: <ul style="list-style-type: none"> ● CRAB WORKSHEET ● E-1, E-2+4, E-3
	<u>UNIT -III</u> Lesson-21 Advertising and Democracy Meaning and Purpose Social or Public Service Advertising Effects of Advertising Advertising and Democracy Consumerism and its features	Learners will be able to: <ul style="list-style-type: none"> <input type="checkbox"/> explain advertising as the best way of communication. <input type="checkbox"/> understand the importance of social advertising. <input type="checkbox"/> analyse the effects of advertising. <input type="checkbox"/> interpret the relationship of advertising and democracy. <input type="checkbox"/> create consciousness in society about the rights of a consumer. 	Assignment: <ul style="list-style-type: none"> ● E-1, 3, D-3+ E-4 ● CRAB WORKSHEET ACTIVITY: <ul style="list-style-type: none"> ● Create an advertisement on any one social issue.
	<u>UNIT -II</u> Lesson – 10	Learners will be able to:	Assignment: <ul style="list-style-type: none"> ● E-1,5

	The Rise of Small Kingdoms in North India <ul style="list-style-type: none"> ● Age of three empires ● Rashtrakutas ● Palas ● Pratiharas ● Governance in North India: <ul style="list-style-type: none"> <input type="checkbox"/> Administration <input type="checkbox"/> Economy <input type="checkbox"/> Society <input type="checkbox"/> Religion <input type="checkbox"/> Education <input type="checkbox"/> Art and Architecture <input type="checkbox"/> Trade 	<ul style="list-style-type: none"> <input type="checkbox"/> explain the rise of small kingdoms in north India – Rashtrakutas, Palas, Pratiharas, after the fall of Harshavardhana (the last great ruler of ancient India) <input type="checkbox"/> enlist the reasons for the rise of Rajputs in Northern India. <input type="checkbox"/> describe the type of administration, art and culture of that period <input type="checkbox"/> compare the economic and social structure during the reign of these empires. <input type="checkbox"/> develop critical thinking abilities and analytical skills to compare with present times. 	<ul style="list-style-type: none"> ● CRAB WORKSHEET ● <i>Map Skills,</i> ● <i>Tabular chart on Rashtrakutas, Palas, Pratihara</i>
JULY	UNIT - III Lesson-18 Democracy and Equality <ul style="list-style-type: none"> ● Preamble ● Constitution ● Universal Adult Franchise ● Multi-Party System ● Right to Equality ● Reservation ● Measures taken by the Government 	Learners will be able to: <ul style="list-style-type: none"> <input type="checkbox"/> develop an understanding of the Constitution. <input type="checkbox"/> explain the concept of Universal Adult Franchise. <input type="checkbox"/> analyse how a multi-party system works. <input type="checkbox"/> describe the main provisions of the Right to Equality. <input type="checkbox"/> sensitize all about the need to be concerned for the deprived sections of society. <input type="checkbox"/> imbibe virtues of empathy, compassion and gratitude. 	Assignment: <ul style="list-style-type: none"> ● D-1: E-1,3 ● CRAB WORKSHEET. Activity: <ul style="list-style-type: none"> ● Preamble(DC)- The Gist of the Constitution (DC)
	UNIT -I	Learners will be able to:	

	Lesson – 2 Earth and the Changes on it: <ul style="list-style-type: none"> • External processes • Weathering • Erosion • Deposition • Agents of Gradation • Formation of Soil • Distribution and Conservation of Soil 	<ul style="list-style-type: none"> <input type="checkbox"/> classify the various endogenous and exogenous processes affecting lithospheric changes on the earth. <input type="checkbox"/> describe the process of weathering, erosion and deposition. <input type="checkbox"/> identify the various features formed by different agents of gradation. for example, wind, water etc. <input type="checkbox"/> understand the significance of soil and its various types. <input type="checkbox"/> justify the need to conserve soil in order to ensure sustainable development. 	Assignment: <ul style="list-style-type: none"> • D-1, E-1, 5. • CRAB WORKSHEET • Tabular charts • Map skill • Formation of soil diagram
	<u>UNIT -II</u> Lesson – 12 Turkish invasions in North India: <ul style="list-style-type: none"> • Origin of Turks • Mahmud Ghazni • Muhammad Ghori • Causes of the defeat of Indian rulers 	Learners will be able to: <ul style="list-style-type: none"> <input type="checkbox"/> justify the need for political unity. <input type="checkbox"/> enlist the attacks and invasions of Mahmud Ghazni in North India. <input type="checkbox"/> identify the aims of Muhammad Ghori. <input type="checkbox"/> analyse the causes of the defeat of Indian rulers. <input type="checkbox"/> learn from their past and develop analytical skills to accept challenging situations. 	Assignment: <ul style="list-style-type: none"> • E-1,2,3,4 • CRAB worksheet <u>Activity:</u> <ul style="list-style-type: none"> • <i>Story telling(HC)-</i> Prithviraj Chauhan, and the Battle of Tarain
	<u>UNIT -I</u> Lesson – 4 Air Around Us <ul style="list-style-type: none"> • Structure of atmosphere • Air and its composition 	Learners will be able to: <ul style="list-style-type: none"> <input type="checkbox"/> explain the structure of the atmosphere. 	Assignment: <ul style="list-style-type: none"> • CRAB WORKSHEET • TABULAR CHART ON AIR AND ITS COMPOSITION

	<ul style="list-style-type: none"> ● Pollutants in the air ● Atmospheric temperature and pressure ● Monitoring weather conditions 	<ul style="list-style-type: none"> <input type="checkbox"/> describe the composition of air and various gases present in it. <input type="checkbox"/> compare the atmospheric temperature and pressure. <input type="checkbox"/> understand the mechanism of rainfall. <input type="checkbox"/> realize the need to keep the air pure. <input type="checkbox"/> have values of striving for sustainability. 	<ul style="list-style-type: none"> ● CRAB WORKSHEET ● STRUCTURE OF THE ATMOSPHERE ● E2,5 <p>Activity: “Global Warming is threatening the life support system of the earth” Prepare a <i>fish bone organizer(CR)</i> showing different causes of global warming and their effects.</p>
AUGUST	<p><u>UNIT -II</u> Lesson – 13 Delhi Sultanate</p> <ul style="list-style-type: none"> ● Slave Dynasty ● Khilji Dynasty ● Tughlaq Dynasty ● Lodi Dynasty ● Governance under Delhi Sultanate 	<p>Learners will be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> explain various dynasties of Delhi Sultanate. <input type="checkbox"/> identify the location of Delhi Sultanate. <input type="checkbox"/> describe the governance during Delhi Sultanate period keeping in account society, economy, religion, administration. <input type="checkbox"/> compare the art, architecture and literature during different rulers of Delhi Sultanate. <input type="checkbox"/> develop values of preserving our monuments. <input type="checkbox"/> appreciate our glorious past. 	<p>Assignment:</p> <ul style="list-style-type: none"> ● E-1,2,3,4 ● CRAB WORKSHEET ● <i>Map Skills, timeline</i> <p>Activity:-</p> <ul style="list-style-type: none"> ● PICTORIAL TIMELINE(AI) - Timelines of all four dynasties.
	<p><u>UNIT -III</u> Lesson-22 Unpacking Gender</p> <ul style="list-style-type: none"> ● Roles of Boys and Girls ● Society and Stereotyping ● Gender inequality 	<p>Learners will be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> identify the stereotyping of gender roles <input type="checkbox"/> understand the need for gender equality to create a democratic society. 	<p>Assignment:</p> <ul style="list-style-type: none"> ● Tabulation of ‘Invisibilization of women’s work’ across rural and urban women ● D-1, E-2, 3, 4. ● CRAB WORKSHEET <p>ACTIVITY:</p> <ul style="list-style-type: none"> ● #SHARETHELOAD(DC)- video presentation

	<ul style="list-style-type: none"> ● Education and Awareness ● Need of Gender Equality 	<input type="checkbox"/> examine the relationship between education and women empowerment.	
OCTOBER	<u>UNIT -I</u> Lesson -5 Water surrounding the Earth <ul style="list-style-type: none"> ● Process of Water cycle ● Various movements of Ocean Water ● Importance of Oceans to Man ● Case Study of Tsunami 	<input type="checkbox"/> Learners will be able to: <input type="checkbox"/> explain the water cycle enumerating the process of evaporation, condensation and precipitation. <input type="checkbox"/> compare and contrast the sources of fresh water and saline water. <input type="checkbox"/> comprehend the various movements of ocean water i.e.; waves, ocean currents and tides. <input type="checkbox"/> classify and differentiate cold and warm currents and understand the significance of ocean currents to mankind. <input type="checkbox"/> identify the causes of high tides and low tides and understand their significance. <input type="checkbox"/> discuss the relevance of oceans to man. <input type="checkbox"/> analyse the havoc caused due to Tsunami,2004. <input type="checkbox"/> develop problem-solving skills and strength to face struggles.	Assignment: <ul style="list-style-type: none"> ● Comparative chart of warm and cold ocean currents. ● D-1, 3, E-2, 4 ● CRAB WORKSHEET ACTIVITY:- <ul style="list-style-type: none"> ● 3-D diagram of Hydrological cycle with explanation.(AI)
	<u>UNIT -II</u> Lesson-14 Regional Powers <ul style="list-style-type: none"> ● Vijay Nagar Empire ● Bahamani Kingdom ● Ahoms ● Mewar ● Marwar 	Learners will be able to: <input type="checkbox"/> analyze the emergence of independent kingdoms in India after the weakening of Delhi Sultans. <input type="checkbox"/> describe the origin, important rulers, administration, society, culture, art	Assignment: <ul style="list-style-type: none"> ● E-1,2,3,4,5 ● CRAB WORKSHEET ● <i>Map Skills</i> <u>ACTIVITY</u> <ul style="list-style-type: none"> ● You are a tourist guide, prepare a TRAVELOGUE along with an itinerary from Delhi to Hampi. (DC)

	<ul style="list-style-type: none"> ● <u>Kashmir</u> 	<p>and architecture under the Vijaynagar Empire.</p> <ul style="list-style-type: none"> <input type="checkbox"/> understand the establishment of Bahamani Kingdom and its significance as a cultural bridge between North and South India. <input type="checkbox"/> apprise about Ahoms and consolidation of their kingdom in Eastern Brahmaputra valley. <input type="checkbox"/> explain about the powerful kingdom of Mewar and its important rulers like Rana Kumbha, Sangram Singh and Maharana Pratap. <input type="checkbox"/> examine the role of Marwar and the achievements of the rulers of Kashmir. <input type="checkbox"/> develop reasoning and analytical skills <input type="checkbox"/> realize the significance of collaborative work <input type="checkbox"/> imbibe the value of being far-sighted and planned. 	
NOVEMBER	<p><u>UNIT -I</u> Lesson- 6 Life on the Earth</p> <ul style="list-style-type: none"> ● Tropical Hardwood Forests ● Grasslands ● Deserts ● Temperate Softwood Forests 	<p>Learners will be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> comprehend the inter relationship between physical and biological environment that exists in an ecosystem. <input type="checkbox"/> classify the biosphere into plant and animal kingdom. <input type="checkbox"/> understand the meaning of natural vegetation and its different types. 	<p>Assignment:</p> <ul style="list-style-type: none"> ● Tabular chart on types of forests, grasslands and deserts. ● E-2, 5 ● CRAB WORKSHEET

	<ul style="list-style-type: none"> ● Animal Kingdom ● <u>Human impact on ecosystem</u> 	<ul style="list-style-type: none"> <input type="checkbox"/> compare the variation in the vegetation cover according to the area and climatic conditions. <input type="checkbox"/> describe the diversity of the animal kingdom. <input type="checkbox"/> analyse the impact of human beings in disturbing the ecosystem and sensitize them to conserve the flora and fauna. 	
	<p><u>UNIT -II</u> Lesson- 15 The Mughal Empire</p> <ul style="list-style-type: none"> ● Rise of Mughals ● Babur ● Humayan ● Akbar ● Jahangir ● Shah Jahan ● Aurangzeb ● Governance under Mughals ● Decline of Mughals 	<ul style="list-style-type: none"> <input type="checkbox"/> Learners will be able to: <input type="checkbox"/> explain the origin of the Mughal empire in India. <input type="checkbox"/> identify key features of Mughal rulers and their contribution. <input type="checkbox"/> differentiate between architectural accomplishments under the reign of Akbar, Jahangir, Shahjahan and Aurangzeb. <input type="checkbox"/> analyze the reasons behind the gradual decline of the Mughal empire. <input type="checkbox"/> realize the significance of being tolerant, accepting and respectful towards all. <input type="checkbox"/> appreciate the integration of art and aesthetics in lifestyle. 	<p>Assignment:</p> <ul style="list-style-type: none"> ● E-1, 4, 5 ● <i>Map skills</i> ● CRAB WORKSHEET <p>ACTIVITY:-</p> <ul style="list-style-type: none"> ● VIRTUAL TOUR (DC) of all the monuments of the Mughal era.
	<p><u>UNIT -I</u> Lesson -7 Human Environment</p> <ul style="list-style-type: none"> ● Settlement ● Factor responsible for Permanent Settlement 	<p>Learners will be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> explain specific aspects of the human environment. <input type="checkbox"/> relate to the concept of settlements. 	<p>PROJECT WORK ONLY.</p>

	<ul style="list-style-type: none"> • Modes of Transportation • <u>Role of Transportation and Communication</u> 	<ul style="list-style-type: none"> <input type="checkbox"/> recognize the importance of transportation and communication in the development of a country. <input type="checkbox"/> Compare the importance of various means of transport. <input type="checkbox"/> realize and value what we possess <input type="checkbox"/> understand the significance of aspiring for progress and a better future. 	
DECEMBER	<u>UNIT -II</u> Lesson-16 Emergence of Independent States Reasons for Emergence of Independent States Bengal Awadh Hyderabad Sikhs Marathas Rajputs Mysore	Learners will be able to: <ul style="list-style-type: none"> <input type="checkbox"/> Describe the reasons for decline of Mughal empire and its effects leading to emergence of independent states. <input type="checkbox"/> identify the independent states that became powerful after the fall of Mughal empire. <input type="checkbox"/> compare the achievements and downfall of states of Bengal, Awadh, Hyderabad, Mysore and Marathas. <input type="checkbox"/> Analyze reasons for these independent states to change the face of medieval Indian history. 	Assignment: <ul style="list-style-type: none"> • D-5, E-3,4,5 • CRAB WORKSHEET • MAP SKILLS
	<u>UNIT -I</u> Lesson-8 Land and the people Sahara Ladakh Prairies Velds Amazon Basin Ganga-Brahmaputra Basin	Learners will be able to: <ul style="list-style-type: none"> <input type="checkbox"/> Identify the characteristic features of different deserts: <ul style="list-style-type: none"> ▪ Sahara ▪ Ladakh <input type="checkbox"/> Gain knowledge about different grasslands: <ul style="list-style-type: none"> ▪ Prairies ▪ Velds 	Assignment: <ul style="list-style-type: none"> • Tabular chart on deserts, grasslands and river basins. • MAP SKILLS • CRAB WORKSHEET ACTIVITY: <ul style="list-style-type: none"> • FLIPGRID on LADAKH- the pride of India.(DC)

		Analyse the life in Tropical and Sub-Tropical Forest Regions Amazon Basin Ganga-Brahmaputra Basin	
	<u>UNIT -III</u> Lesson – 19 Our State Government <ul style="list-style-type: none"> State Legislature: <ul style="list-style-type: none"> Composition Functions Powers of the Governor Powers and functions of the Chief Minister and his Council of Ministers India as a Federation 	Learners will be able to: <ul style="list-style-type: none"> explain the division of power between centre and state describe the state legislature and its two houses – Legislative Council and Legislative Assembly identify the powers of the Governor. mention the functions of the Prime Minister and his council. state the administration of Union Territories of India. develop a sense of belongingness for their state build trust in their legislature. 	Assignment: <ul style="list-style-type: none"> E-1,2,4 CRAB WORKSHEET Activity: <ul style="list-style-type: none"> <i>Know Thy State(CR)(paste pictures)</i> <ul style="list-style-type: none"> Name of the governor of your state Population of your state Chief Minister of your State Minister of Education of your State Minister of Health of your State Does it have a unicameral or bicameral legislature
	<u>UNIT -II</u> Lesson – 17 Major religions <ul style="list-style-type: none"> Islam Sikhism Bhakti Movement Sufism 	Learners will be able to: <ul style="list-style-type: none"> acquire knowledge about different religious movements which started in India during the seventh to fifteenth century. analyze the rise, teachings and contribution of various religions in Indian society. develop love, compassion, respect and tolerance towards all religions. 	PROJECT WORK ONLY

JANUARY	<u>UNIT -III</u> Lesson-23 Markets Around us Types of Markets Markets and Democracy Role of Government in protecting the interests of all sections of society	Learners will be able to: Identify different types of markets. develop understanding about the role of government in democracy. examine the different types of inequalities prevalent in modern day markets. analyse the steps taken by the government to protect the interests of all sections of society.	Assignment: <ul style="list-style-type: none"> • Comparative charts on different types of markets. • CRAB WORKSHEET ACTIVITY: <ul style="list-style-type: none"> • RECIPROCAL LEARNING- divide the class in groups and give each group a kind of market and peers shall cross question.(CR)
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HANSRAJ MODEL SCHOOL
PUNJABI BAGH, NEW DELHI
CURRICULUM PLAN
SESSION: 2025-2026
SUBJECT: SCIENCE
CLASS: VII

MONTH	TOPIC / SUB TOPICS	LEARNING INTENSTIONS	ACTIVITIES	ASSIGNMENTS
April No. of Working Days-21	Bridging the Gap-Concept of Nutrition with Ch-1-Nutrition in Living Organisms-Plants			
	<u>L -1: NUTRITION IN LIVING ORGANISMS - PLANTS</u> <ul style="list-style-type: none"> • Photosynthesis— Food Making Process in Plants • Other modes of nutrition in plants. • Modes of nutrition in other organisms • How are nutrients replenished in soil? 	The Leaner: <ul style="list-style-type: none"> • Learns about autotrophic and heterotrophic nutrition in plants and animals, highlighting key differences. • Understands the process of photosynthesis, its role in producing energy for plants, and its importance for life on Earth. • Explains the concept of symbiosis and its examples • Explores parasitic nutrition, focusing on how parasites obtain nutrients from their hosts. 	<ul style="list-style-type: none"> ❖ Make a collage depicting the features of various modes of Nutrition along with pictures. ❖ Demonstration of activity based on exchange of gases (like carbon dioxide and oxygen) in 	<p>Assignment 1 Page no. -11 Question D (1,2,3,4)</p> <p>Assignment 2 Page no.- 11&12 Question E (2,3,4)</p>

		<ul style="list-style-type: none"> • Learns how the pitcher plant uses carnivorous nutrition to obtain nutrients from insects. • Develops skills like social responsibility and environmental awareness. 	<p>leaf from the atmosphere.</p> <p>❖ Group Discussion: To engage the class in a discussion to explore the key differences between autotrophic and heterotrophic nutrition in plants, highlighting their unique characteristics and processes.</p>	
April	<u>L-2: NUTRITION IN LIVING ORGANISMS – ANIMALS AND MAN</u>	<p>The Learner:</p> <ul style="list-style-type: none"> • Understands how different organisms ingest food through various feeding methods and mechanisms. 	<p>❖ Make a model of the digestive system/human teeth using clay, cloth,</p>	<p>Assignment 3</p> <p>Page No.- 28</p> <p>Question-D(1,2,3,5,7)</p>

	<ul style="list-style-type: none"> • Modes of intake of food. • Food habits of animals. • Modes of nutrition • Nutrition in humans. • Nutrition in cud chewing animals. • Nutrition in amoeba 	<ul style="list-style-type: none"> • Identifies and describe the eating habits of different animals, including herbivores, carnivores, and omnivores. • Recognizes the different modes of nutrition like autotrophic and heterotrophic, and their significance. • Learns how humans obtain and process nutrients, for digestion, absorption • Understands how cud-chewing animals digest food and the process of rumination • Describes how amoebas take in food and digest it. • Grows psychomotor skills, communication, and collaboration. 	<p>plastic etc. or any other material available at home.</p> <ul style="list-style-type: none"> ❖ Draw a colourful diagram to show any one of the following - Human Digestive System, Tongue and Nutrition in Amoeba ❖ Conduct an experiment to demonstrate how digestive enzymes break down food, using starch and iodine solutions. 	Assignment 4- Page No.- 29 Question- D(8) E(1,4,6)
May	<u>L-7: RESPIRATION IN ORGANISMS</u> <ul style="list-style-type: none"> • Types of respiration. 	The Learner - <ul style="list-style-type: none"> • Defines the term respiration. • Learns the process of cellular respiration. • Differentiates between aerobic and anaerobic respiration. 	<ul style="list-style-type: none"> ❖ Depict a model of the respiratory system using simple materials like 	Assignment 5 Page No.- 113 Question- D (2,3,4,5,6)

<p>No. of Working Days-14</p> <p>May</p>	<ul style="list-style-type: none"> • Respiration in plants. • Respiration in animals. • Respiration in humans. 	<ul style="list-style-type: none"> • Understands mechanism of breathing in human beings. • Investigates real-world problems and finding creative ways to solve them and advance into information literacy. • Establishes critical thinking and creative skills. 	<p>thermocool, straw, balloons, thread, clay etc. or a working model to show inhalation and exhalation processes.</p> <ul style="list-style-type: none"> ❖ Find out about any five dishes prepared by the process of fermentation in various parts of India. Also paste their pictures. ❖ Demonstration to show anaerobic respiration in Yeast. ❖ To ask students to measure their breathing rate before and after physical activity to understand how exercise 	<p>Assignment 6</p> <p>Page No.- 113</p> <p>Question- E (1,2,3,5)</p>
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			affects respiration.	
	<p><u>L-11: ELECTRIC CHARGE</u> <u>AT REST</u> (Internal Assessment)</p> <ul style="list-style-type: none"> Charged and Uncharged objects Conductors and insulators Kinds of charges in nature Charges are produced in pairs Charging by friction/ rubbing Charging by contact/ conduction Earthing Charging by induction Charges in nature- production of lightning 	<p>The Learner:</p> <ul style="list-style-type: none"> Summarizes the difference between charged and uncharged objects Identifies and differentiate between conductors and insulators based on their ability to conduct electricity. Classifies the various objects into charged objects and uncharged objects Learns about the two types of charges in nature: positive and negative charges. Demonstrates the properties of charged objects Compares the various methods of charging the objects Interprets the concept of earthing and appreciates how it prevents electrical hazards by safely transferring charge to the ground. 	<ul style="list-style-type: none"> ❖ Paste pictures to show precautions to be taken during Lightening ❖ Hands on activity using balloon/ thermocol ball /pith ball/comb/paper to show method of charging by rubbing and conduction. ❖ To Charge a metal rod/balloon and bring it near an aluminum can to move it. 	<p>Assignment 7 Page No.- 173 Question- D(2,3,4,5,6)</p> <p>Assignment 8 Page No.- 173 Question- E(2,3,4,5)</p>

	<ul style="list-style-type: none"> ● Lightning conductor ● Advantages and disadvantages of lightning ● Precaution during lightning 	<ul style="list-style-type: none"> ● Lists the precautions taken during lightning ● Develops Literacy skills like information, media, and technology as well as learning skills like critical thinking, collaboration, and communication. 		
<p>July</p> <p>No. of Working Days-25</p>	<p><u>L-3: CHEMICAL SUBSTANCES AND PROCESSES</u></p> <ul style="list-style-type: none"> ● Chemical symbols ● Chemical formula ● Chemical changes and physical changes ● Chemical equation ● Balancing of chemical equations- ● Types of chemical reactions- combination, decomposition, 	<p>The Learner -</p> <ul style="list-style-type: none"> ● Compares physical changes and chemical changes. ● Writes the chemical equation and balance it. ● Differentiates between various types of reactions. ● Classifies elements compounds and mixtures. ● Represents chemical substances and symbols. ● Derives chemical formula of substances. ● Lists positive ions and negative ions. ● Develops digital literacy, critical thinking, and creativity. 	<ul style="list-style-type: none"> ❖ Make a fun flappable/ foldable depicting symbol of elements, ions and chemical formula. ❖ Making models of atoms, molecules, elements and compounds using clay/ beads/ buttons/ blocks etc to learn their identification 	<p>Assignment 9 Page No. -44 Question -D (1,2,3,4)</p> <p>Assignment 10 Page No. -45 Question – D (5,6,7) E (5)</p>

July	displacement, double displacement		and differences. ❖ Fish Ion Game - Game will be designed using magnets and symbols of ions to make them understand the making of formula. ❖ To ask students to make a friend of symbols of elements and ions.	
	<u>L-4: ACIDS, BASES AND SALTS</u> <ul style="list-style-type: none"> ● Introduction acid and bases. ● Bases as alkalis. ● Indicators. ● Neutralization and formation of salts. ● Naming of salts. 	<p>The Learner-</p> <ul style="list-style-type: none"> ● Classifies acids bases mineral acids and organic acids. ● Understands what an indicator and its uses is. ● Performs an activity to understand the process of neutralization. ● Differentiates between acidic, basic, and neutral salts. 	<ul style="list-style-type: none"> ❖ Making of turmeric and China rose indicator at home and checking the nature (Acidic/ Basic) of the substances available at home and 	<p>Assignment 11 Page No. 56 Question -D all parts</p> <p>Assignment 12 Page No. -57 Question -E (3,4,5)</p>

	<ul style="list-style-type: none"> ● Properties of salts. ● Classification of salts. 	<ul style="list-style-type: none"> ● Shares thoughts, questions, ideas, solutions and analyze. ● Explores and blossom love for things from nature which can be used for learning. 	<p>documenting it.</p> <ul style="list-style-type: none"> ❖ Magic painting with acid and bases or card making using turmeric and China rose as indicators. ❖ Paste /Draw pictures of different items to show different types of acids in daily life. 	
	<p><u>L-6: MOTION AND TIME</u></p> <ul style="list-style-type: none"> ● Motion ● All motion is relative. ● Motion along a straight line. ● Speed. 	<p>The Learner -</p> <ul style="list-style-type: none"> ● Describes motion. ● Differentiates between uniform motion and non-uniform motion. ● Calculates average speed. ● Draws distance time graphs. ● Understands graphical representation of motion. ● Consistently cultivates higher-order thinking skills. ● Collaborates with others. 	<ul style="list-style-type: none"> ❖ Make a device sundial which was developed by early scientists to measure time intervals using paper/ pencil etc. ❖ Make a simple pendulum using metal 	<p>Assignment 13 Page No. -97,98 Question -D(1,2,6,7)</p> <p>Assignment 14 Page No. -98,99 Question -D (5) E (3,4)</p>

	<ul style="list-style-type: none"> • Uniform and non-uniform motion. • Time • Measuring speed <p>Graph</p>	<ul style="list-style-type: none"> • Makes Real -World Applications. 	<p>piece/ stone and measure the time period.</p> <p>❖ Go to a playground and in team of 5 challenge a race among yourselves calculating the speed of each member by measuring the distance covered and the time taken. Also plot distance time graph to depict your findings.</p>	
	<p><u>L-5: HEAT</u></p> <ul style="list-style-type: none"> • Heat as energy • Heat and temperature 	<p>The Learner -</p> <ul style="list-style-type: none"> • Understands effects of heat-physical and chemical • Demonstrates activity to show various methods of heat transfer. • Records reading from a clinical thermometer 	<p>❖ Demonstration of activity by the students in group to show any experiment related to mode of transfer of heat level like</p>	<p>Assignment 15 Page No. - 77 Question No.-D (4,1,3,5,6)</p> <p>Assignment 16 Page No. 78</p>

<p>August</p> <p>No. of Working Days-22</p>	<ul style="list-style-type: none"> ● Mercury in glass thermometer ● Least count ● Measurement of heat. ● Modes of Transfer of heat ● Conduction ● Convection ● Radiation 	<ul style="list-style-type: none"> ● Learns practical applications of conduction, convection, and radiation. ● Integrates critical thinking skills within and across all content areas. ● Develops digital fluency. 	<ul style="list-style-type: none"> ❖ Search for data from climate studies or physics experiments, such as how heat transfer plays a role in weather systems or the functioning of everyday appliances like refrigerators or ovens. ❖ Set up a hot water tank with food coloring to visualize convection currents in action. Capture images or videos to show the process. ❖ Investigate how ancient civilizations understood and used convection for 	<p>Question -E 2 (b,c,d), 3,4</p>
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			<p>creating airflow in buildings.</p> <p>❖ Collect data for your infographic depicting the three different methods of heat transfer with examples using pictures/ drawings.</p>	
	<p><u>L-10: SOIL</u></p> <p>(Internal Assessment)</p> <ul style="list-style-type: none"> ❖ Soil formation ● Soil profile ● Properties of soil ● Soil as resource ● Soil pollution ● Soil and crops ● Soil erosion 	<p>The Learner:</p> <ul style="list-style-type: none"> ● Learns about how soil is formed. ● Draws diagrams of soil profile. ● Discusses the causes of soil pollution ● Describes the ways to reduce soil pollution. ● Develops openness and courage to explore ● Establishes love for nature to conserve and preserve, Arrive at experimental results, comparison, and research. 	<ul style="list-style-type: none"> ❖ Design a 3D idol/object using soil and mention properties of soil. ❖ Draw a well labelled colourful diagram of soil profile using sand, clay, pebbles, stone, Grass etc. ❖ Demonstration of activity to compare, the 	<p>Assignment 17</p> <p>Page No. -157</p> <p>Question -D(2,3,5,6)</p> <p>Assignment 18</p> <p>Page No.157</p> <p>Question -E(1,2,3,4,5)</p>

			Sandy clay and loamy soil based on properties like plasticity, density, infiltration and percolation.	
<p>October</p> <p>No. of Working Days-17</p>	<p><u>L-13: WEATHER, CLIMATE AND ADAPTATION OF ANIMALS</u></p> <p>(Internal Assessment)</p> <ul style="list-style-type: none"> ❖ Weather ● Climate ● Climate and adaptation. ● Climatic zones of India ● The polar regions ● The tropical rain forests. 	<p>The Learner -</p> <ul style="list-style-type: none"> ● Differentiates between weather and climate. ● Explains the climatic zones of India. ● Learns about the climate of – Polar Regions & tropical rainforest. ● Knows about the adaptation of living animals in different regions. ● Evolves into environmental concerns, research, read critically, explore. 	<ul style="list-style-type: none"> ❖ You must have heard and read about weather related stories in newspaper etc about natural disasters like storms, cyclones, landslides etc. Write about the prevalent natural disasters our country is facing with its causes and 	<p>Assignment 19</p> <p>Page No.-210</p> <p>Question -D (1,4,5,6)</p> <p>Assignment 20</p> <p>Page No. 210,211</p> <p>Question -E (1,3,4,6)</p>

October			<p>effects. Also, what can be done to reduce their occurrence.</p> <ul style="list-style-type: none"> ❖ Group Presentation on any topic given with learning aids. ❖ Make a scrapbook/ flip book on adaptation by animals found in the polar region and in tropical rainforest. 	
	<p><u>L-14: FABRIC FROM FIBRE</u> (Internal Assessment)</p> <ul style="list-style-type: none"> • Animal fibres • Fleece and animals from which we get fleece 	<p>The Learner:</p> <ul style="list-style-type: none"> • Lists sources of wool and Silk. • Constructs a flowchart of making wool from fleece. • Explains the process of sericulture. • Draws a life cycle of silk moth. 	<ul style="list-style-type: none"> ❖ Using craft pictures/ drawings illustrate the various steps of making wool from fleece. 	<p>Assignment 21 Page No.- 200 Question -A (all parts)</p> <p>Assignment 22 Page No. 200,201</p>

October	<ul style="list-style-type: none"> ● Process of obtaining wool from fleece ● Process of obtaining Silk from silk worm 	<ul style="list-style-type: none"> ● Promotes psychomotor, imaginative, creative artistic and curiosity skills. 	<ul style="list-style-type: none"> ❖ Build a 3-D representation of the silk moth's life cycle, utilizing various materials such as yarn, foam, and beads. 	Question -E(1,2,3,5)
	<p><u>L-9: REPRODUCTION IN PLANTS</u></p> <ul style="list-style-type: none"> ● Reproduction ● Types of reproduction in plants. ● Asexual reproduction and its types ● Advantages and disadvantages of asexual reproduction over sexual reproduction 	<p>The Learner -</p> <ul style="list-style-type: none"> ● Differentiates between sexual and asexual reproduction. ● Draws diagram of bisexual flower. ● Identifies the modes of reproduction in various organisms. ● Explains process of fertilization in flowers (Plant). ● Discusses the importance of seed dispersal. ● Learns leadership, flexibility, creativity, experimental, analyzing, and synthesizing skills. 	<ul style="list-style-type: none"> ❖ Dissect any bisexual flower, paste its various parts along with their descriptions and drawings. ❖ To better understand the vegetative propagation through roots, stem and leaf. ❖ Grow a plant vegetatively and document its features, 	<p>Assignment 23 Page no.- 143 Question -D (3,4,5)</p> <p>Assignment 25 Page No. - 143 Question -E(1,4,5)</p>

	<ul style="list-style-type: none"> • Sexual reproduction. • Structure of flower • Pollination and its types • Fertilization • Fate of flower • Seed dispersal 		<p>observations and findings. Also paste pictures.</p> <p>❖ To make a picture gallery to show sexual reproduction in flowering plants involving the process of pollination, fertilization, seed formation and development of the fruit.</p>	
November	<p><u>L-12: LIGHT</u></p> <ul style="list-style-type: none"> • Reflection of Light • Diffused and regular reflection • Properties of images formed by plane mirror • Laws of reflection of light 	<p>The Learner -</p> <ul style="list-style-type: none"> • Defines reflection in plane mirror. • Understand laws of reflection. • Identify the multiple image formation. • Construction of kaleidoscope. 	<p>❖ Activity demonstration by using toothpicks/ matchsticks try to show the phenomenon of lateral inversion of any five letters</p>	<p>Assignment 25 Page No.- 195 Question -D (3,4,6,7)</p> <p>Assignment 26 Page no.-196,196 Question -E (1,2,5)</p>

<p>No. of Working Days-22</p>	<ul style="list-style-type: none"> ● Image formed by plane mirror- ray diagram ● Real and virtual image ● Multiple image formation and its application ● Spherical mirrors ● Terms associated with spherical mirrors ● Images formed by concave mirror ● Images formed by convex mirror ● Applications of mirrors 	<ul style="list-style-type: none"> ● Draw images formed by spherical mirrors. ● Collaborate, self-inquiry, concept mapping. ● Arrive at Real life task-based learning, evolve psychomotor skills and problem solving. 	<p>of the alphabets.</p> <ul style="list-style-type: none"> ❖ Making of any one toy / game using mirrors like Kaleidoscope/ Magic Mirror/Infinite well. ❖ Activity demonstration using broomstick, thread and sheets depict the various cases of image formation for concave mirror. ❖ To show rules of reflection and image formation by using spherical mirror / Optical Kit in class. 	
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<p>December</p> <p>No. of Working Days-23</p>	<p><u>L-17: ELECTRIC CURRENT AND ITS EFFECT</u></p> <ul style="list-style-type: none"> • Electric current and circuits • Electric Symbols • Effect of Electric Current • Heating Effect of Electric Current • Advantages and disadvantages of heating Short circuit, Overloading and insulation breakdown • Electric Fuse • MCBs • Magnetic effect of current • Electromagnets- function and applications • Electric Bell 	<p>The Learner:</p> <ul style="list-style-type: none"> • Identifies symbols of some electric circuit components. • Explains the heating effect of electric current. • Discusses the importance of electric fuse in an electric circuit theory. • Understands magnetic effect of electric current. • Differentiates the practical uses of electromagnet. • Understands the working of an electric bell. • Investigates and develop research skills and be a resourceful learner. 	<ul style="list-style-type: none"> ❖ To make an Electromagnet and to study the factors on which its strength depends. ❖ Simple activity to show current carrying wire can act like a magnet. ❖ Take out the parts of old and out of use toys bells telephones etc to find presence of an electromagnet used in them. 	<p>Assignment 27 Page No.- 261 Question - D(2,3,4,6)</p> <p>Assignment 28 Page No. -261 Question -E (1,4,5)</p>
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December	<p><u>L-15: FORESTS</u></p> <ul style="list-style-type: none"> • Components of forest. • Life in forest. • Food chain and Food Web • The layers of the forest • Importance of forests • Deforestation and other problems related to forests. • Some common trees in India 	<p>The Learner-</p> <ul style="list-style-type: none"> • Appreciates the importance of forest in daily life. • Compares biotic and abiotic components of forest. • Discovers various Food Chain and Food Web in a forest. • Organizes different layers in forest. • Shows and tell some common trees found in India and their importance. • Flourishes their creative skills, critical thinking, caring and contributing citizens towards environment. 	<ul style="list-style-type: none"> ❖ Draw/ or paste pictures of any common tree in India and write their scientific names and their usefulness for the community. ❖ Make a poster with a quote on importance of forest. ❖ Display any five food chains using paper cutting and folding. 	<p>Assignment 29 Page No.-235 Question -D(1,2,3,4,5)</p> <p>Assignment 30 Page No.-235 Question -E (2,3,4,5)</p>
December	<p><u>L-16: WATER</u></p> <ul style="list-style-type: none"> • Water on earth • Ground water and water table. • Scarcity of water 	<p>The Learner -</p> <ul style="list-style-type: none"> • Understands the importance and uses of water. • Knows about the different sources of water. 	<ul style="list-style-type: none"> ❖ Tell a story related to water shortage and water conservation pertaining to various geographical 	<p>Assignment 31 Page No.- 244 Question - D (all parts)</p> <p>Assignment 32 Page No.- 244 Question - E (all parts)</p>

	<ul style="list-style-type: none"> ● Water management ● Waste water management. ● Methods to conserve water 	<ul style="list-style-type: none"> ● Discusses the consequences of water scarcity. ● Appreciates the wastewater management. ● Learns about our role in wastewater management. ● Speaks clearly, debate, research, investigate, collaborate, and synthesize. 	<p>regions of India.</p> <ul style="list-style-type: none"> ❖ With the help of newspaper cuttings, encyclopaedia or internet find out ‘water related problems’ faced by people living in different regions for a group discussion in class. ❖ Discussion on water conservation/Rainwater harvesting practice at home. ❖ Make a Poster /Slogan using Fabric Paints on a Cloth Bag. 	
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<p>January</p> <p>No. of Working Days-17</p>	<p><u>L8: TRANSPORTATION IN PLANTS AND ANIMALS</u></p> <ul style="list-style-type: none"> ● Transpiration in plants. ● Transpiration- A necessary evil ● Transportation in animals. ● Transportation in Human ● Heart- structure and Function ● Types of Blood Vessels ● Blood and its Function ● Excretion in animals. 	<p>The Learner -</p> <ul style="list-style-type: none"> ● Defines the term transportation. ● Recalls the kinds of transportation in plants. ● Calculates pulse rate. ● Draws diagram of excretory system. ● Develops psychomotor skills, communication, collaborate, investigate and social skills. 	<ul style="list-style-type: none"> ❖ Make a board game containing 10 cards based on a circulatory and excretory system. ❖ Make your own pulse meter and measure the pulse of your family members. ❖ Make Graphic Organizers depicting the functioning of heart (CR/AI). 	<p>Assignment 33 Page No.- 127 Question - D (2,3,4,5)</p> <p>Assignment 34 Page No.- 127 Question -E(2,3,4,5)</p>
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हंसराज मॉडल
स्कूल पंजाबी बाग,
नई दिल्ली
पाठ्यचर्या-योजना
2025-2026
कक्षा –
सप्तमी

विषय:-
संस्कृतम्

मासाः	पाठाः विषयाः	शिक्षणोद्देश्यानि	गतिविधयः	अभ्यासकार्यम्
अप्रैल	<p>कर्ता, क्रिया-प्रयोगः</p> <p>प्रार्थना ईश्वर। तव महिमानं वन्दे</p> <p>प्रथमः पाठ- बुद्धिः एवं अस्माक बलम्</p> <p>भूतकाले धातुरूपाणां प्रयोगः</p>	<p>अधिगमकर्तारः एतानि कार्याणि कर्तुं समर्थाः भविष्यन्ति ।</p> <p>प्रार्थना माध्यमेन छात्रेषु गायनकौशलस्य विकासः भविष्यति । वाचनकौशलस्य विकासः पठनकौशलस्य विकासः</p> <p>चिन्तनकौशलस्य विकासः वाचनकौशलस्य विकासः आत्मरक्षायै उपायचिन्तनम् समस्यासमाधानाय उपायचिन्तनम्</p> <p>कर्तृक्रियाणां प्रयोगः संस्कृत-सम्भाषणे</p>	<p>गतिविधिः गीतगायनम् - छात्राः मिलित्वा पार्थनां गास्यन्ति । गतिविधिः कथालेखनम् - छात्राः बुद्धिचातुर्यस्य अन्याम् एका कथां सचित्रं लेखिष्यन्ति ।</p>	<p>(पृष्ठ- 1)</p> <p>प्रश्नाः 4,5,6 (पृष्ठ-6,7) कार्यपत्रम् छात्राः प्रश्नानाम् उत्तराणि लेखिष्यन्ति । पाठाधारित कार्यपत्रम् पाठाधारित प्रश्नाः (पृष्ठ-9,10,11) कार्यपत्रम्</p>

		भूतकालस्य प्रयोग		
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मई	द्वितीयः पाठः- अभ्यासः एव परमो गुरुः	भाषणकौशलस्य विकासः सफलतायै उपायचिन्तनम् आत्मावलोकनम् अभ्यासस्य परिणामज्ञानम् वाचनकौशलस्य विकासः	गतिविधिः- कथाकथनम्- छात्राः एकलव्यस्य कथां श्रावयिष्यन्ति ।	प्रश्नाः 4,5,6 (पृष्ठ- 14,15) कार्यपत्रम्
	अव्ययपदानि	चिन्तनकौशलस्य विकासः अव्ययपदानां प्रयोगः शब्दज्ञानम्	कार्यपत्रम् अव्ययपदानां सूचीनिर्माणम्	अभ्यासप्रश्नाः (पृष्ठ-17,18)
	उपसर्गाः-	शब्दज्ञानम्	उपसर्गयुक्तपदानां सूचीनिर्माणम्	अभ्यासप्रश्नाः (पृष्ठ- 20)
	तृतीयः पाठः- उपकारकाः वृक्षाः	कर्तृक्रियापदानां प्रयोगः नवीनपदानां ज्ञानम् प्राणिनां जीवने वृक्षाणाम् उपयोगिता समस्यासमाधानचिन्तनम्	गतिविधिः- वृक्षरक्षणम् - छात्राः वृक्षारोपणं कुर्वन्तः स्वचित्राणि गृहीत्वा प्रेषयिष्यन्ति ।	प्रश्नाः 4,5,6 (पृष्ठ- 22,23) कार्यपत्रम्
	क्त्वा प्रत्यय	वाक्येषु क्त्वा प्रत्ययस्य प्रयोगः भाषाज्ञानम्	क्त्वा प्रत्ययान्तपदानां सूचीनिर्माणम्	अभ्यासप्रश्नाः (पृष्ठ- 26)

<p>जुलाई</p>	<p>चतुर्थः पाठः- आगच्छ ! भोजनं कुर्याम</p> <p>उपपदविभक्तिः द्वितीया. तृतीया, चतुर्थी)</p> <p>दीर्घसन्धिः</p> <p>पत्रलेखनम्</p>	<p>पौष्टिकभोजनस्य महत्त्वम् स्वास्थ्येन सह भोजनस्य सम्बन्धः लोट् लकारस्य प्रयोगः भोजनस्य पौष्टिकतत्त्वानां ज्ञानम् SDG-3 उत्तम स्वास्थ्य</p> <p>उपपदविभक्तिनां नियमज्ञानम् वाक्यप्रयोगः भाषाज्ञानम्</p> <p>सन्धियुक्तपदानाम् अर्थावबोधनम् तार्किकचिन्तनम् सन्धिकार्यम्</p> <p>सम्प्रेषणक्षमतायाः विकासः</p>	<p>गतिविधिः- छात्राः फलानां शाकानां वा चित्राणां समक्ष तेषां तत्त्वानां नामानि लेखिष्यन्ति।</p> <p>पत्रलेखनम्</p>	<p>प्रश्नाः- 4,5,6 (पृष्ठ 32,33) कार्यपत्रम्</p> <p>अभ्यासप्रश्नाः (पृष्ठ-77,78) कार्यपत्रम्</p> <p>अभ्यासप्रश्नाः (पृष्ठ- 87,88) कार्यपत्रम्</p> <p>अभ्यासः (पृष्ठ-89)</p>
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अगस्त	पञ्चमः पाठः- सुवचनानि	विद्यायाः महत्त्वम् मानवजीवने गुणानां जीवनमूल्यानां च महत्त्वम्	गतिविधिः- श्लोकगायनम् छात्राः सस्वरं श्लोकान् गास्यन्ति ।	प्रश्नाः 4,5,6 (पृष्ठ- 40,41) कार्यपत्रम्
	अपठितावबोधनम्	SDG-4 गुणवत्तापूर्ण शिक्षा भाषाज्ञानम् सम्प्रेषणकौशलस्य विकासः		अभ्यासप्रश्नाः
सितम्बर	चित्रवर्णनम्	वाक्यरचना चिन्तनकौशलस्य विकासः	वाक्यनिर्माणम्	वाक्यनिर्माण-अभ्यासः (पृष्ठ-90)
	सङ्ख्या	सङ्ख्यापदानां ज्ञानम् सङ्ख्यापदानां प्रयोगः		वाक्येषु सङ्ख्यापदानाम् अभ्यासः (पृष्ठ- 84,85)
	पुनरावृत्तिः	पठितपाठानाम् अभ्यासः		परीक्षायै अभ्यासकार्यम्

अक्टूबर	पृष्ठः पाठः- यस्य बुद्धिः तस्य बलम्	समस्यासमाधानम् विपदि उपायचिन्तनम् धैर्यस्य महत्त्वम्	गतिविधिः-काकस्य विषये संस्कृत भाषया सचित्रम् अनुच्छेदलेखनम् ।	प्रश्नाः- 4,5,6 (पृष्ठ-49,50) कार्यपत्रम्
	तुमुन् प्रत्ययः	वाक्येभ्यः प्रत्यययुक्तपदानां चयनम् प्रकृतिप्रत्ययविभागश्च प्रत्ययान्तपदैः वाक्यरचनाभ्यासः	तुमुन् प्रत्ययस्य सूचीनिर्माणम् वाक्यप्रयोगः च	अभ्यासकार्यम् (पृष्ठ-53,54)
	सन्धिः (गुणसन्धिः)	सन्धियुक्तपदानाम् अर्थावबोधनम् चिन्तनकौशलस्य विकासः सन्धिकार्यम्		अभ्यासपत्रम् (पृष्ठ- 88)
	सप्तमः पाठः- बुद्धिः एव उत्तमा	* बुद्धिपूर्वकम् कार्यसम्पादनम् अन्यायस्य परिणामस्य ज्ञानम् बुद्धेः महत्त्वम्	गतिविधिः- कर्तृक्रियापदानां चयनम् ।	प्रश्नाः 4,5,6, (पृष्ठ- 56,57) कार्यपत्रम्

नवम्बर	अष्टमः पाठः अविवेकः परम-आपदां पदम्	संस्कृतसंवादशैल्याः ज्ञानम् अभिनयपूर्वकं वाचनम् मैत्रीभावनायाः विकासः SDG-17 लक्ष्य प्राप्त्यर्थम् मित्रता	गतिविधिः- भूमिकानिर्वाहः छात्राः अभिनयपूर्वकं पाठं पठिष्यन्ति।	प्रश्नाः 4,5,6, (पृष्ठ-66,67) कार्यपत्रम्
	नवमः पाठः बुद्धिमान् गोपालकः	चिन्तनकौशलस्य विकासः निर्णयक्षमतायाः विकासः बुद्धेः प्रयोगः	गतिविधिः- (परियोजनाकार्यम्) प्राकृतिकदृश्यम् अधिकृत्य संस्कृतेन सचित्रं वाक्यरचना।	प्रश्नाः 4,5,6 (पृष्ठ- 74,75) कार्यपत्रम्
दिसम्बर	दशमः पाठः मधुरवचनानि	श्लोकानाम् अन्वयपूर्वकम् अर्थावबोधः जीवनमूल्यानाम् विकासः परिश्रमस्य महत्त्वम् विद्यायाः उपयोगिता SDG-4 गुणवत्तापूर्ण	गतिविधिः श्लोकोच्चारणम्	प्रश्नाः 4,5,6 (पृष्ठ- 81,82) कार्यपत्रम्

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जनवरी	उपपदविभक्तयः पञ्चमी, षष्ठी, सप्तमी	वाक्यरचनाभ्यासः तार्किकचिन्तनम्	गतिविधिः वाक्येषु रेखाङ्कितपदानाम् विभक्तिः तत्कारणं च लेखनम् ।	अभ्यासप्रश्नाः (पृष्ठ-77,78)
	सङ्ख्या	सङ्ख्यापदानां ज्ञानम् सङ्ख्यापदानां प्रयोगः	वाक्येषु सङ्ख्यापदानाम् प्रयोगः	अभ्यासप्रश्नाः (पृष्ठ- 84,85)
	चित्रवर्णनम्	वाक्यरचना	वाक्यनिर्माण-अभ्यासः	अभ्यासः (पृष्ठ-90)
फ़रवरी	वार्षिकपरीक्षा	मूल्याङ्कनम्		