



KALKA PUBLIC SCHOOL

BPTP (PARKLANDS), SECTOR-76, FARIDABAD, HARYANA

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CLASS – VII

EXTENSIVE CURRICULUM

(2025-2026)



**KALKA PUBLIC SCHOOL
BPTP, FARIDABAD**

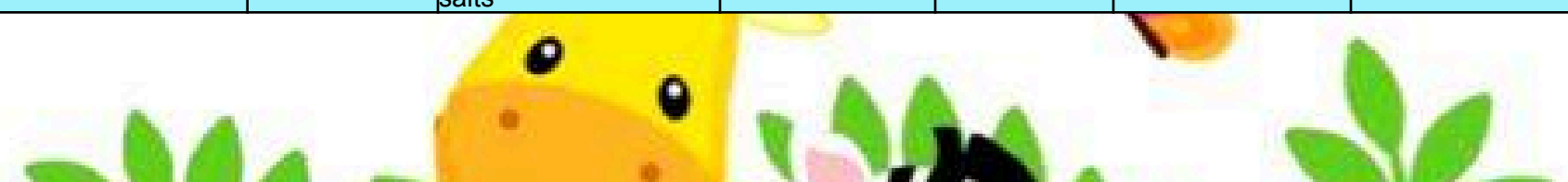
MONTH: APRIL

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
English	L-1	CH-1 A model Millionaire	The Model Millionaire” by Oscar Wilde is a short story about Hughie Erskine, a kind but poor young man who wants to marry Laura, but her father demands he earn £10,000 first.	The story “The Model Millionaire” teaches that kindness and generosity, even from those who have little, are valuable traits.	Hughie’s kind act teaches that real-life experiences can show us the value of kindness, proving actions speak louder than words.	Encourage students to participate in online forums or discussions on generational differences.	They can also explore literature and films that depict intergenerational conflicts.	The story highlights kindness, empathy, and generosity as essential life skills that can positively impact both others and ourselves.
	Poem- Daffodils	Poem- Daffodils	William Wordsworth’s poem “Daffodils” describes the poet’s joy and peace upon seeing a field of golden daffodils dancing in the breeze. The beauty of nature leaves a lasting impression on him, bringing comfort even	The poem teaches the value of connecting with nature, showing how natural beauty can uplift the human spirit and bring inner peace.	The poet shares a personal experience of encountering daffodils, which helps readers feel the same joy and calm, making them appreciate nature through his emotions.	Utilize online resources such as videos, podcasts, and interactive websites.	Encourage students to explore additional literary works or biographies that showcase themes of strength and courage.	The poem encourages mindfulness, appreciation of simple joys, and emotional well-being—important skills for leading a balanced and happy life.

			in solitude.					
	GRAMMAR-Sentences-declarative, imperative, interrogative and exclamatory Pronouns WRITING- Informal letter	GRAMMAR-Sentences-declarative, imperative, interrogative and exclamatory Pronouns WRITING- Informal letter	This section contains declarative, imperative, interrogative and exclamatory sentence and Informal letter writing	Students will understand the structure and language features.	Students can create their own sentences discussing real-life scenarios.	Students can explore sample informal letters online, analyzing their structure and language features.	Students can explore literature to find examples of each sentence type in context.	Helps students develop interpersonal communication skills
Hindi	पाठ 1 पाठ 2	ऊंचाई एक तकनीक ऐसी भी	संबंधित विषय उच्च शिखर पर आधारित है संबंधित विषय नई तकनीक पर आधारित है	छात्र पाठ के महत्व को जान सकेंगे छात्र पाठ के अर्थ को समझ सकेंगे	चर्चा व्याख्यान समाधान निकालना	उपकरण वीडियो पीडीएफ वीडियो	ऊंचाई के बारे में विश्लेषण व कल्पना	कल्पना शक्ति पर विस्तार करना



	व्याकरण	भाषा, बोली, लिपि, वर्ण विचार और उच्चारण अपठित गद्यांश	भाषा एवम् लिपि के बारे में जानना	छात्र व्याकरण के विषय में जानकारी प्राप्त कर सकेंगे।	संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	विषय से संबंधित वीडियो	भाषा, लिपि में ज्ञान बढ़ाना	बौद्धिक क्षमता का विकास करना
Maths	Chapter 1	Knowing our numbers	Addition, subtraction, multiplication and division of integers. Properties of integers.	Students will be able to understand- How to use different properties. How to use the suitable arrangements to solve the numbers.	To make a summary of properties of integers on A3 size sheet paper.	Videos related to the topics, PPT, PDF	Worksheets and assignments	Interactive session at the class based on the topics.
Science	CHAPTER-1 CHAPTER-4	1.Nutrition in plants 2. Acids,Bases and Salts	Nutrition and its types, Autotrophic and Heterotrophic nutrition, Photosynthesis process Properties of acids, bases and salts with examples, indicators and neutralisation reaction	Students will be able to- Understand- photosynthesis process, mode of nutrition in animals Explain- Nutrition in ruminants Demonstrate- importance of photosynthesis Differentiate- between modes of nutrition Describe- Properties of acids bases and salts	Experiment to show that- 1. CO ₂ is necessary for photosynthesis. 2 checking acidic and basic nature of substances	Videos related to the topics, PPT, PDF Videos related to the topics, PPT, PDF	Worksheets Assignments	Importance of nutrition in plants and animals. learning of scientific concepts of acids,bases and salts





Social SCIENC E	CH-1 (HISTORY)	Tracing Changes in Medieval Period	Medieval India Historians and their Sources New Social and Political Groups Region and Empire Old and New Religion Historical Periods	Students will able to know about : Early Medieval Period Late Medieval period Archaeologica l sources Literary sources Coins Inscriptions Autobiograph y and biography Chronicle	Collect information about the coins used in the medieval period. Make similar coins using clay and colours.	Video on Earth in the Solar system PowerPoint Presentation	Worksheets Home Assignments Activity Zone	Knowledge about medieval India and sources from where we get to know about this period.
	CH-1 (Civics)	Equality in a democracy	Kinds of inequality Democratic Equality in India Efforts of Government to bring Equality Effects of Government programmes Issues of Equality in other Countries	Students will able to know about : Universal Adult Franchise Indian Constitution Civil Rights Act of 1964	Inequality exists in our society in all forms, despite the fact that the Indian Constitution recognizes all as equals. Why do you think this happens ?	Video PowerPoint Presentation	Worksheets Home Assignments Activity Zone	Knowledge about equality and its importance
	CH- 1 (Geography)	Our Environm ent	What is the Environment? Natural Environment Human- made Environment Adverse effects of Human Activities on	Students will be able to understand : Components of environment Lithosphere	Environment around me “Collage”	Video PowerPoint Presentation	Worksheets Home Assignments Activity Zone	About environment and its importance

			Environment	Hydrosphere Atmosphere Biosphere Eco-system Human-Made Environment				
Computer	L-1:	AI Foundations: Building on What We Know	Definition of AI Types of AI Deep learning AI Agents The PEAS Framework	Students will be able to understand how to add images, graphics, animate the text etc in this chapter.	Activity: Build Your Own Neural Network	Videos to be shown, PPT , PDF	Worksheets and assignments.	Students will be able to implement all the concepts in the real world. It will enhance their confidence and make them more future ready.

पाठ 1 पाठ 2 व्याकरण	सत्संगत्या प्रभावः ऋतुराजः वसन्तः संख्या 1से 20 तक, सत्संगति निबंध	*संबंधित विषय सत्संगति एवं व्यवहार के ऊपर आधारित है *संबंधित विषय ऋतु के ऊपर आधारित है	व्याख्यान चर्चा समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	सत्संगत्या के बारे में विश्लेषण एवं कल्पना धातु रूप एवं संख्या के विषय में ज्ञान को बढ़ाना	कल्पना शक्ति पर तैयार करना बौद्धिक क्षमता का विकास करना	
UNIT-1	UNIT-1 Our Country-India Pages 7 to 14	Covers various aspects of India, including its geography, history,	They might participate in cultural activities such as traditional	Interactive multimedia presentations or	Students could conduct research projects on specific	Through studying India's diverse culture and history, students	

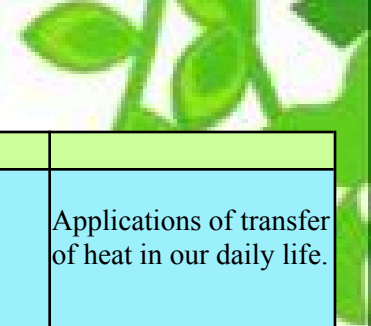
	<p>UNIT 2</p>	<p>UNIT-2 The World Around Us Pages 15-17</p>	<p>culture, economy, government, etc.</p>	<p>dance performances, food tastings, or art projects to appreciate India's rich culture.</p>	<p>videos can be used to illustrate key concepts.</p>	<p>topics related to India, such as India's freedom struggle, etc.</p>	<p>can develop empathy, tolerance, and respect for people from different backgrounds.</p>
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Hindi	पाठ 3	रहस्यमयी साइबर मित्र दोस्ती जिंदाबाद	यह पाठ सच्चे मित्र पर आधारित है	छात्र पाठ के महत्व को समझ सकेंगे	चर्चा व्याख्यान समाधान निकालना	उपकरण वीडियो पीडीएफ वीडियो	सच्ची मित्रता के बारे में विश्लेषण एवं कल्पना	काल्पनिक शक्ति पर तैयार करना
	पाठ 4		व्याकरण	संधि के विषय में विस्तृत जानकारी पर आधारित पाठ	छात्र पाठ के महत्व को जान सकेंगे	संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	विषय से संबंधित वीडियो	बौद्धिक क्षमता का विकास करना

Maths	Chapter 2	Fractions	Multiplication of fractions. Reciprocal of a fraction Division of a fraction.	Students will be able to understand- To find out the sum and difference of fractions. How to multiply and divide the fractions	Representation of different fractions and rational number on a number line.	videos related to topics, pdf and ppt	Worksheets and assignments	Interactive session at the class based on the topics.
	Chapter 3	Rational Numbers	Introduction to rational number. Rational number on number line. Standard form and absolute value of a rational number. Addition ,subtraction ,multiplication and division of rational number	Students will be able to understand- How to represent a fraction on a number line. How to add the track divide and multiply rational number. Rule to find terminate or non terminate repeating		videos related to topics, pdf and ppt	Worksheets and assignments	Interactive session at the class based on the topics.



				decimals.				
Science	CHAPTE R-3	3.Heat	Measuring temperature, Transfer of heat, Conduction, convection, Radiation	Students will be able to- Understand- concept of hot and cold	Experiment to show- 1)Substances as conductors and insulators 2) To study convection in air 3) Checking acidic, basic nature of substances 4) To study digestive system in human beings and the structure of different types of teeth.	Videos related to the topics, PPT, PDF	Worksheets Assignment s	Applications of transfer of heat in our daily life.
	CHAPTER- 2	4. Nutrition in animals	digestive system, digestion process in various animals ruminants, types of teeth	Explain-mode s of transfer of heat, indicators Differentiate- between clinical and laboratory thermometer difference in the digestion system of unicellular and multicellular organisms, ruminants and various types of teeth		videos related to topics, pdf and ppt	Assignment s	Learning of process of digestion and structure of different types of teeth.



Social Science	CH-2 (History)	New Kings and Kingdoms	<ul style="list-style-type: none"> • Kingdoms of North India • Working of the New Kingdoms • The Tripartite Struggle • Mahmud of Ghazni • Muhammad Ghori • Kingdoms of South India 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> • Regional Empires • Fluctuating Frontier • Ruling Dynasty • Provinces • First Islamic rulers • Present International Boundaries 	<ul style="list-style-type: none"> • How different do you think our history would be if the Kingdoms of India were united when Mahmud Ghazni invaded India? 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	Knowledge about the Medieval period and its temples located in South India.

	<p>CH-2 (Geography)</p>	<p>Chapter-2, Interior of the Earth</p>	<ul style="list-style-type: none"> ● The dense hot inner core ● The molten outer core ● The mantle ● The thin crust 	<ul style="list-style-type: none"> ● Understanding its layered structure (crust, mantle, core) ● identifying the types of rocks and minerals ● comprehending how the Earth's internal processes influence surface phenomena like earthquakes and volcanoes 	<ul style="list-style-type: none"> ● Make a 3D Model of the Earth's Interior 	<ul style="list-style-type: none"> ● Video ● Power Point Presentation 	<ul style="list-style-type: none"> ● Worksheets ● Home Assignments ● Activity Zone 	<p>Knowledge about basic needs to maintain healthy lifestyle.</p>
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Computer	L-2:	Machine Learning Fundamentals	What is ML? Types of ML Basic Algorithms	Students will be able to understand how to add images, graphics, animate the text etc in this chapter.	Activity : Create Your Own Learning AI	Videos to be shown, PPT , PDF	Worksheets and assignments.	Students will be able to implement all the concepts in the real world. It will enhance their confidence and make them more future ready.
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SKT	पाठ 3 पाठ 4 व्याकरण	श्लोकाः श्रीरामः *शब्द रूप बालक *पशुओं के नाम *पुस्तकालय गतिविधि	प्रस्तुत पाठ दशरथ पुत्र राम पर आधारित है शब्द रूप एवं पशुओं के नाम के बारे में जानना	छात्र पाठ के अर्थ को समझ सकेंगे संबंधित विषय में छात्र जानकारी प्राप्त कर सकेंगे	व्याख्यान चर्चा समस्या समाधान संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	स्वच्छ भारत के विषय पर विश्लेषण व कल्पना धातु रूप के विषय में ज्ञान को बढ़ावा देना	कल्पना शक्ति पर विस्तार करना	बौद्धिक क्षमता का विकास करना
GK	UNIT 2	UNIT 2 THE WORLD AROUND US Pages 18 to 22	Covers various aspects of the world beyond India, including continents, countries, cultures, landmarks, etc.	Students will develop a broader understanding of the world.	Virtual tours or multimedia presentations showcasing famous landmarks and natural wonders around the world.	Interactive maps and online resources can be used to explore different countries, their capitals, flags, etc.	Debates can allow students to develop deeper into global issues.	Understanding global challenges can empower students to become responsible global citizens.	

MONTH: JULY

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
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English								
L-4 The Diamond Necklace	The Diamond Necklace	.A poor woman, Madame Loisel, borrows a necklace to appear wealthy at a ball but loses it, leading to years of hardship, only to learn later it was fake.	Teaches honesty, contentment, and the danger of vanity	Readers feel the consequences of pride and dishonesty through Madame Loisel's struggles.	Utilize online resources such as articles, documentaries, etc. Utilize online platforms to explore financial planning, goal setting, etc.	Encourage students to research the different roles and responsibilities of frontline workers. They can explore biographies, documentaries, or TED talks that highlight the journey of overcoming obstacles.	Encourages truthfulness, humility, and valuing what one has.	
L-5 Tom's Treasure Hunt	Tom's Treasure Hunt	Tom and his friend go on a secret treasure hunt, facing fears and adventures that test their courage and friendship.	Highlights teamwork, bravery, and the joy of discovery.	Readers experience adventure and problem-solving through Tom's journey.			Develops resilience, cooperation, and a spirit of exploration.	
L-6 In the Bazaars of Hyderabad	In the Bazaars of Hyderabad	A vivid poem by Sarojini Naidu describing the colorful sights, sounds, and richness of an Indian market.	Encourages appreciation for culture, tradition, and sensory details in literature.	Through rich imagery, readers feel as if they are walking through the bazaar themselves			Fosters observation, cultural awareness, and appreciation of everyday beauty.	

	GRAMMAR-Verbs WRITING-Notice	GRAMMAR -Main verbs and helping verbs, Transitive and Intransitive Verbs WRITING-Notice	It consists of various types of verbs and their usage. Also this section covers notice writing.	Students will understand the roles of main verbs, helping verbs, transitive verbs, and intransitive verbs in sentence structure.	Students can draft notices for hypothetical events providing essential information concisely .	Online templates, online quizzes and exercises	Students can analyze texts to identify different types of verbs used by authors.	Equips students with the ability to effectively communicate important information to a specific audience
Hindi	पाठ 5 पाठ 6 व्याकरण	सत्कर्तव्य लॉटरी उपसर्ग शब्द विचार समास , लिंग ,वचन, कारक अनुच्छेद लेखन	संबंधित पाठ सत्कर्तव्य पर आधारित है समास एवं उसके भेद का ज्ञान प्राप्त करना	छात्र पाठ के अर्थ को समझ सकेंगे छात्र पाठ के महत्व को जान सकेंगे	चर्चा व्याख्यान समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	जीवन में सत्व कर्तव्यों के बारे में विश्लेषण एवं कल्पना समास के विषय में ज्ञान को बढ़ाना	वातावरण के साथ तालमेल बैठकर भविष्य के लिए तैयार करना क्षमता का विकास करना

Maths	Chapter 4	Decimals	<p>Multiplication and division of a decimal.</p> <p>Conversion of units.</p>	<p>Student will be able to understand- Division of decimal fractions.</p> <p>How to convert the units.</p>	<p>Make a chart of different units and their measures and multiples.</p>	<p>Videos related to the topics, PPT, PDF</p>	<p>Worksheets and assignments</p>	<p>Interactive session at the class based on the topics.</p>
	Chapter 5	Exponents (Powers)	<p>Introduction of exponents.</p> <p>Laws of exponent</p>	<p>Student will be able to understand- How to convert the terms into exponential forms</p>	<p>Write all the laws of exponent on an A3 size sheet paper.</p>	<p>Videos related to the topics, PPT, PDF</p>	<p>Worksheets and assignments</p>	<p>Interactive session at the class based on the topics.</p>
Science	CHAPTER-5	5.Physical and Chemical Changes	<p>Physical and chemical changes ,applications of chemical reactions in daily life.</p>	<p>Students will be able to- Understand-physical and chemical change</p>	<p>Activities to show- 1. changes as physical or chemical. 2. CO₂ is exhaled during respiration</p>	<p>Videos related to the topics, PPT,PDF</p>	<p>Worksheets Assignments</p>	<p>Importance of respiration in organisms</p>

	CHAPTER-6	6.Respiration in plants and animals	Respiration in human beings, animals, aerobic and anaerobic respiration.	<p>Explain-respiration in plants and animals</p> <p>Demonstrate-mechanism of breathing</p> <p>Differentiate-between physical and chemical change, aerobic and anaerobic respiration</p> <p>Describe-chemical reactions in daily life.</p>	3. Study of breathing rate			
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Social Studies	CH-2 (Civics)	Role of the Government in Healthcare	<ul style="list-style-type: none"> Healthcare Services Equality in Healthcare 	<ul style="list-style-type: none"> Healthcare centres owned by government RMPs Medical tourists Private Healthcare Centres 	<ul style="list-style-type: none"> Our country has made much progress in the field of healthcare yet many people in India are still victims to many health related issues What do you think is the reason behind this? 	<ul style="list-style-type: none"> Video Power Point Presentation 	<ul style="list-style-type: none"> Worksheets Home Assignments Activity Zone 	Knowledge about basic needs to maintain healthy lifestyle.
	CH-3 (Civics)	How a State Government Works	<ul style="list-style-type: none"> The Legislature Functions of the state Legislature The executive How the 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> Bicameral Unicameral Vidhan Sabha Constituency 	<ul style="list-style-type: none"> Do you think the Governor should be given more powers in a state? Why do you think so? 	<ul style="list-style-type: none"> Video Power Point Presentation 	<ul style="list-style-type: none"> Worksheets Home Assignments Activity Zone 	Knowledge about Government and its functions.

			Government Functions(State Secretariat) The Judiciary	<ul style="list-style-type: none">• Majority and opposition• Qualification of a Contestant• Vidhan Parishad• Governor• Chief Minister and Powers of the Chief Minister				

Computer	L-4:	Advance AI Architecture and Systems	Rule Based System Deep Learning NLP' Computer Vision Pattern Recognition Making Decisions	Students will be able to understand how to add images, graphics, animate the text etc in this chapter.	Create a MS word presentation and apply all the features that you have learned in the class. Activity 1 : Build Your Own Language Processor	Videos to be shown, PPT , PDF	Worksheets and assignments.	Students will be able to implement all the concepts in the real world. It will enhance their confidence and make them more future ready.
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SKT	पाठ 5 पाठ 6 व्याकरण	चन्द्रशेखर आजाद: अकबर बीरबल्लयों: कथा चित्रवर्णन, पत्र धातु रूप (पठ) शब्द रूप (राम) सब्जियों के नाम संख्या 1 से 20 तक अपठित गद्यांश संवाद लेखन	*संबंधित पाठ स्वतंत्रता आंदोलन के विषय पर आधारित है संबंधित पाठ अकबर बीरबल्ल के विषय पर आधारित है शब्द रूप धातु रूप का ज्ञान होना	छात्र पाठ के महत्व को जान सकेंगे छात्र पाठ के अर्थ को समझ सकेंगे	व्याख्यान चर्चा समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	पीएफ वीडियो उपकरण वीडियो विषय से संबंधित वीडियो	लोकहित के बारे में विश्लेषण व कल्पना उत्तम मित्र के बारे में विश्लेषण एवं कल्पना	कल्पना शक्ति पर तैयार करना बौद्धिक क्षमता का विकास करना
GK	UNIT-3	UNIT-3 Science & Technology Pages 23 to 32	It covers a wide range of topics, including fundamental principles of science.	Students will develop a foundational understanding of scientific principles.	Hands-on experiments and demonstrations can help students understand scientific concepts and principles through direct observation.	Educational videos or animations.	Science fairs can provide opportunities for students to demonstrate their understanding.	Students can develop critical thinking, problem-solving, and analytical skills.

MONTH: AUGUST

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
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English	L-7	A trip to london	"The story narrates a young traveler's exciting journey to London, exploring its landmarks, culture, and experiences.	teaches about geography, culture, and the importance of travel for broadening one's perspective.	Readers experience London's charm through the eyes of the traveler, making learning more vivid and personal.	Students can explore London virtually using maps, travel vlogs, and virtual tours of landmarks like the Tower of London or Buckingham Palace. It enhances global awareness and makes learning interactive through multimedia tools.	.Students can explore London virtually using maps, travel vlogs, and virtual tours of landmarks like the Tower of London or Buckingham Palace.	Encourages curiosity, adaptability, and appreciation for new experiences.
	L-8	The King's Minister	A wise minister solves a tricky problem in the king's court using intelligence and fairness, winning the king's trust.	Highlights the value of wisdom, justice, and loyalty in leadership.	Readers witness how calm thinking and fairness can resolve difficult situations.	Interactive storytelling apps or animated videos can bring the story to life, helping students understand themes of wisdom and justice. Online quizzes and	helping students understand themes of wisdom and justice.	Builds critical thinking, decision-making, and ethical judgment.

						discussion forums also promote critical thinking and collaboration.		
	GRAMMAR-Finite and Non finite Verbs, Modal auxiliaries, Subject Verb Agreement WRITING-Messsage	GRAMMAR-Finite and Non finite Verbs, Modal auxiliaries, Subject Verb Agreement WRITING-Messsage	This section consists of Finite and Non-finite Verbs, Modal Auxiliaries, Subject-Verb Agreement and message writing which is a brief written communication intended to convey information.	Students will understand the distinctions between finite and non-finite verbs, modal auxiliaries, and the importance of subject-verb agreement. They will also understand the conventions of writing messages	Students can practice writing messages for different purposes, such as informing a friend about a plan, conveying a reminder to a family member, etc.	They can watch instructional videos to reinforce their understanding of these concepts.	Students can analyze examples of messages found in everyday communication, such as text messages, email threads, or notes. They can explore literature to identify examples of these elements.	Enhances students' writing and communication skills, enabling them to construct grammatically correct and coherent sentences.
Hindi	पाठ 7 व्याकरण पाठ	समय का महत्व सर्वनाम, विशेषण, क्रिया, शब्द भंडार अनेकार्थी	संबंधित विषय समय के महत्व पर आधारित है अनेकार्थी एवं विपरीतार्थक शब्दों के विषय में जानकारी प्राप्त करना	छात्र पाठ के महत्वपूर्ण जान सकेंगे छात्र विषय के अर्थ को समझ सकेंगे	व्याख्यान चर्चा समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	विषय से संबंधित वीडियो पीडीएफ वीडियो उपकरण वीडियो	समय के महत्व के बारे में विश्लेषण एवं कल्पना शब्द भंडार के विषय में ज्ञान को बढ़ाना	वातावरण के साथ तालमेल बैठक भविष्य के लिए तैयार करना बौद्धिक क्षमता का विकास करना

		शब्द विपरीतार्थ क शब्द अनेक शब्दों के लिए एक शब्द, पत्र, संवाद लेखन						
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Maths	Chapter 6	Algebraic Expressions	<p>Types of algebraic expressions.</p> <p>Degree of an algebraic expression.</p> <p>Addition and subtraction of an algebraic expression.</p>	<p>Students will be able to understand-</p> <p>How to find the degree of a polynomial.</p> <p>What are the possible ways of using column method and horizontal method in algebraic expression.</p>	Make a trapezium with the different number of matchsticks.	Videos related to the topics, PPT, PDF	Worksheets and assignments	Interactive session at the class based on the topics.
Science	CHAPT ER-7	7.Transportation in plants and animals	Circulatory system in human beings , blood transfusion, excretory system in	Students will be able to- Understand-c irculatory and excretory system in humans,	<p>1.Vegetative propagation in potato.</p> <p>2. observing the parts of a flower.</p>	Videos related to the topics, PPT,PDF	<p>Worksheets</p> <p>Assignments</p>	How does different plants propagate?

	CHAPT ER-8	8.Reproduction in plants	humans and plants Sexual and asexual reproduction in plants.	sexual and asexual reproduction in plants Explain-blood circulation ,pollination Describe-for mation of seeds and fruits			Charts /modals to show the circulatory , excretory system in humans,Binary fission in amoeba.	
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Social Science	CH-4 (History)	The Mughal Empire	<ul style="list-style-type: none"> ● Babur ● Humayun ● Sher Shah Suri ● Akbar the Great ● Jahangir ● Shah Jahan ● Aurangzeb 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> ● The first battle of Panipat ● The Battle Of Khanana ● Mughal's relations with other rulers <p>Akbar's</p>	<ul style="list-style-type: none"> ● Identify the best, most powerful and the weakest rulers of Mughal Empire. Compare the styles in which they reigned. 	<ul style="list-style-type: none"> ● Video ● Power Point Presentation 	<ul style="list-style-type: none"> ● Worksheets ● Home Assignments ● Activity Zone 	Knowledge about the Mughal empire and their rule.

				<p>Con que sts</p> <p>Ad min istra tion</p> <p>Raj put Poli cy</p> <p>Reli gio us Poli cy</p> <p>Art and Cult ure</p>				
	<p>CH-6 (CIVICS)</p>	<p>Understandi ng Media</p>	<ul style="list-style-type: none"> • What can be achieved when a Public Opinion is formed? Media and Technology • Constraints on 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> • Print Media • Electronic media • Censorship • Internet • Setting agenda 	<ul style="list-style-type: none"> • Which kind of media affects masses the most? Give reasons for your answer. 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	<p>Knowledge about the comparison between Print Media and Public opinion.</p>

			<ul style="list-style-type: none"> Media and Money Media and Democracy 					
	CH-3 (GEO)	Our Changing Earth	<ul style="list-style-type: none"> Volcano Earthquake Change in Landforms 	<p>Students will be able to understand :</p> <ul style="list-style-type: none"> Endogenic forces Exogenic forces Sudden forces Catastrophic Forces Erosional and Depositional Forces 	<ul style="list-style-type: none"> Make a poster indicating how human activities affect erosion. Also, suggest two ways to reduce soil erosion in your poster 	<ul style="list-style-type: none"> Video Power Point Presentation 	<ul style="list-style-type: none"> Worksheets Home Assignments Activity Zone 	Knowledge about the interior of the earth.

Computer	L-4	Domains of AI : Autonomous System	What is AS? The Building Blocks of Autonomy The Worlds of Sensors TYpes of AS Communica tion be	Students will be able to understand how to add images, graphics, animate the text etc in this chapter.	Create a MS word presentation and apply all the features that you have learned in the class.	Videos to be shown, PPT , PDF	Worksheets and assignments.	Students will be able to implement all the concepts in the real world. It will enhance their confidence and make them more future ready.
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SKT	पाठ 7 पाठ 8 व्याकरण	मूर्ख वानर: सिक्किम प्रदेश: फलों के नाम	*प्रस्तुत पाठ मूर्ख वानर: के क्रोध विषय पर आधारित है *प्रस्तुत पाठ सिक्किम प्रदेश के विषय पर आधारित है	छात्र पाठ के अर्थ को समझ सकेंगे छात्र पाठ के महत्व को जानसकेंगे	व्याख्यान चर्चा समस्या समाधान संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	सिक्किम के बारे में विश्लेषण एवं कल्पना करना फलों के विषय में ज्ञान को बढ़ाना	कल्पना शक्ति पर विस्तार करना क्षमता का विकास करना	
GK	UNIT 4	UNIT 4 NATURAL HABITAT Pages 33 to 39	It covers topics related to the natural habitats of different organisms, including forests, deserts, oceans, grasslands, and polar regions.	Students will develop an understanding of the importance of natural habitats and biodiversity.	Outdoor activities such as nature walks, bird watching, or plant identification exercises can help students observe and appreciate the diversity of life in natural habitats.	Online resources such as documentaries, webinars, or virtual tours can provide insights.	Service-learning projects such as creating community gardens or implementing recycling programs can promote sustainable practices.	By exploring natural habitats and biodiversity, students can develop a sense of empathy, appreciation, and respect for the natural world.	

MONTH: SEPTEMBER

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
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English	L-9	Working Together	The story/lesson emphasizes the power of teamwork and cooperation to achieve common goals.	Students learn the importance of collaboration, mutual support, and shared responsibility.	Group activities and team tasks help students experience the value of working together in real situations	Online collaboration tools like Google Docs or Jamboard can be used for team projects and brainstorming.	Students can interview team leaders or participate in community teamwork initiatives	Builds communication, cooperation, and problem-solving abilities.
	L-10	Stopping by Woods on a Snowy Evening	Robert Frost's poem captures a quiet moment in snowy woods, reflecting on peace, duty, and the journey of life.	Students learn to appreciate poetry's mood, rhythm, and deeper meanings like responsibility and reflection.	Visualizing the scene or writing their own reflective poems deepens personal connection	Listening to poem recitations, watching animated interpretations, or using interactive analysis tools enhance	Exploring other nature-themed poems or writing journals on peaceful moments in their lives.	Encourages mindfulness, reflection, and a sense of responsibility.

						s understa nding.		
	GRAM MAR-Te nses WRITIN G-Diary Entry	GRAMMAR- Tenses WRITING- Diary Entry	Tenses indicate the time of an action or state of being. A diary entry is a personal reflection.	Students will understand the different tenses and their forms and understand the format and style of diary entries	Write diary entries in different tenses	Online quizzes, exercises, apps designed for journaling, etc.	Can reflect on their entries periodically to track personal growth.	Mastering tenses enables students to communicate effectively and maintaining a diary cultivates self-awareness, introspection, etc.
Hindi	पाठ 8 पाठ 9 व्याकरण	मत बांटो इंसान को दादा जी की हड़ताल प्रत्यय, विज्ञापन, लघुकथा, संदेश लेखन	प्रस्तुत पाठ इंसान के विषय पर आधारित है प्रत्यय के विषय में जानकारी प्राप्त करना	छात्र पाठ के अर्थ को समझ सकेंगे छात्र पाठ के महत्व को जान सकेंगे	व्याख्यान चर्चा समस्या समाधान संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	इंसान के बारे में विश्लेषण एवं कल्पना करना प्रत्ययों के ज्ञान को बढ़ाना	वातावरण के साथ तालमेल बैठकर भविष्य के लिए तैयार करना क्षमता का विकास करना

Maths	Chapter 7	Simple linear equation	<p>Route of an equation.</p> <p>Solution of a linear equation</p> <p>Simple applications of a linear equation.</p>	<p>Student will be able to understand-</p> <p>Why and when to use the trial and error method and systematic method?</p>	Make a puzzle of the word problem and try to find out with the simple applications.	Videos related to the topics, PPT, PDF	Worksheets and assignments	Interactive session at the class based on the topics.
Science	CHAPT ER-9	9.Motion and Time	Measurement of time in ancient and modern time, Types of motion, distance time	<p>Students will be able to-</p> <p>Understand-measurment of time</p> <p>Explain-measurement of</p>	<p>1)To measure the time period of a simple pendulum</p> <p>2)To measure the speed of a</p>	Videos related to the topics, PPT,PDF	Worksheets Assignments	Understanding measurement of time.

			graphs related to motion.	time using simple pendulum Examine-working of speedometer and odometer Describe-working of clocks and watches Sketch-distance time graphs.	moving ball.			
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Social Science	CH-5 (HISTORY)	Tribes, Nomads and Communities	<ul style="list-style-type: none"> Who are tribal people? Life of Nomads Tribal and their Inclusion in Society 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> Tribes Tanda Mendicants Jatis Gonds Chaurasi Ahom Society 	<ul style="list-style-type: none"> Why do you think wherever a tribe became strong it was attacked by a strong kingdom? 	<ul style="list-style-type: none"> Video Power Point Presentation 	<ul style="list-style-type: none"> Worksheets Home Assignments Activity Zone 	<p>Knowledge about the Pastoralists, other nomadic tribes, non pastoralists areas,</p> <p>Major tribes , Pastoral Communities.</p>
	CH-5 (CIVICS)	Women Change the World	<ul style="list-style-type: none"> Learning for Change Schooling and Education today Women's Movement 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> Case Study on Rokeya Sakhawat Hossain Difference between 	<ul style="list-style-type: none"> Write slogan and design poster for women empowerment and present it in your class. 	<ul style="list-style-type: none"> Video Power Point Presentation 	<ul style="list-style-type: none"> Worksheets Home Assignments Activity Zone 	<p>Knowledge about how education helped in changing the life of women and their development.</p>

				educated boys and Girls <ul style="list-style-type: none"> • Dowary • Public rallies and demonstration 				
	CH-4 (Geo)	Atmosphere, Weather and Climate	<ul style="list-style-type: none"> • Composition of Atmosphere • Structure of Atmosphere • Importance of Atmosphere • Weather and Climate • Temperature of Atmosphere (Atmospheric Temperature) • Air Pressure (Atmospheric Pressure) • Wind • Moisture 	Students will learn about : <ul style="list-style-type: none"> • How to get protected from harmful sunrays • Photosynthesis • Global warming • Concentric layers • Pause • Layers of atmosphere • Aviation • Air 	<ul style="list-style-type: none"> • Make your own coin wind chime which works with the help of wind. 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	Knowledge about the composition of air and atmosphere..

				pressu re <ul style="list-style-type: none"> • Perma nent and Seaso nal winds 				
Computer	L-4	Domains of AI : Autonomous System	What is AS? The Building Blocks of Autonomy The Worlds of Sensors TYpes of AS Communica tion between AS	Students will be able to understand how to add images, graphics, animate the text etc in this chapter.	Create a MS word presentation and apply all the features that you have learned in the class.	Videos to be shown, PPT , PDF	Worksheets and assignments.	Students will be able to implement all the concepts in the real world. It will enhance their confidence and make them more future ready.

SKT	पाठ 9 पाठ 10 व्याकरण	सुभाषितानि ग्रन्थ- मार्जारयोः कथा शब्द रूप, धातु रूप, लघुकथा, शुद्ध अशुद्ध, विपरीतार्थक पदानि	संबंधित अच्छी बातों के महत्वता आधारित है शब्द रूप एवं धातु रूप के विषय में जानकारी प्राप्त करना	छात्र पाठ के महत्व को जान सकेंगे छात्र संबंधित विषय को समझ सकेंगे	व्याख्यान चर्चा समस्या समाधान संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	सुवचन के बारे में विश्लेषण एवं कल्पना करना धातु रूप के ज्ञान को बढ़ाना	कल्पना शक्ति पर तैयार करना वीडियो एवम पीडीएफ	बौद्धिक क्षमता का विकासकरना बौद्धिक क्षमता का विकास
GK	UNIT 5	UNIT 5 LANGUAGE AND LITERATURE Pages 40 to 45	It covers topics related to the structure and function of language, different forms of literature, and the significance of communication.	Students will develop a deeper understanding of language, literature, and communication.	Reading and analyzing literary texts from different genres and cultures can help students develop critical reading.	Virtual book clubs or online forums can facilitate discussions about literature.	Participation in literary competitions, writing contests, or spoken word events.	By engaging with language and literature, students can develop effective communication skills, including speaking, listening, reading, and writing.	

MONTH: OCTOBER

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
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English	L-10	1. The Life of Colonel Sanders	Content: This lesson tells the inspiring life story of Colonel Sanders, who faced many failures before founding KFC in his later years.	Students learn about perseverance, entrepreneurship, and never giving up.	Students can reflect on their own failures and how they overcame them.	Watching biographical videos or timelines about Colonel Sanders boosts engagement.	Research other famous personalities who succeeded later in life.	Builds resilience, determination, and goal-setting mindset.
	L-12	Joy	Content: This story or poem explores the feeling of pure happiness found in small, meaningful moments.	Learning Outcome: Students understand the emotional value of joy and how it differs from material happiness.	Experiential Learning: Sharing personal joyful moments in class or journaling helps internalize the emotion.	Digital Learning: Multimedia stories or mood boards help express and visualize joy creatively.	Students can create a “joy jar” or participate in kindness challenges.	Enhances emotional intelligence, gratitude, and positivity.
	L-13	A Winter’s Night	Content: The story/poem paints a vivid picture of a cold winter night, focusing on atmosphere, reflection, or	Learning Outcome: Students learn to interpret mood, setting, and use of sensory	Experiential Learning: Imagining or writing about their own winter experiences builds creativity.	Digital Learning: Using images, videos, or audio clips of winter settings	Extended Learning: Explore other seasonal poems/stories and compare moods.	Life Skill: Encourages observation, imagination, and emotional reflection.

			mystery.	details in literature.		enhances sensory connection.		
	GRAMMAR-Active & passive voice, Prefixes & Suffixes WRITING-Paragraph	GRAMMAR-Active & passive voice, Prefixes & Suffixes WRITING-Paragraph	This section covers Active & Passive Voice, Prefixes & Suffixes and Paragraph writing.	Students will understand the differences between active and passive voice and how prefixes and suffixes can alter the meaning or form of words.	Students can rewrite paragraphs in both active and passive voice.	Online exercises and games can help students practice	Students can analyze paragraphs to identify examples of active and passive voice and words with prefixes and suffixes.	Enhances students' reading comprehension and vocabulary skills, enabling them to decode unfamiliar words and comprehend complex sentence structures more effectively.
Hindi	पाठ 10 पाठ 11 व्याकरण पाठ	छोटा सा हिंदुस्तान भगत सिंह के पत्र काल, वाच्य, वाक्य विचार, शब्द विचार	प्रस्तुत पाठ भारत के विषय पर आधारित है प्रस्तुत पाठ भगत सिंह की जीवनी पर आधारित है काल व इनके भेदों का ज्ञान होना	छात्र पाठ के अर्थ को समझ सकेंगे छात्र पाठ के महत्व को जान सकेंगे	चर्चा व्याख्यान समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	भगत सिंह के बारे में विश्लेषण एवं कल्पना करना काल के विषय में ज्ञान को बढ़ाना	वातावरण के साथ तालमेल बैठक भविष्य के लिए तैयार करना बौद्धिक क्षमता का विकास करना

Maths	Chapter 8	Commercial mathematics	<p>Simplest form of a ratio.</p> <p>Proportion.</p> <p>Unitary method</p> <p>Converting fractions, ratios and decimal into percentage.</p> <p>Profit and loss</p> <p>Simple interest.</p>	<p>Student will be able to understand the use of unitary method.</p> <p>They will also be able to find out the percentage from fraction, ratios and decimals.</p>	<p>Write all the formulas of profit, loss and simple interest on A3 size sheet.</p>	<p>Videos related to the topics, PPT, PDF</p>	<p>Worksheets and assignments</p>	<p>Interactive session at the class based on the topics.</p>
	Chapter 9	Lines and Angles	<p>Different types of pairs of angles.</p> <p>Angles formed by a transversal of two lines.</p>	<p>Student will be able to find out the different types of angles.</p> <p>They will also be able to identify and apply the properties of lines and</p>	<p>Make different types of angle with the matchstick.</p>	<p>Videos related to the topics, PPT, PDF</p>	<p>Worksheets and assignments</p>	<p>Interactive session at the class based on the topics.</p>

				angles.				
				Student will be able to understand-				
Science	CHAPTER -10	10.Electric current and its effects	Electric circuit, circuit diagram, electric battery, fuse, magnetic effects of current, Electromagnets and their uses, Electric bell	Students will be able to- Construct an electric circuit, electromagnet Explain-working of electric battery, magnetic effects of electric current Differentiate-between series and parallel electric circuit Describe-Heating effects of current	1)Flow of current in a complete circuit. 2)Heating effect of current 3)Making of an electromagnet	Videos related to the topics, PPT,PDF	Worksheets Assignments	1)Uses of electromagnet in daily life. 2)Applications of heating effects of current.

			Draw- the electric circuit					
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Social Science	CH-6 (History)	Religious Beliefs and Devotional Paths	<ul style="list-style-type: none"> • Messages of the Bhakti and Sufi Saints • Bhakti Movement in South India • Philosophy and Bhakti • Basavanna's Virashaivism • The Saints of Maharashtra • Nathpanthis, Siddhacharas and Yogis • Islam and Sufism 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> • Bhajan • Sufi Saint • Alvar Saints • Ramanuja • Shankara • Dargah of Hazrat Nizamuddin • Case Study based on : <ul style="list-style-type: none"> • 1. Mirabai • Kabir 	<ul style="list-style-type: none"> • What was the influence of the Bhakti and Sufi Movement on the society in the medieval period. 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	Knowledge about the Devotional and religious movement

			<ul style="list-style-type: none"> • New Religious Development in North India 	Gur unak				
	CH-7 (CIVICS)	Market Around Us	<ul style="list-style-type: none"> • Importance of Markets • Types of Markets • Producer to consumer • Market and Equality 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> • Weekly Market • Neighbourhood Market • Shopping Complexes and Malls • Wholesaler • Itinerant Retailers • Fixed Shop Retailer 	<ul style="list-style-type: none"> • Visit a Weekly market , neighbourhood market and a mall. Make a descriptive note of all the shops and stalls. 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	Knowledge about the different kinds of markets and their importance.
	CH-5 (GEO)	Hydrosphere : Oceans and Their Circulations	<ul style="list-style-type: none"> • Water Cycle • Distribution of water in the water bodies • Oceans 	<p>Students will learn about :</p> <ul style="list-style-type: none"> • Water vapour • Distribution of water on the earth • Distrib 	<ul style="list-style-type: none"> • What would happen if half of the water on earth suddenly disappeared? 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	Knowledge about the distribution of water and its importance and uses.

				<p>ution of fresh water</p> <ul style="list-style-type: none">• Distrib ution of surf ac e water• Tempe rature of Ocean water• Salinit y of ocean water• Ocean Circul ation• Tides• Ocean Curren ts				
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Computer	L-8:	AI in Various Industries	Healthcare Education Finance Entertainment AI in Gaming Ethical Consideration	Students will be able to understand how to add images, graphics, animate the text etc in this chapter.	Create a MS word presentation and apply all the features that you have learned in the class. Activity : Create Your Own AI Advisor	Videos to be shown, PPT , PDF	Worksheets and assignments.	Students will be able to implement all the concepts in the real world. It will enhance their confidence and make them more future ready.
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SKT	पाठ 11 पाठ 12 व्याकरण	जल संरक्षणम् कुशल: चित्रकार: संख्या	संबंधित विषय जल के महत्व पर आधारित है संबंधित विषय चित्रकार पर आधारित है	छात्र पाठ के महत्व को समझ सकेंगे छात्र पाठ के अर्थ को जान सकेंगे	व्याख्यान चर्चा समस्या समाधान संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	जल के बारे में विश्लेषण एवं उनके कल्पना करना चित्रकार में विश्लेषण की कल्पना	कल्पना शक्ति पर विस्तार करना	बौद्धिक क्षमता का विकास करना
GK	UNIT 6 SPORTS AND FITNESS	UNIT 6 SPORTS AND FITNESS Pages 46 to 54	Covers various aspects of sports, physical activities, and health and fitness.	Students will understand the importance of sports for health, fitness, and overall well-being.	Participation in various sports and physical activities such as team sports, individual sports, or recreational games can provide hands-on experiences.	Fitness trackers or health monitoring apps can help students track their physical activity levels.	Organizing sports events, fitness challenges, or wellness workshops within the school.	Learning about sportsmanship, teamwork, and fair play can foster social skills, empathy, and respect for others.	

MONTH: NOVEMBER

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
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English	L-14	The Blind Men and the Elephant	This story tells of six blind men who each touch a different part of an elephant and come to different conclusions, showing how limited perspective can lead to misunderstanding.	Learning Outcome: Students learn the importance of open-mindedness, perspective-taking, and respecting others' viewpoints.	Experiential Learning: Group discussions or role plays help students understand how different experiences shape opinions.	Digital Learning: Animated videos or interactive story apps can visually demonstrate the story's message	Extended Learning: Students can explore other folktales with moral lessons or write their own version with a modern twist.	Life Skill: Builds empathy, critical thinking, and the ability to appreciate diverse perspectives.
	GRAMMAR-Prepositions, Sentences-Simple, Compound & Complex WRITING-Revision of letters	GRAMMAR-Prepositions, Sentences-Simple, Compound & Complex WRITING-Revision of letters	This section covers Prepositions, Simple, Compound & Complex sentences.	Students will understand structures of prepositions, as well as how to construct simple, compound, and complex sentences.	Students can create sentences using prepositions to show spatial relationships in letter writing.	Online exercises and quizzes	Students can analyze texts to identify examples of prepositions used by authors and apply the same in letter writing.	Improves students' writing and communication skills, enabling them to convey ideas clearly and accurately in various contexts.
Hindi	पाठ 12 पाठ 13 व्याकरण पाठ	भक्ति (पदावली) अनमोल भेंट अपठित बोध,	प्रस्तुत पाठ भक्ति के विषय पर आधारित है प्रस्तुत पाठ बहुमूल्य भेंट पर आधारित है	छात्र पाठ के अर्थ को समझ सकेंगे छात्र पाठ के महत्व को जान सकेंगे	चर्चा व्याख्यान समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	भक्ति के बारे में विश्लेषण एवं कल्पना करना अनुच्छेद एवं संवाद लेखन में ज्ञान को बढ़ावा देना	वातावरण के साथ तालमेल बैठक भविष्य के लिए तैयार करना क्षमता का विकास करना

		अविकारी शब्द, संबंधबोध क, विस्मयादि बोधक, अशुद्ध वाक्यों का शुद्ध						
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Maths	Chapter 10	Properties and triangles	<p>Types of triangles on the basis of sides and angles.</p> <p>Angle sum property of a triangle.</p> <p>Exterior angle property.</p> <p>Pythagoras theorem for right angle triangle.</p>	Students will be able to understand about the different types of triangles on the basis of angles.	Make the cut out of three angles A, B and C with placed adjacent to each other.	Videos related to the topics, PPT, PDF	Worksheets and assignments	Interactive session at the class based on the topics.
	Chapter 11	Symmetry	<p>Line symmetry, point symmetry and rotational symmetry.</p> <p>Figures with both reflection and rotational</p>	Students will be able to draw the lines of symmetry in different types of figures. They will also be able to understand the reflection and rotational	Make the figures with both reflection and rotational symmetry on a chart paper.	Videos related to the topics, PPT, PDF	Worksheets and assignments	Interactive session at the class based on the topics.

			symmetry	symmetry.				
Science	CHAPTER-11	11.Light	Light, Reflection of light, Real and virtual images, Concave and convex mirror, concave and convex lenses, lateral inversion , dispersion of light.	Students will be able to- Understand-The reflection of light Explain-lateral inversion with the help of examples Demonstrate-composition of white light Differentiate-between real and virtual images Describe-the characteristic of image formed by a plane mirror Learn-	1)Light travels in a straight line. 2)Reflection of light by a plane mirror 3)Image formed by concave mirror, convex mirror, concave and convex lenses 4) Dispersion of light	Videos related to the topics, PPT,PDF	Worksheets Assignments	Applying the concept of lateral inversion in daily life. Uses of concave and convex mirrors and lenses in daily life.

				about the spherical mirror and lenses.				
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Social Studies	CH-7 (HISTORY)	The Flowering of Regional Culture	<ul style="list-style-type: none"> • The Jagannath Cult • Development of Regional languages led to Translations • Important Languages of Medieval Period • The Rajputs and Traditional Heroism • Art Forms During Medieval Period • Bengal: A 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> • Lord of the world • Rahim • Ramcharitmanas • Language of Medieval Period • Rajputana • Painting • Music • Dance • About Bengal 	<ul style="list-style-type: none"> • Write a paragraph on different cultures and festivals in your Notebook. 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	Children will get to know about different cultures and festivals.

			<p>Closer look</p>					
	<p>CH-7 (CIVICS)</p>	<p>The Market Around us</p>	<ul style="list-style-type: none"> ● Firozabad – city of Glass Bangles ● Journey of Bangles ● Market and Equality ● Hazards of working in the Bangle Industry. ● Who Should be blamed for the plight of Bangle Makers? 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> ● Shakha and Pola ● Glass city of India ● Manufacturers ● Wholesalers ● Retailers ● Consumer ● Putting – out-system 	<ul style="list-style-type: none"> ● Why should we not hire a child below 14 years of age as a domestic help ? 	<ul style="list-style-type: none"> ● Video ● Power Point Presentation 	<ul style="list-style-type: none"> ● Worksheets ● Home Assignments ● Activity Zone 	<p>Knowledge about glass bangles as a product and its side effects for those who are working in this industry.</p>

Computer	L-5:	AI in Various Industries	Healthcare Education Finance Entertainment AI in Gaming Ethical Consideration	Students will be able to understand how to add images, graphics, animate the text etc in this chapter.	Create a MS word presentation and apply all the features that you have learned in the class. Activity : AI Industry Detective Game	Videos to be shown, PPT , PDF	Worksheets and assignments.	Students will be able to implement all the concepts in the real world. It will enhance their confidence and make them more future ready.
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SKT	पाठ 13 पाठ 14 व्याकरण	प्रहेलिका तरुणाम् उपयोगिता प्रत्यय	संबंधित पाठ विचारशील प्रक्रिया पर आधारित है संबंधित विषय वृक्षों की उपयोगिता पर आधारित है	छात्र पाठ के महत्व को जान सकेंगे छात्र पाठ के अर्थ को समझ सकेंगे	चर्चा व्याख्यान समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	विचारों व मस्तिष्क का उपयोग कल्पना करना प्रत्यय के विषय में ज्ञान को बढ़ाना	कल्पना शक्ति पर तैयार करना	बौद्धिक क्षमता का विकास करना
GK	UNIT 7	UNIT 7 ENTERTAINM ENT Pages 55 to 60	Explores various forms of entertainment and their cultural significance.	They will gain knowledge about the history, evolution, and impact of entertainment industries.	Watching films, television shows and analyzing their themes, characters.	Streaming services, music streaming apps, or ebook libraries.	Organizing film screenings, music concerts, literary readings, within the school or community.	By exploring different forms of entertainment, students can develop creativity, imagination, and artistic expression, essential for personal and professional growth.	

MONTH: DECEMBER

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
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English	L-15	The Farmer and the Three Robbers	Content: This story revolves around a wise farmer who cleverly outsmarts three robbers trying to steal from him, using intelligence and presence of mind.	Learning Outcome: Students learn that wisdom, quick thinking, and courage can overcome difficult situations.	Experiential Learning: Role-playing the story helps students understand problem-solving in real-life scenarios.	Digital Learning: Animated storytelling or comic strip creation tools make the lesson engaging and interactive.	Extended Learning: Students can create similar short stories where clever thinking solves a problem.	Life Skill: Promotes alertness, smart decision-making, and confidence in handling challenges.
	GRAMMAR-Conjunctions, Direct & indirect Speech WRITING-Revision of diary entry	GRAMMAR-Conjunctions, Direct & indirect Speech WRITING-Revision of diary entry	It consists of Conjunctions, Direct & indirect Speech and Revision of diary entry	Students will understand the functions and usage of conjunctions, as well as the differences between direct and indirect speech and how to convert between them.	Students can create sentences using conjunctions to combine ideas or clauses, discussing how conjunctions affect the meaning and structure of the sentence.	Interactive tutorials and videos can provide step-by-step explanations and examples of direct and indirect speech.	Students can analyze diary entries to identify examples of conjunctions used to connect ideas and direct and indirect speech used to report dialogue.	Enhances students' writing and communication skills, enabling them to express ideas clearly and accurately in various contexts.
Hindi	पाठ 14 पाठ 15 व्याकरण	मशीनी मानव सच्चा तीर्थ यात्री	प्रस्तुत पाठ मशीनी युग के आधार पर आधारित है प्रस्तुत पाठ में	छात्र पाठ के अर्थ को समझ सकेंगे छात्र पाठ के महत्व को जान सकेंगे	चर्चा व्याख्यान समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित	मशीनी युग के बारे में विश्लेषण एवं कल्पना	वातावरण के साथ तालमेल बैठक भविष्य के लिए तैयार करना क्षमता का विकास

	पाठ	शब्द विचार, संदेश लेखन विराम चिह्न, लघुकथा लेखन	सच्चे तीर्थ यात्री के विषय में दर्शाया गया गया पत्र लेखन के विषय में जानना	व्याकरण संबंधित ज्ञान प्राप्त करना	करना	वीडियो		
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Maths	Chapter 12	Representing 3D in 2D	<p>Drawing some geometrical solid shapes.</p> <p>To draw a cuboid of a given measurement</p> <p>Matching pictures with object.</p> <p>Mapping the space around through visual estimation.</p>	<p>Students will be able to draw the cuboid with the given measurement. They will also be understand to draw the cone of the given radius and height.</p>	<p>Explore to the shapes with pop sticks.</p>	<p>Videos related to the topics, PPT, PDF</p>	<p>Worksheets and assignments .</p>	<p>Interactive session at the class based on the topics.</p>
	Chapter 13	Congruence	<p>Congratulations of simple geometrical shapes</p> <p>Right angle congruence.</p>	<p>When will able to understand the concept of congruence of triangles, quadrilaterals, Circles and triangles.</p>	<p>Cut out of the foldables triangle and use these to understand the property of congruence</p>	<p>Videos related to the topics, PPT, PDF</p>	<p>Worksheets and assignments</p>	<p>Interactive session at the class based on the topics.</p>

				Students will be able to understand-				
Science	Chapter-12	12.Forest-Our Lifeline	Decomposers, Food chain, Food web, Destruction and conservation of forests, importance of forests	<p>Students will be able to- Understand- the structure of forests</p> <p>Explain- the importance of decomposers in a forest</p> <p>illustrate- food chain and food web</p> <p>Describe- Imp ortance of forest</p> <p>know- about the deforestation</p>	To study about the decomposition of organic matter.	Videos related to the topics, PPT,PDF	Worksheets Assignments	<p>1)Importance of forests in our daily life.</p> <p>2) Making of compost.</p>

				and its consequence s				
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Social Studies	CH-8 (History)	Political Formations in the Eighteenth Century	<ul style="list-style-type: none"> • The Later Mughals • Emergence of New States • Causes of the Decline of the Mughal Empire • The Rajputs, the Sikhs, the Jats, the Marathas 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> • The Battle of Buxar • Emergence of new states as : Awadh, Bengal, Hyderabad • The Rajputs • The Sikhs 	<ul style="list-style-type: none"> • Make a project on the emergence of new states during the Mughal empire. 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	Children will understand the Mughals and their working to rule the states under them.

				<ul style="list-style-type: none"> • The Jats • The Marathas • Guerrilla warfare • Administration Under the Marathas 				
	CH-6 (GEO)	Life in the Natural Regions (Tropical and Subtropical Region)	<ul style="list-style-type: none"> • Tropical and Subtropical Regions • Ganga-Brahmaputra Basin • Amazon Basin • Namami Gange Project 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> • Amazon river • Brahmaputra river • Physical environment and economic activities • Climate • Plant life • 	<ul style="list-style-type: none"> • If you compare the Amazon basin and the Ganga-Brahmaputra basin, which one do you think is richer in terms of agriculture, trade and commerce? Why? 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	Knowledge about how the life of people in Amazon as compared to Ganga-Brahmaputra

				Animal life <ul style="list-style-type: none"> • Life of the people • Transportation and Tourism 				
Computer	L-6:	Sustainable Development and AI Cost of Inaction	Understanding Sustainable Development The cost of Inaction	Students will be able to understand how to add images, graphics, animate the text etc in this chapter.	Create a MS word presentation and apply all the features that you have learned in the class. Design Tomorrow's Smart City	Videos to be shown, PPT , PDF	Worksheets and assignments.	Students will be able to implement all the concepts in the real world. It will enhance their confidence and make them more future ready.

SKT	पाठ 15 पाठ 16 व्याकरण	सक्ति -पुष्पांजलि समय लेखनम् संख्या 21 से 30 अव्यय, दाल बे अनाज के नाम	संबंधित पाठ ज्ञान प्राप्त के विषय पर आधारित है संबंधित पाठ में समय के विषय में दर्शाया गया है अव्यय संख्याओं के बारे में ज्ञान प्राप्त करना	छात्र पाठ के विषय में जानकारी प्राप्त कर सकेंगे छात्र पाठ के महत्व को जान सकेंगे	चर्चा व्याख्यान एवं समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	महात्मा गांधी के बारे में विश्लेषण एवं कल्पना करना अव्यय एवं संख्या के ज्ञान को बढ़ाना	कल्पना शक्ति पर विस्तार करना बौद्धिक क्षमता का विकास करना	क्षमता का विकास करना
GK	UNIT 8	UNIT- 8 Life Skills Pages 61 to 65	It covers a wide range of topics related to interpersonal skills, decision-making, problem-solving, communication, and goal setting.	Students will develop life skills essential for personal and professional success.	Role-playing exercises, group discussions, and reflective journaling can help students explore and develop their interpersonal skills, empathy, and self-awareness.	Online courses, webinars, or tutorials on topics such as time management, communication skills, or financial planning.	Mentorship programs or peer-to-peer support networks can provide students with guidance, encouragement, and accountability.	By developing life skills such as communication, problem-solving, etc., students can enhance their interpersonal relationships and academic performance.	

MONTH: JANUARY

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
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English	L-16	A Visit to the Rock Garden	Content: This lesson describes a visit to the Rock Garden of Chandigarh, highlighting its beauty, creativity, and use of recycled materials.	Learning Outcome: Students learn to appreciate art, environment, and the value of innovation through recycling.	Experiential Learning: Visiting a local garden or creating art from waste helps students connect practically.	Digital Learning: Virtual tours, videos, or presentations on Nek Chand's Rock Garden enhance visual understanding.	Extended Learning: Students can design their own "mini rock garden" models or projects using recycled materials.	Life Skill: Encourages creativity, environmental awareness, and respect for art and culture.
	GRAMMAR-Idioms with meanings WRITING-Revision of paragraph	GRAMMAR-Idioms with meanings WRITING-Revision of paragraph	Idioms are expressions or phrases that have a figurative meaning different from the literal meaning of the individual words.	Students will understand the concept of idioms, enhancing their comprehension of informal language and cultural expressions.	Students can explore idioms in context through reading and writing paragraphs.	Idiomatic dictionaries, quizzes, and interactive games	Students can research the origins and cultural significance of idioms.	Enhances students' language proficiency and communication skills, enabling them to comprehend and use informal language effectively.
Hindi	व्याकरण	विराम चिन्ह , मुहावरे व लोकोक्ति पत्र,निबंध सूचना अपठित गद्यांश	प्रस्तुत पाठ विराम चिन्हों के प्रयोग पर आधारित है पत्र अनुच्छेद एवं संवाद लिखने का प्रारूप	छात्र पाठ के विषय में जानकारी प्राप्त कर सकेंगे छात्र पाठ के महत्व को जान सकेंगे	चर्चा व्याख्यान समाधान निकालना संबंधित विषय पर मॉडल एवं चार्ट तैयार करना	उपकरण वीडियो पीडीएफ वीडियो विषय से संबंधित वीडियो	विराम चिन्ह एवं लोकोक्ति के बारे में विश्लेषण व कल्पना	कल्पना शक्ति पर तैयार करना बौद्धिक क्षमता का विकास करना

Maths	Chapter 14	Construction	<p>Construction of parallel lines.</p> <p>Construction of triangles.</p>	Students will be able to draw the exact perpendicular by using the ruler and compass.	Make different angles with the help of pair of compasses and ruler on A3 size sheet.	Videos related to the topics, PPT, PDF	Worksheets and assignments	Interactive session at the class based on the topics.
	Chapter 15	Perimeter and Area	<p>Perimeter of square, rectangle and triangle.</p> <p>Concept of area.</p> <p>Area of a right angle triangle and parallelogram.</p> <p>Area between two rectangles.</p> <p>Circumference</p>	Students will be able to find out the perimeter and area of different figures.	Measure the perimeter of the class desk.	Videos related to the topics, PPT, PDF	Worksheets and assignments	Interactive session at the class based on the topics.

			and area of a circle.					
Science	Chapter-13	13.Wastewater Story	Water, Sewage, Disposal of sewage, Waste water treatment, Biogas plant	<p>Students will be able to- Understand- sewage and contaminants of sewage</p> <p>Explain- Harmful effects of sewage, importance of sanitation</p> <p>Describe- waste water treatment plant</p> <p>illustrate - alternative arrangement of sewage disposal</p>	To examine the contaminants in sewage near house or school.	Videos related to the topics, PPT, PDF	Worksheets Assignments	Understanding the need of better house keeping practices.

Social Studies	CH- 4 (CIVICS)	Growing up as Girls and Boys	<ul style="list-style-type: none"> • Life of a Domestic Worker • How to Achieve Gender Parity in the Society • Women Empowerment • Women's Work and Equality 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> • Gender disparity • Domestic helpers • Equality between girls and boys <p>Valuing House</p>	<ul style="list-style-type: none"> • What is the role of women in the growth and development of a country? 	<ul style="list-style-type: none"> • Video • Power Point Presentation 	<ul style="list-style-type: none"> • Worksheets • Home Assignments • Activity Zone 	Children will understand the growing of girls and boys and their development.

				work				
	CH-7 (GEO)	Life in the Desert Regions	<ul style="list-style-type: none"> The Hot Desert- Sahara The Cold Desert - Ladakh 	<p>Students will be able to know about :</p> <ul style="list-style-type: none"> Locations of cold desert and hot desert Climate Life of people 	<ul style="list-style-type: none"> Do you think deserts are important ? How? 	<ul style="list-style-type: none"> Video Power Point Presentation 	<ul style="list-style-type: none"> Worksheets Home Assignments Activity Zone 	Knowledge about the life of people in the Desert Regions.
Computer	L-6:	Sustainable Development and AI Cost of Inaction	Understanding Sustainable Development The cost of Inaction	Students will be able to understand how to add images, graphics, animate the text etc in this chapter.	Create a MS word presentation and apply all the features that you have learned in the class. Design Tomorrow's Smart City	Videos to be shown, PPT , PDF	Worksheets and assignments.	Students will be able to implement all the concepts in the real world. It will enhance their confidence and make them more future ready.

SKT	यह अपठित गद्यांश शब्द रूप धातू रूप	अभ्यास कार्य एवं लिखित परीक्षा Revision						
GK	UNIT 9	UNIT 9 COMPUTATIONAL THINKING Pages 66 to 76	Introduces students to the fundamental concepts and principles of computational thinking.	Students will develop a foundational understanding of computational thinking and its applications.	Hands-on coding activities, puzzles, and challenges can help students develop algorithmic thinking and logical reasoning.	Virtual coding camps, hackathons, or coding competitions.	Participation in coding clubs or technology-focused extracurricular activities.	By developing computational thinking skills, students can enhance their problem-solving abilities, logical reasoning, and analytical skills.

MONTH: FEBRUARY

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
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English	Revision	Revision	Revision of prose and poems	Understanding the prose and the poems critically	Critical questions	Online resources for interactive sessions	Exploring literature to identify examples of grammar concepts in context and different writing formats.	Improving critical thinking and self-expression through writing revision and practice.
	Revision	Revision	Revision of Notice, Message, Adjectives & Adverbs, Prepositions, Conjunctions, Direct & Indirect Speech, Idioms, Sentences, Verbs.	Understanding the roles and usage of various grammar concepts and different writing formats and their conventions.	Creating sentences and writing practice for different formats with a focus on coherence.	Online resources for interactive grammar exercises and writing exercises and feedback.	Exploring literature to identify examples of grammar concepts in context and different writing formats.	Improving critical thinking and self-expression through writing revision and practice.
Hindi	Revision	Revision						

SKT								
GK	Revision	Revision	Revision of a diverse range of topics aimed at holistic development.	They will cultivate knowledge, skills, and attitudes essential for navigating in this rapidly changing world.	Engaging in hands-on activities, field trips, and simulations to provide immersive learning experiences.	Utilizing online resources, virtual platforms, and educational technology to enhance learning experiences.	Providing opportunities for enrichment through workshops, competitions, and mentorship programs.	Students will cultivate critical thinking, problem-solving, creativity, communication, collaboration, and adaptability.

MONTH: MARCH

**Commencement of
Final Exam**

Subject	Lesson No.	Lesson Name	Content	Learning Outcome	Experiential learning Hots/I Think	Digital Learning	Extended Learning	Life Skills
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English	Revision							
Hindi	पाठ 1 पाठ 2 व्याकरण पाठ 1 पाठ 17	ऊंचाई एक तकनीक एसी भी भाषा बोली लिपि अपठित बोध						

Maths	Revision							
Science	Revision							

Social Studies	Revision							
Computer	Revision							

SKT	Revision	Revision						
GK	Revision							