



**KALKA PUBLIC SCHOOL**

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

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**CLASS – IX**

**EXTENSIVE CURRICULUM**

**(2025-2026)**

## MONTH: APRIL

Month & No. of working days	Subject	Lesson No.	Lesson Name & topic	Learning objective	Pedagogy (Activities and resources)	Learning Outcome	Assessment	Life Skills
	English	CH-1, BEEHIVE	(CH-1, BEEHIVE) The Fun they had	Understand the concept of futuristic education and its contrast with traditional schooling.	Compare and contrast the futuristic classroom in the story with the current education system.	Students will be able to summarize the story and identify its main themes.	Assess the creativity and relevance of students' written stories or essays.	Analyzing and comparing different educational systems.
		CH-2, BEEHIVE	(CH-2, BEEHIVE) The Sound of Music	Appreciate the biographies and understand the impact of music on people's lives.	Play music pieces by Evelyn Glennie and Ustad Bismillah Khan to give students an auditory experience of their work.	Improved understanding of how perseverance and passion contribute to success.	Improved understanding of how perseverance and passion contribute to success.	Learning from the determination and dedication of the musicians.
		Poem	(Poem, BEEHIVE) The Road not taken	Understand the themes of choice and individuality and analyze the poetic devices used by Robert Frost.	Read the poem aloud in class, followed by discussion of the meaning and literary devices.	Improved creative expression through writing and art activities.	Multiple-choice questions, short answer questions, and essay questions.	Understanding the impact of choices and the importance of thoughtful decision-making.
		Poem	(Poem, BEEHIVE) Wind	Understand the themes of resilience and strength in the poem.	Facilitate a discussion on how wind is used as a metaphor for challenges in life.	Students will be able to interpret and analyze the poem's themes and literary devices.	Evaluate students based on their participation in discussions and activities.	Understanding the importance of facing challenges with courage and strength.
		CH-1, MOMENTS						Recognizing the importance of staying close to guardians in crowded places and understanding basic safety measures.

			(CH-1, MOMENTS) The Lost Child	Understand the emotional journey of a child separated from his parents and explore themes of childhood, parental love, and the sense of security.	Organize a role-play activity where students act out scenes from the story to understand the emotions of the characters.	Students will be able to summarize the story and identify its main themes.	Multiple-choice questions, short answer questions, and essay questions	
		Integrated Grammar Notice Writing	Integrated Grammar Notice Writing	It consists of various types of verbs and their usage. Also this section covers notice writing.	Begin with an explanation of notice writing, including its format, language, and key points.	Students will be able to write effective and well-structured notices.	Evaluate students based on their ability to write clear, concise, and correctly formatted notices.	Developing the ability to convey information clearly and concisely.
हिंदी स्पर्श	पाठ 1	दुख का अधिकार	कहानी द्वारा उच्च नीच के भेदभाव अंधविश्वास को प्रकट करना गरीबों के प्रति सहानुभूति हमदर्दी	स्पष्टीकरण पीडीएफ प्रश्न चर्चा स्क्रीन शेरिंग  रहीम के दोहे का कक्षा पक्ष में उचित लय गति से वाचन	अंधविश्वास और भेदभाव के बारे में विश्लेषण तथा नियम वर्गों के प्रति सहानुभूति	कार्यपत्रक वस्तुनिष्ठ ज्ञान भाषा प्रतियोगिता	क्षमताओं और प्रेरणाओं को विकसित करना	

	कविता -1	रैदास के पद-अब कैसे छूटे राम नाम रट लगी।	रैदास का परिचय पद के विषय अर्थ में सक्षम कविता की उचित लय के साथ पढ़ाना विश्लेषण कौशल को बढ़ाना काव्य का शुद्ध उच्चारण, अभ्यास कार्य, रचना अभिव्यक्ति	स्पष्टीकरण व्याख्यान समस्या समाधान रैदास के पद का उचित लय गति से वाचन।	कविता में ईश्वर के भक्ति भावना का परिचय, ईश्वर के प्रति उदारता समदर्शी स्वभाव सदभावना रखने में सक्षम ।	मूल्यों को सुदृढ़ करना क्षमताओं और प्रेरणाओं को विकसित करना
	व्याकरण	शब्द / पद	शब्द और पद की परिभाषा, प्रकार, शुद्ध भाषा ज्ञान उदाहरण	श्यामपट्ट कार्य, पठन पाठन, स्पष्टीकरण पीडीएफ	अर्थ ग्रहण क्षमता पद के प्रकार आदि को सीखने में सक्षम	विभिन्न शैक्षिक प्रणालियों का विश्लेषण और तुलना करना

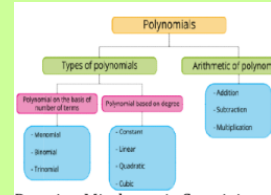
	Maths	Chapter -1	<p>Number system</p> <p>Topic- * Rational Numbers</p> <p>2) To find numbers between any two given rational numbers</p> <p>3) <math>\sqrt[n]{n}</math> on a number line</p> <p>4) Rational Numbers in the form of <math>\frac{p}{q}</math></p> <p>5) Laws of Exponents</p>	<p>Develop the ability to analyze and differentiate between various types of numbers.</p> <p>2. To find numbers between any two given rational numbers</p> <p>3. Skill to find numbers between given two rationals/irrationals</p> <p>4. Convert rational numbers given in their decimal form to the form <math>\frac{p}{q}</math></p> <p>5.1. Able to Extend laws of exponents for negative powers. 2. Verify the laws of exponents involving the same bases.</p> <p>3. Apply the laws of exponents to the real numbers.</p> <p>4. Verify the laws of exponents involving different bases but the same exponents</p> <p>Classify the polynomials among the algebraic expressions. 2</p> <p>2. Identify and</p>	<p>Explanation, discussion, deductive learning, inductive method, Cooperative learning, HOTS, Competency based questions, critical thinking</p>	<p>: Develops the understanding of numbers, including of real number its properties</p> <p>recall of</p> <p>Natural numbers, Whole numbers. Integers rational Numbers</p> <p>Develop the ability to analyze between the numbers</p>	<p>Drawing Mind map is Creativity work (21st century skills)</p> <p>Share his experience with other team members and appreciate to others comes Under (SEL) Social Emotional Learning</p> <p>(Think of what children SAY, DO and MAKE while learning that can form the evidence of learning to be used for assessment). Home work note books Marks of Quiz on areas Work sheets</p>
		Chapter					

-2

Polynomials

express the real life situations into polynomial. 3  
3. Understand the degree, Zero of the polynomial and remainder and factor theorems. 3  
4. Identify appropriate algebraic identities to factorize and evaluate the values of algebraic exp 4  
5. Apply the concept of factorization to solve daily life situations. 5  
6. Derive proofs of Identities of algebraic expressions

Explanation, discussion, deductive learning, inductive method, Cooperative learning, HOTS, Competency based questions, critical thinking




Classify the polynomials among the algebraic expressions. 2  
2. Identify and express the real life situations into polynomial. 3  
3. Understand the degree, Zero of the polynomial and remainder and factor theorems. 3  
4. Identify appropriate algebraic identities to factorize and evaluate the values of algebraic exp 4  
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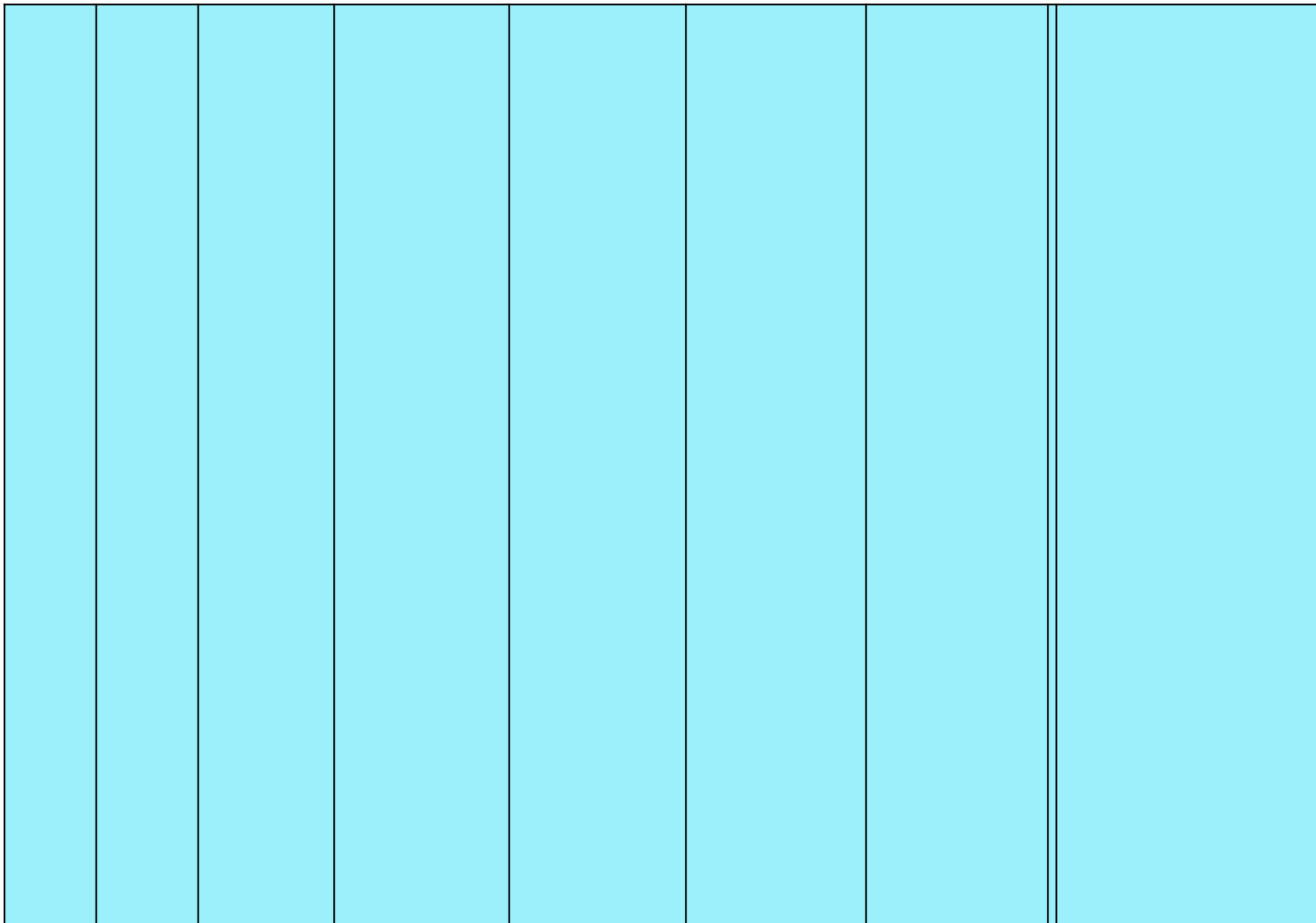
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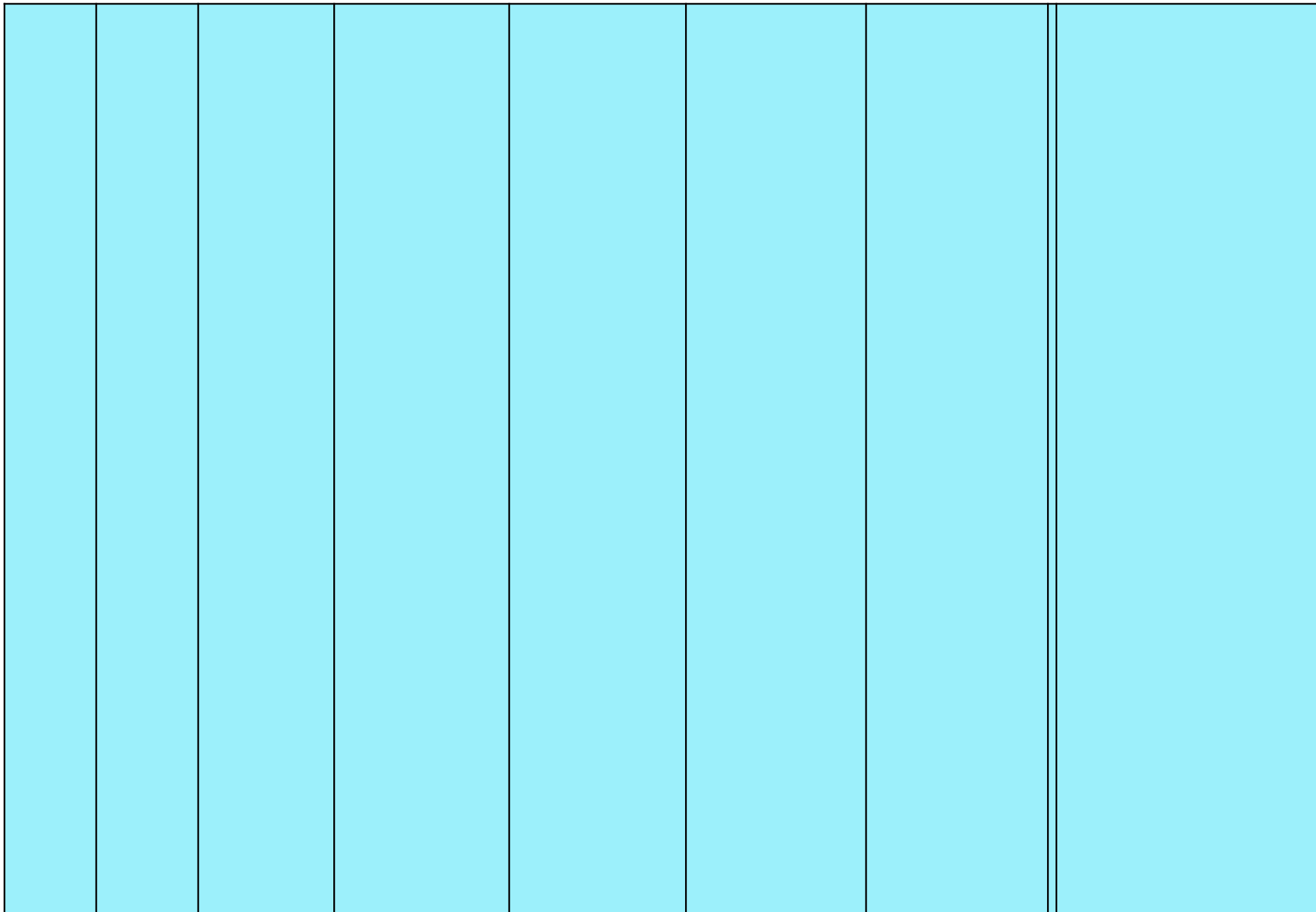


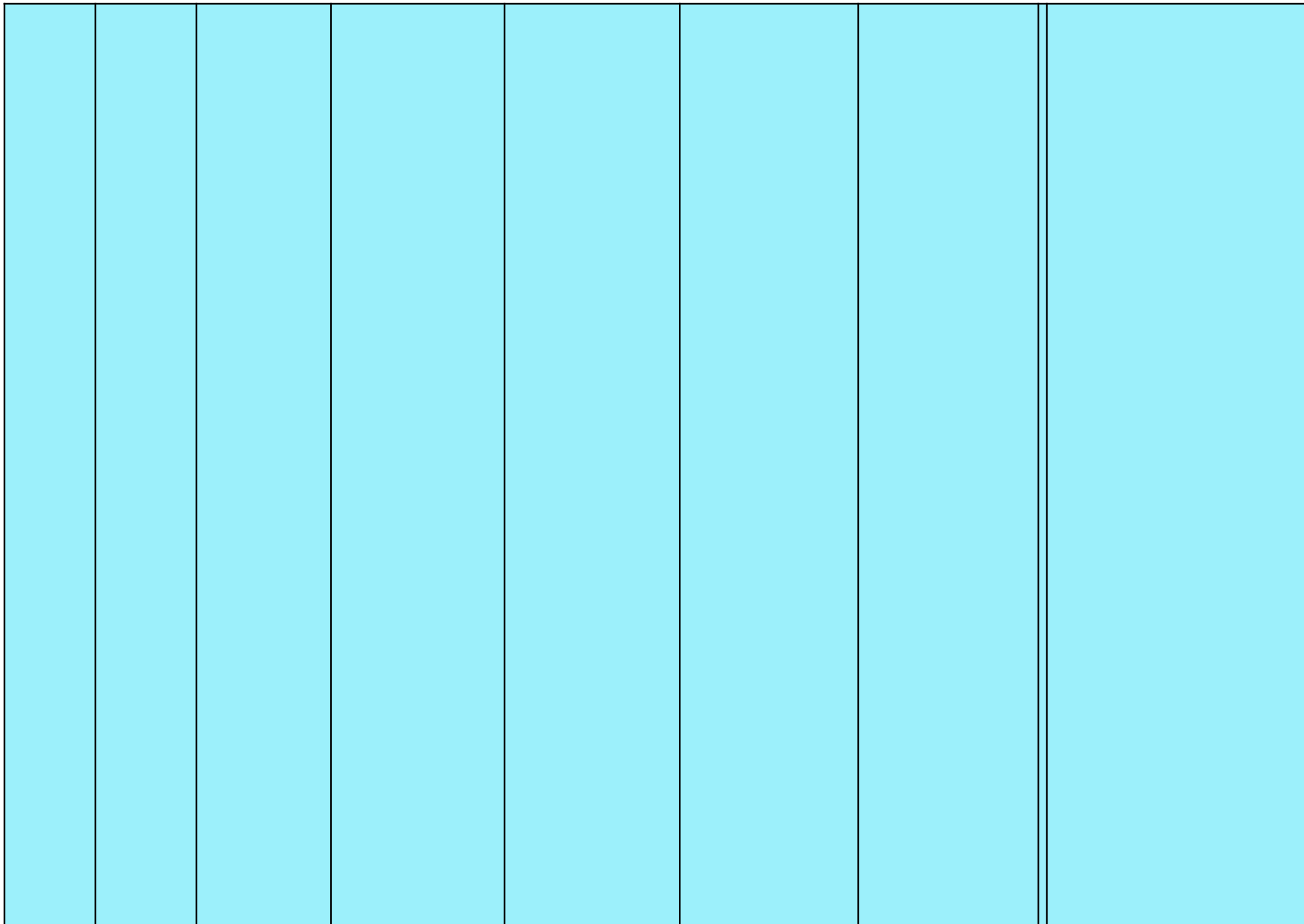
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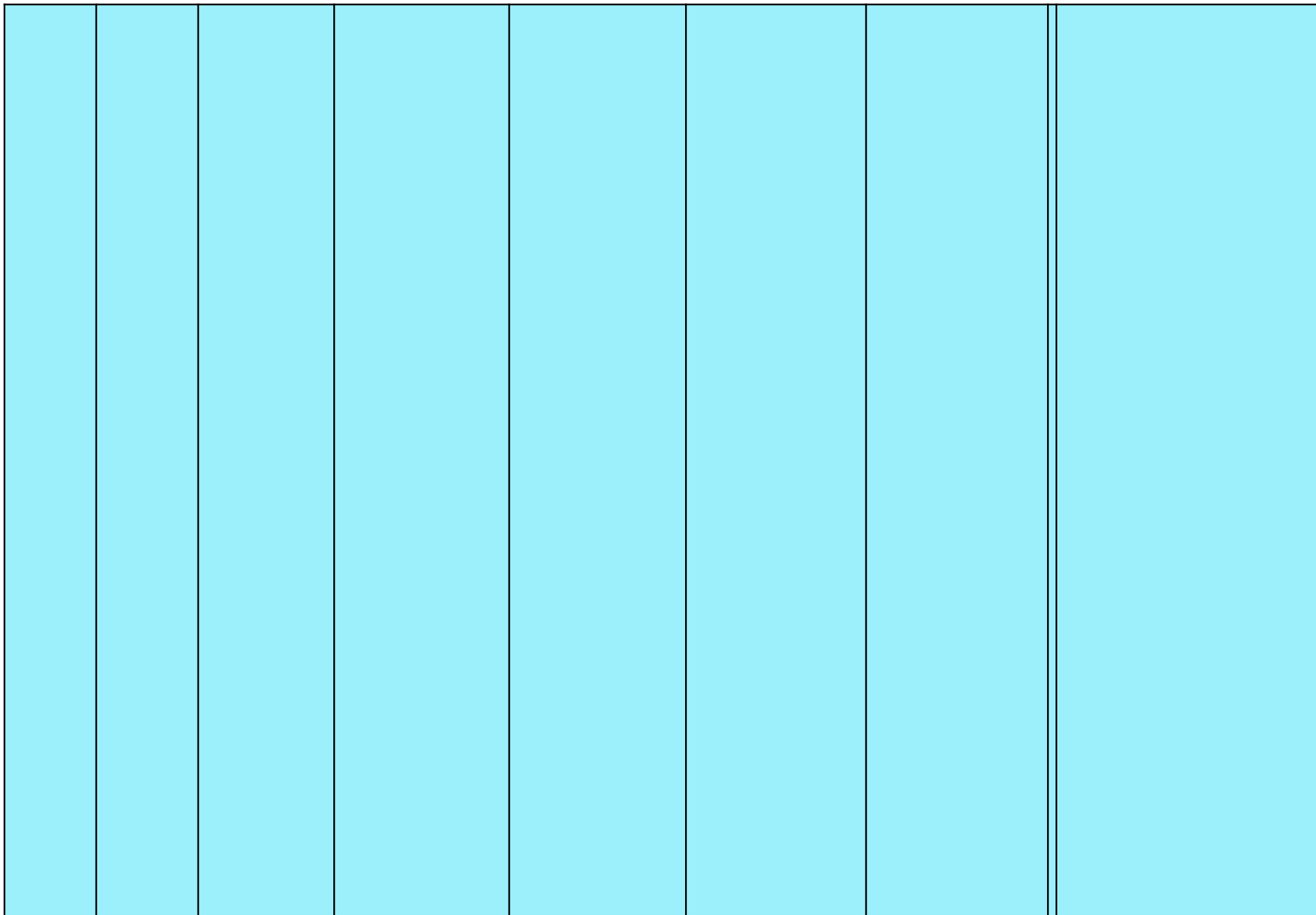
<p>08</p>	<p>CHEMISTRY</p> <p>Biology</p>	<p>CHAPTER-1</p>  <p>CH- 5</p>	<p>Matter in our surroundings</p> <p>Physical nature of matter</p> <p>Characteristics of particles of Matter</p> <p>States of matter</p> <p>ch- 5 Cell - Basic Unit of life</p>	<p>Students will understand the following topics -</p> <p>Classify matter into solids, liquids and gases based on characteristic properties of the particles in them.</p> <p>Demonstrate that matter is made up of tiny particles.</p> <p>Conclude that particles of matter continuously move during interaction between various forms.</p> <p>Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes -</p>	<p>Problem solving Explanation Demonstration Experiential Learning Subject enrichment activities PPT, PDF Questionnaire</p> <p><b>Resources-</b></p> <p><a href="https://docs.google.com/presentation/d/17X5hmg7ELWQd5LY3ELryNE33rp-NHtet/edit?usp=sharing&amp;oid=101800394715389172696&amp;rtfpof=true&amp;sd=true">https://docs.google.com/presentation/d/17X5hmg7ELWQd5LY3ELryNE33rp-NHtet/edit?usp=sharing&amp;oid=101800394715389172696&amp;rtfpof=true&amp;sd=true</a></p> <p><b>Activity-</b> Matter is made up of small particles.</p>	<p>Students will be able to -</p> <p>Explain the physical nature of matter</p> <p>list the characteristics of matter</p> <p>list the states of matter</p> <p>differentiate the states of matter</p> <p>Students will be able to- * Define and explain the term cell. *Explore and identify the discovery of a dead and living cell. *Enlist the postulates of the cell theory *Identify various types of cell and correlate their shape with function</p>	<p>Developing scientific vocabulary and its proper usage. *Critical thinking through open ended questions.</p> <p>*Developing scientific vocabulary and its proper usage. *Critical thinking through open ended questions.</p>
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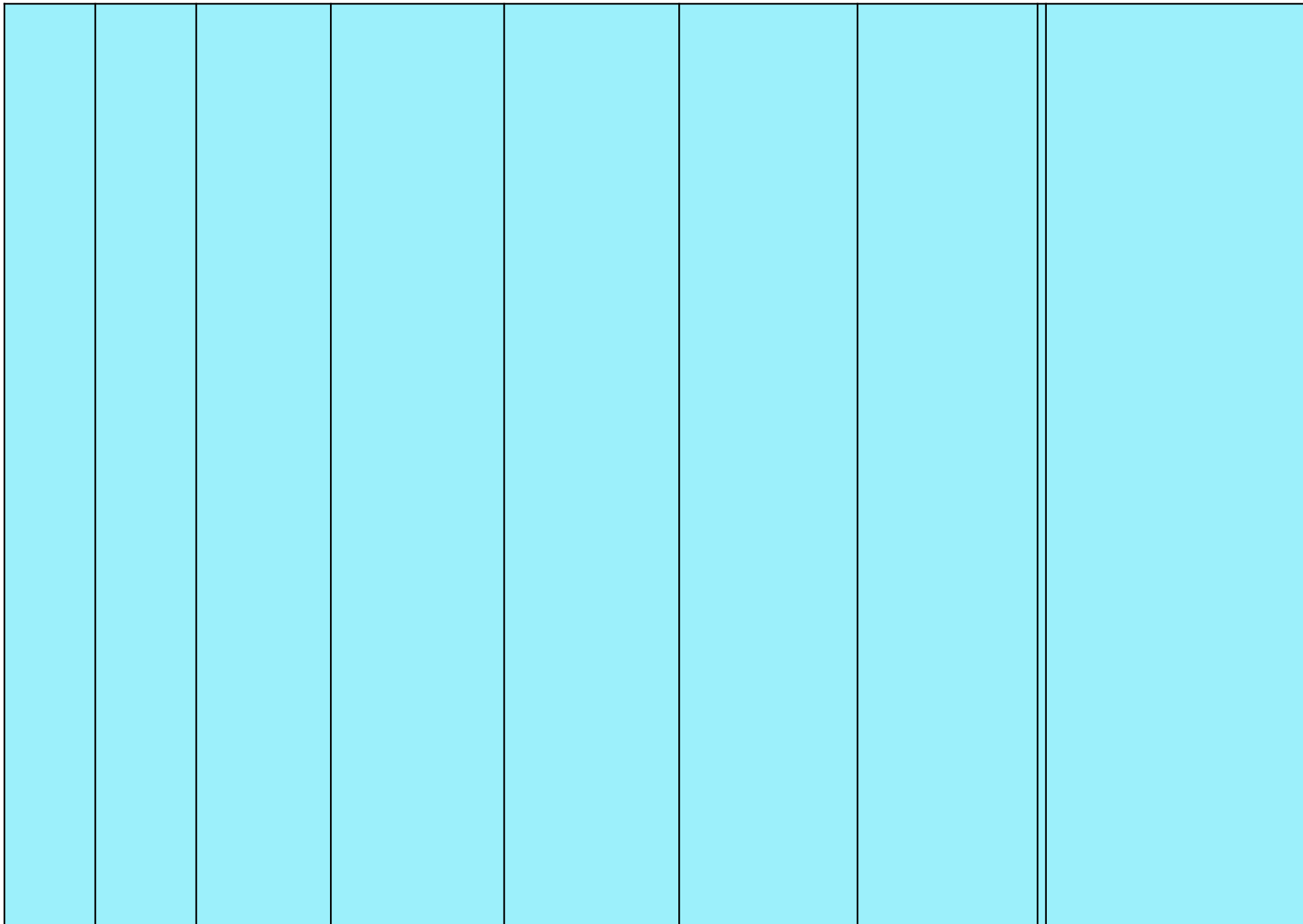
	<p># Science (Physics)</p>	<p>Chapter -07</p>	<p># Motion —</p> <ol style="list-style-type: none"> <li>1. Rest and Motion</li> <li>2. Distance and displacement</li> <li>3. Speed and velocity</li> <li>4. Instantaneous speed and velocity.</li> <li>5. Average speed and velocity.</li> </ol>	<p>basic structure, number.</p> <p>students will be able to understand various terms related to the Motion like Rest, speed, velocity and average velocity.</p>	<p>- discussion through examples from life , lecture method, Question answer through open ended situations .</p> <ol style="list-style-type: none"> <li>1) Recapitulation of the facts and information</li> <li>2) Lecture method</li> <li>3) Explanations on topics with diagrams</li> <li>4) Discussions on Concepts</li> <li>5) Activities in Lab</li> </ol> <p><b><u>EXPERIMENTS -</u></b></p> <p>Determination of density of solid by using a spring balance and a measuring cylinder.</p>	<p>Students were able to understand the various terms like speed, velocity and average speed.</p>	<p>Assignment of Motion: Speed, velocity.</p> <p>NCERT questions and Numerical, conceptual questions, MCQs&amp; Assessment Reasoning Questions on above concepts</p> <p>Class Test /Monthly test (Chapter wise / Topic wise) Discussion of Scoring Points/ Marking Scheme/ Sample Questions</p>
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	<b>Science</b>			•			

	Social Studies	ch-1(History)	French revolution	<ul style="list-style-type: none"> <li>• Compare &amp; contrast the conditions that prevailed in France with the situations prevailed in India pre 1857 war.</li> <li>• Critically examine the need of voting rights of Common people in France which laid the foundation of future Democracies.</li> </ul>	<p>Class room discussions to compare and contrast the conditions that prevailed in France that led to revolution with the conditions that led to the first war of Indian Independence. (1857).</p> <p>*Graphic Organisers to critically examine the situations that made the raise in demand of voting rights by passive citizens as well as women</p>	<p>*Critically Examine the situations that made the raise in demand of voting rights by passive citizens as well as women</p> <p>*Propose solutions to address such imbalances and discriminations that lead to revolutions</p> <p>*Appraise the impact of the French revolution on the world.</p>	<p>Inquiry based learning to appraise the impact of the French revolution on the world. Conclude with group Presentations</p>	<p>Analyses the important phases in world history and draws insight to understand the present-day world</p>

		<b>Ch-1 (geography)</b>	India-Size and location	<p>*Examine how the location of an area impacts its climate and time with reference to longitude and latitude.</p> <p>*Explore and analyze the trading and cultural relationships of India with its neighboring countries</p> <p>*Evaluate the situation &amp; reasons that made 82.5E* longitude as Time meridian of India.</p>	<p>Use GeoGebra, Google earth to represent and justify the reasons for the differences in climatic conditions, local and standard time.</p> <p>*On map of India Locate physiographic regions of India and the climatic zones of the world on a globe/map</p>	<p>*Examine how the location of an area impacts its climate and time with reference to longitude and latitude.</p> <p>*Explore and analyses the trading and cultural relationships of India with its neighbouring countries.</p> <p>*Evaluate the situation &amp; reasons that made 82.5E* longitude as Time meridian of India. Examine how location of India enables its position as a strategic partner in the subcontinent. Justify the reasons for the differences in climatic conditions, local and standard</p>	<p>Draw out the rationale/ reasons behind fixing (82.5E) as a time meridian for India PPT presentation to present alternate solutions.</p>	<p>On map of India Locate physiographic regions of India and the climatic zones of the world on a globe/map</p>
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	A.I.	UNIT- 1	<p>PART A : Employability Skills UNIT- 1 : Communication Skills</p> <p>PART B :Subject Skills UNIT – 1: AI Reflection, project Cycle and Ethics</p>	<p>Developing active listening, improving verbal and nonverbal communication</p> <p>Understanding AI's impact, critically evaluating its use, and developing skills for responsible and ethical application.</p>	<p>Classroom discussion</p> <p>Powerpoint presentations</p> <p>Visual aids.</p>	<p>It encompasses developing fluency and accuracy in various communication contexts.</p> <p>Allowing learners to critically evaluate their understanding and identify areas for improvement.</p>	<p>Draw a neat Diagram of Elements of Communication.</p>	



## MONTH: MAY

Month & no. of working days	Subject	Lesson No.	Lesson Name & Topic	Learning Objective	Pedagogy (Activity & Resources)	Learning Outcome	Assessment	Life Skills
	<b>English</b>	CH-2, BEHIVE	(CH-2, MOMENTS) The Adventure of Toto	Understand the themes of mischief, curiosity, and the bond between humans and animals.	Have students analyze the character of Toto, focusing on his traits and the trouble he causes.	Enhanced comprehension and analytical skills.	Multiple-choice questions, short answer questions, and essay questions	Understanding and relating to the feelings and behaviors of animals.
		Letter Article Writing Integrated Grammar	Letter Article Writing Integrated Grammar		Have students write a draft of their article. Conduct a workshop session where students can revise their drafts based on peer and teacher feedback.	Enhanced grammar, punctuation, and overall language and writing skills.	Evaluate students based on their ability to write clear, structured, and engaging letters and articles.	Developing the ability to convey information clearly and persuasively in writing.
	<b>Hindi</b>	पाठ -2	एवरेस्ट मेरी शिखर यात्रा	पर्वतारोहण बचेंद्री पाल का परिचय, संपूर्ण यात्रा का विवरण मेहनत और सफलता का व्याख्यान, अपने क्षेत्र में उपलब्धि प्राप्त करने वाले साहसी लोगों का वर्णन।	स्पष्टीकरण, पठन-पाठन प्रोजेक्टर, वीडियो स्क्रीन, शेरिंग, आगे बढ़ती भारतीय महिलाओं के बारे में चित्र सहित लिखिए।	आत्मिक दृढ़ता की प्रेरणा और भावनात्मक अभिरुचि का विकास करने में सक्षम	कौशल प्रशिक्षण संवर्धन गतिविधि कक्षा परीक्षा	नेतृत्व क्षमता, संप्रेषण कौशल, संचार और जीवन कौशल

	संचयन	कविता-2 पाठ -1	रहीम के दोहे  गिल्लू	दोहे का से स्वर वाचन उचित लय संकेत बिंदुओं का स्पष्टीकरण  महादेवी वर्मा का परिचय पशु पक्षियों से संबंधित घटनाओं का वर्णन।	स्पष्टीकरण वीडियो द्वारा प्रोजेक्टर दैनिक उदाहरण रहीम के दोहे A4 सीट	छात्रा कविता के विषय और अर्थ को समझने में सक्षम कविता का उचित स्वर और छंद के साथ पढ़ना कविता में रुचि विकसित करना शब्दावली को मजबूत करना विश्लेषण कौशल को बढ़ाना  पशु पक्षियों के प्रति संवेदना शील	कौशल प्रशिक्षण संवर्धन गतिविधि कक्षा परीक्षा	साहित्यिक और सामाजिक कौशल क्षमताओं और प्रेरणाओं को विकसित करना।
		व्याकरण	अनुस्वार अनुनासिक	भाषा का उचित ज्ञान, वर्ण, स्वर और व्यंजन का ज्ञान।  अनुस्वार अनुनासिक का प्रयोग कर 10-10 शब्द बनाएं।	स्पष्टीकरण श्यामपट्ट कार्य	भाषा ज्ञान का विकास	कौशल प्रशिक्षण संवर्धन गतिविधि कक्षा परीक्षा	विभिन्न शैक्षिक प्रणालियों का विश्लेषण, सृजनात्मकता क्षमता

	<p><b>Maths</b></p>	<p>Chapter -3</p>	<p>Linear equation in two variables</p>	<p>• Demonstrate an understanding of a linear equation in one variable</p> <ul style="list-style-type: none"> <li>• Learn the definition of a linear equation</li> </ul>	<p>Power Point Presentation , Laptop , Text – Book. Demonstration and Lecture method</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> <li>• Demonstrate an understanding of how to solve a linear equation in one variable</li> </ul>	<p>Review questions assigned by the teacher . Solve NCERT problems with examples and some extra questions from the refreshers. Class Test and Oral Test and then solve the independent practice question provided</p>	
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(x,y)

- Learn how to check a solution for a linear equation in two variables
- Learn how to create a table of ordered pairs

variables using an ordered pair (x,y)

- Learn how to check a solution for a linear equation in two variables
- Learn

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		Chapter 5	Euclid Geometry	<p>Students would be able to</p> <ol style="list-style-type: none"> <li>1. Appreciate the contribution of Great Mathematicians like Euclid, Thales and Pythagoras in Geometry</li> <li>2. Comprehend the basic Geometrical terms e.g. point, line, surface, defined by Euclid.</li> <li>3. Differentiate between postulates and axioms</li> <li>4. Understand seven axioms and five postulates</li> <li>5. Understand the meaning of proportions /theorems thereby inculcating competencies like</li> </ol>	<p>Inductive Reasoning, Deductive Reasoning, Graphic Organizers, Think, pair and share Dimensions of Learning Brainstorming</p>	<p>Students will develop the ability to understand</p> <ol style="list-style-type: none"> <li>1. Euclid's Definitions, Axioms and Postulates.</li> <li>2. Equivalent Versions of Euclid's Fifth Postulate.</li> <li>3. There are seven axioms.</li> <li>4. There are five postulates.</li> </ol>	<ol style="list-style-type: none"> <li>1. Written test</li> <li>2. Lab activity</li> <li>3. Group Discussion</li> <li>4. HW notebook</li> </ol>	<ol style="list-style-type: none"> <li>1. Analyse and apply Euclid's postulates/axioms to solve simple geometrical problems.</li> <li>2. Prove some more results by critically applying deductive reasoning.</li> <li>3. Explain creatively that the given statement is a direct consequence of Euclid's fifth postulate etc.</li> <li>4. Rewrite Euclid's fifth postulate in an easy to understand language.</li> <li>5. Explain the existence of parallel lines.</li> </ol>
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				collaboration, critical thinking and creativity				
Science Biology	CH- 5	Cell - Basic Unit of life ( cont.)	<ul style="list-style-type: none"> <li>Cell as a basic unit of life; prokaryotic and eukaryotic cells, multicellular organisms; cell membrane and cell wall, cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number.</li> </ul>	<ul style="list-style-type: none"> <li>Demonstration</li> <li>- discussion through examples from life , lecture method, Question answer through open ended situations .</li> </ul>	Students will be able to- * Define and explain the term cell. *Explore and identify the discovery of a dead and living cell. *Enlist the postulates of the cell theory *Identify various types of cell and correlate their shape with function.	oral questionnaire *Worksheet * Lab Activity	*Developing scientific vocabulary and its proper usage. *Critical thinking through open ended questions.	
# science (Physics)	Chapter - 07	# Motion 1. Acceleration 2. Uniform and Non uniform Motion	students will be able to understand various terms related to the Motion like Acceleration, uniform and	1) Recapitulation of the facts and information 2) Lecture method 3) Explanations on topics with	Students were able to understand the various terms like Acceleration	Assignment of Motion: Numericals on Newton's laws of Motion.	Awareness, Analytical Skills, Problem Solving, Observational Skills, Critical	

			<p>3. Newton's laws of Motion</p>	<p>Non uniform Motion, Newton's laws of Motion.</p>	<p>diagrams 4) Discussions on Concepts 5 )Perform Activities in Lab.</p> <p><b><u>Experiments -</u></b></p> <p>To study the Newton's third law of Motion using spring Balance.</p>	<p>&amp; Newton's laws of Motion.</p>	<p>NCERT questions and Numerical, conceptual questions, MCQs&amp; Assessment Reasoning Questions on above concepts</p> <p>Class Test /Monthly test (Chapter wise / Topic wise) Discussion of Scoring Points/ Marking Scheme/ Sample Questions</p>	<p>Thinking, Creativity, Values Enthusiasm Balance Fairness.</p>
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CHEMISTRY	CHAPTER-2	<b>Is matter around us pure?</b>  Substances and mixture  Compounds  Elements  Solution  Suspension	Students will understand the following concepts- Pure substances Mixture and its types  Properties of compounds  Types and properties  Types and concentration numericals properties and examples	Problem solving Explanation Demonstration Experiential Learning Subject enrichment activities PPT, PDF Questionnaire  <u>Activity-</u>  <u>RESOURCES-</u>  <a href="https://docs.google.com/presentation/d/1ZajEAxrcpTIUMCBONtzFcdQgxNGuWJoF/edit?usp=sharing&amp;oid=101800394715389172696&amp;rtipof=true&amp;sd=true">https://docs.google.com/presentation/d/1ZajEAxrcpTIUMCBONtzFcdQgxNGuWJoF/edit?usp=sharing&amp;oid=101800394715389172696&amp;rtipof=true&amp;sd=true</a>	Students will be able to- -Differentiate between mixture and compound -Differentiate between homogenous and heterogenous mixture -Differentiate between element and compound list the properties of mixture and compound -demonstrate physical and chemical changes with examples -Explain the different techniques for separation of mixtures.	1.Practice of MCQs through assignment. 2. Practice of Assertion/Reason type questions. 3. Practice of PBQs. 4.Ncert questions 5.Questions from reference book. 6.Worksheet	Students will be able to- Analyze the different elements in surrounding Apply the knowledge of various separation techniques in daily life situation. -develop scientific temperament and inquisitiveness.
Social Studies	Ch-1(Civics)	What is democracy? Why democracy?	*Examine the concept /structural components of Democracy and its forms/ features in different countries  *Examine and analyse the	*World café and Café conversations strategies for introduction of concepts of Democracy & features of Democracy 4 corners strategy to discuss "What & why of democracy?  *students create democratic	Compare and Contrast working of democracies of India and North Korea and infer on their differences and significance in each country.  Define Democracy and	*students create democratic governance model in the class.  Cartoon interpretation to summarize the benefits of democracy	Understands the Indian Constitution and explores the essence of Indian democracy and the characteristics of a democratic government .

				<p>working structure of the governments of India and North Korea</p> <ul style="list-style-type: none"> <li>Analyse and infer on the different historical processes and forces that have contributed for the promotion of democracy.</li> </ul>	<p>governance model in the class. Cartoon interpretation to summarize the benefits of democracy.</p>	<p>enumerate its features.</p> <p>Evaluate the authenticity of the voting rights of the Indian population versus the population of Iran. Interpret the statement “Democracy provides a method to deal with differences and conflicts” with reference to India. Summarize the features and benefits of democracy*</p>		
		<b>Ch-1(Economics)</b>	The story of village Palampur	<p>Evaluate the prevailing farming conditions in different states with reasons</p> <ul style="list-style-type: none"> <li>Examine the factors of production and interdependence of the requiremen</li> </ul>	<p>Visit the nearest village, interview a farmer/ visit local markets and interview farmers and present it in the class. (Experiential learning strategy) Poster making/ Concept map and gallery walk to enlist the requirements of production and summarize the interdependence of these</p>	<p>Analyse and infer how the prevailing farming conditions impact economic development of different states</p> <p>Enlist the requirements of production and summarize the interdependen</p>	<p>Present a business plan for non-farm activities by using the four factors of production.</p>	<p>Develops an understanding of the economy of a nationstate, with specific reference to India.</p>



				<p>ts.</p> <ul style="list-style-type: none"> <li>● Examine the contribution of non-farm activities to the economic growth of the village.</li> </ul>	<p>requirements. Present a business plan for non-farm activities by using the four factors of production.</p>	<p>ce of these requirements.</p> <p>Enlist non-farm activities and depict the link with economic growth.</p>		
		<b>Ch-2(Geography)</b>	Physical features of India	<p>Justify why India is a subcontinent</p> <ul style="list-style-type: none"> <li>● Examine the geological process that played a crucial role in the formation of diverse physical features in India</li> <li>● Analyse the conditions and relationships of the people living in different physiographic areas.</li> <li>● Examine</li> </ul>	<p>*Use Art integrated strategies like gallery walk/Model making to demonstrate how physical features make India a sub-continent.</p> <p>*Group work to discuss the lives and relationships amongst physiographic areas.</p> <p>* Brainstorming and make a comparison of India's Physical features with another country.</p>	<p>Conclude why India is a subcontinent based on study of different physical features.</p> <p>Analyse the conditions and relationships of the people living in different physiographic areas.</p> <p>Enumerate the different environmental issues in India and propose solutions for these issues</p>	<p>Use Art integrated strategies like gallery walk/Model making to demonstrate how physical features make India a sub-continent</p>	<p>Develops an understanding of the inter-relationship between human beings and their physical environment and how that influences the livelihoods, culture, and the biodiversity of the region.</p>

				various environmental issues				
	A.I.	Unit 3	<p>PART A : Employability Skills</p> <p>UNIT- 3: Information and Communication Technology Skills</p>	<p>ICT skills focus on developing practical abilities for using technology effectively, including understanding hardware and software, using digital resources, and applying digital skills to solve problems and communicate.</p>	<p>Classroom discussion</p> <p>Powerpoint presentations</p> <p>Visual aids.</p>	<p>Enable learners to access, create, and communicate information effectively, fostering critical thinking, collaboration, and digital literacy.</p>	<p>Make an attractive Chart on various Peripheral Devices.</p> <p>Create an email Account in Gmail and perform the various operations; compose, send, sending attachments etc.</p>	<p>enhanced communication, problem-solving, critical thinking, and digital literacy</p>

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**MONTH: JULY**

Month and no. of working days	Subject	Lesson No.	Lesson Name .&Topic	Learning Objective	Pedagogy(Activity &Resources)	Learning Outcome	Assessment	Life skills
	English	(CH-3,MO MENTS)	(CH-3,MO MENTS) Iswaran the story teller	Understand the art of storytelling and its impact on the audience. Explore themes of imagination, creativity, and cultural folklore.	Have students create and share their own short stories, using techniques similar to Iswaran's (e.g., suspense, vivid descriptions).	Students will be able to summarize the story and identify its main themes	Assess the creativity and relevance of students' short stories, alternate endings, and artwork.	Enhancing speaking and listening skills through discussions and storytelling activities.
		(CH-4,MO MENTS)	(CH-4,MO MENTS) In the kingdom of fools	Understand the themes of wisdom versus folly and the consequences of foolish decisions.	Conduct a debate on the effectiveness of the king's decisions and whether the wise man's approach was the best solution.	They will develop critical thinking by analyzing the characters' decisions and their consequences.	Evaluate students based on their participation in discussions, role-plays, and debates.	Reflecting on moral lessons and applying them to personal experiences.

		(Poem,BEE HIVE)	(Poem,BEE HIVE) Rain on the roof	Appreciate the beauty and sensory details of nature through poetry.	Discuss the sensory details in the poem, such as how the rain sounds, feels, and looks, and how these details contribute to the overall mood.	Students will be able to interpret and analyze the poem's themes, imagery, and emotions.	Grade students on their ability to use sensory details in their writing and artwork.	Developing an appreciation for sensory experiences and their impact on emotions.
		Story Writing	Story Writing	Develop narrative skills and creative expression through structured storytelling.	Have students write the first draft of their story	Students will be able to write structured and engaging stories.	Evaluate students based on their ability to create a compelling narrative.	Developing imaginative and original ideas through storytelling.
हिंदी	पाठ -3	अतिथि !तुम कब जाओगे।	लेखक परिचय मौखिक अभिव्यक्ति स्मृति आधारित लेखन कौशल शब्दों का प्रसंगानुकूल अर्थ घर में आए अतिथियों का वर्णन	स्पष्टीकरण दृश्य श्रव्य माध्यम स्क्रीन शेयरिंग	महंगाई के समय में अतिथि सत्कार का अर्थ धार्मिक एकता का महत्व समझने में सक्षम	कार्यपत्रक अवलोकन भाषा प्रतियोगिता वस्तुनिष्ठ ज्ञान	स्वतंत्र जीवन पारस्परिक और सामाजिक कौशल कल्पना शक्ति कौतूहल जिज्ञासा	

			अपठित बोध	अपठित गद्यांश व पठित गद्यांश आलोचनात्मक चिंतन साहित्यिक परंपराओं के परिप्रेक्ष्य में मूल्यांकन विश्लेषण अभिव्यक्ति के मौलिकता एवं जीवन मूल्यों की पहचान	स्पष्टीकरण समस्या समाधान व्याख्यान विधि पीडीएफ पीपीटी	सृजनात्मक एवं मौलिक अभिव्यक्ति को प्रोत्साहन, दक्षता की जांच	तार्किक सोच जागरूकता पाठ्य चर्चा एकीकरण	विभिन्न शैक्षिक प्रणालियों का विश्लेषण और तुलना करना क्षमता और प्रेरणाओं को विकसित करना।
	व्याकरण	विराम चिन्ह  अन्च्छेद लेखन	सस्वर वाचन भाषा की शुद्धता रचनात्मक विश्लेषण  संकेत बिंदुओं का स्पष्टीकरण	स्पष्टीकरण समस्या समाधान व्याख्यान विधि पीडीएफ पीपीटी	भाषा ज्ञान को समझने में सक्षम शुद्ध भाषा का उच्चारण सतत अभ्यास	स्वयं मूल्यांकन वस्तुनिष्ठ ज्ञान कक्षा परीक्षा	कल्पना शक्ति सृजनात्मक क्षमता सार्वभौमिक मूल्य चिंतन	

	Maths	Chapter -4	Coordinate geometry	Students will be able to learn The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.	Brain Storming-The class would start with a discussion on what the students have already learnt in the previous classes and hence what is it that they would learn now  Inductive Deductive Reasoning, Graphic Organizers, Think, pair and share	.Students will be able to learn The Cartesian plane, coordinates of a point, names and terms associated with the coordinate plane, notations.	worksheets, Oral tests, Quiz , Mind map, Flow chart	Exhibit memory of previously learned material by recalling facts, terms, basic concepts, and answers.,
		Chapter -6	Lines and angles  1.(Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse. 2. (Prove) If two lines intersect, vertically opposite angles are equal. 3.	Students would be able to identify the properties of the angles formed when 2 lines intersect each other and when a line intersects 2 or more parallel lines at distinct points. Students will also be able to use these properties to prove some statements, thereby inculcating	Inductive Deductive Reasoning, Graphic Organizers, muddiest point discussion  Brain Storming-The class would start with a discussion on what the students have already learnt in the previous classes and hence what is it that they would learn now. They	Students will develop the ability to understand 1. Intersecting lines and non-intersecting lines. 2. Pairs of angles. 3. Parallel lines and a transversal. 4. Lines parallel to the same line. 5. Angle sum property of a triangle.	.1. Written test 2. Lab activity 3. Group Discussion 4. HW notebook	1. Solve and analyze geometrical problems 2. Solve problems related to adjacent angles and linear pair. 3. Critically think and use the concept of various angles formed when a transversal intersects 2 parallel lines and their properties. 4. Apply angle sum property of

			(Motivate) Lines which are parallel to a given line are parallel.	competencies like collaboration, critical thinking and creativity	would also be told the significance of the topic that they would be studying. Introduction of the topic- ppt and Digital Content would be shared			a triangle to solve various problems. 5. Solve complex questions based on the topics 6. Use analytical skills to visualize the given scenario and use the concepts learnt in everyday problems
	Science	CH - 6	Tissues	Structure and functions of animal and plant tissues .	<ul style="list-style-type: none"> <li>• Demonstration</li> <li>• - discussion through examples from life , lecture method, Question answer through open ended situations .</li> </ul>	Students will be able to - *Classify and compare various types of plant tissues as meristimatic and permanent tissues *Classify meristimatic tissue as-apical/intercalary and lateral on the basis of location and represent using diagrams.	<ul style="list-style-type: none"> <li>*Written test</li> <li>*Lab activity</li> <li>* Group Discussion</li> </ul>	<ul style="list-style-type: none"> <li>*Critical thinking will be developed through open ended questions and to differentiate between different tissues.</li> <li>*Reasoning and analytical skills to corelate structure and function of tissue.</li> </ul>

	Chemistry	CHAPTER-2	<p>Is matter around us pure</p> <p>Colloid</p> <p>Changes as physical and chemical</p> <p>Separation Techniques</p>	<p>Students will be able to understand-</p> <p>properties and examples</p> <p>physical and chemical changes</p> <p>Principles and applications</p>	<p>Problem solving</p> <p>Explanation</p> <p>Demonstration</p> <p>Experiential Learning</p> <p>Subject enrichment activities</p> <p>PPT, PDF</p> <p>Questionnaire</p>	<p>Students will be able to-</p> <p>-Differentiate between mixture and compound</p> <p>-properties of colloid</p> <p>-Differentiate between physical and chemical change</p> <p>-demonstrate physical and chemical changes with examples</p> <p>-Explain the techniques for separation of mixtures.</p>	<p>1.Practice of MCQs through assignment.</p> <p>2. Practice of Assertion/Reason type questions.</p> <p>3. Practice of PBQs.</p> <p>4.Ncert questions</p> <p>5.Questions from reference book.</p> <p>6.Worksheet</p>	<p>Students will be able to-</p> <p>-Apply the knowledge of various separation techniques in daily life situations.</p> <p>-develop scientific temperament and inquisitiveness.</p>
# science ( Physics)	Chapter - 08	# Force and laws of Motion.	<ol style="list-style-type: none"> <li>Force and inertia.</li> <li>Newton's law of inertia and other two laws of Motion.</li> <li>Momentum.</li> </ol>	<p>students will be able to understand various terms related o force like inertia and Momentum.</p>	<ol style="list-style-type: none"> <li>Recapitulation of the facts and information</li> <li>Lecture method</li> <li>Explanations on topics with diagrams</li> <li>Discussions on Concepts</li> <li>Activities in Lab</li> </ol> <p>EXPERIMENTS -</p> <p>Establishing the relation between the loss in weight of a solid when fully immersed in a tap</p>	<p>Students were able to understand the various terms like a force , inertia and Momentum.</p>	<p>Assignment of Numericals on the basis of discussed topics.</p> <p>NCERT questions and Numerical, conceptual questions, MCQs&amp; Assessment Reasoning Questions on above concepts</p> <p>Class Test /Monthly test (Chapter wise /</p>	<p>Awareness, Analytical Skills, Problem Solving, Observational Skills, Critical Thinking, Creativity, Values Enthusiasm Balance Fairness.</p>



					water b) strongly salty water		Topic wise) Discussion of Scoring Points/ Marking Scheme/ Sample Questions	
	<b>Social Studies</b>	<b>Ch-2 (History)</b>	Socialism in Europe and Russian revolution	<p>*Analyse the situations that led to the rise of Russian and French revolutions.</p> <p>*Analyse the situations that led to the rise of Russian and French revolutions.</p>	<p>Student led seminar to cite the impact of Collaboration and communication rendered by the philosophers and leaders in creating awareness amongst the common people</p> <p>*World café' strategy to evaluate the situations that enabled Lenin's Communism.</p> <p>*Socratic Discussions to Interpret the different ideas of philosophers and leaders that shaped the revolution</p>	<p>*Cite the impact of Collaboration and communication rendered by the philosophers and leaders in creating awareness amongst the common people</p> <p>*Evaluate the situations that enabled Lenin's Communism. Interpret the different ideas of philosophers and leaders that shaped the revolution.</p>	Multiple-choice questions, short answer questions, and essay questions based on the chapter.	Analyses important phases of world history and draws insight to understand the presentday world

		<b>ch-2 (Economics)</b>	People as resource	<p>*Examine the various factors that constitute the quality of population</p> <p>*Analyse the role of government in improving the quality of population.</p> <p>*Examine the factors that contribute to unemployment</p>	<p>Case study on quality of population. (Class room discussion)</p> <p>Collect sources from Newspaper/ Media and present the findings in the form of a collage or an album</p> <p>Neighbourhood survey on employment /employability in neighbourhood, analyse the quality of neighbourhood and present in PPT format.</p>	<p>Analyse and infer the reasons that contribute to the quality of population</p> <p>Enumerate the different schemes of Government in some states and infer on the quality of people there by.</p> <p>Propose solutions to resolve unemployment problem</p>	Multiple-choice questions, short answer questions, and essay questions based on the chapter.	Develops an understanding of the economy of a nation, with specific reference to India.
	<b>A.I.</b>	Unit 2	<p>PART B : Subject Skills</p> <p>UNIT – 2: Data Literacy</p>	students should learn to understand, analyze, and communicate with data effectively	<p>Classroom discussion</p> <p>Powerpoint presentations</p> <p>Visual aids.</p>	learning outcomes include recognizing the importance of data literacy, applying the data literacy process framework, distinguishing between data privacy and security, and identifying potential risks and mitigation strategies	collect different data visualize it and interpret it.	able to identify different data sources, interpret data presented in various formats, and critically evaluate data and result.



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**MONTH: AUGUST**

Month and no. of working days	Subject	Lesson No.	Lesson Name .&Topic	Learning Objective	Pedagogy(Activity &Resources	Learning Outcome	Assessment	Life skills
	English	CH-5, MOMENTS	(CH-5, MOMENTS) The Happy Prince	Understand the themes of compassion, sacrifice, and social justice in the story.	Analyze the characters of the Happy Prince, the swallow, and the poor people in the town.	Students will be able to summarize the story and identify its main themes and symbols.	Evaluate students based on their participation in discussions, role-plays, and debates.	Developing an understanding of social justice and the importance of compassion and sacrifice.
		CH-4, BEEHIVE	(CH-4, BEEHIVE) A truly beautiful mind	Understand the life and achievements of Dr. Albert Einstein. Explore themes of intelligence, curiosity, perseverance, etc.	Analyze Einstein's characteristics, such as his curiosity, determination, and unconventional thinking.	Students will be able to summarize the key events and achievements in Albert Einstein's life.	Multiple-choice questions, short answer questions, and essay questions based on the chapter.	Encouraging a sense of wonder and a desire to explore and learn new things.
		CH-3, BEEHIVE	(CH-3, BEEHIVE) The Little girl	Understand the emotional and psychological aspects of the	Have students create character sketches or profiles	Students will be able to summarize the	Multiple-choice questions, short answer questions,	Understanding and relating to the emotions and experiences of

				story, focusing on the relationship between the little girl and her father.	for the little girl and her father.	story and identify its main themes and character dynamics.	and essay questions	others.
		Integrated Grammar Letter Writing (Formal)	Integrated Grammar Letter Writing (Formal)	This section contains adjectives, adverbs and formal writing	Provide students with templates for various types of formal letters.	Students will be able to write formal letters with appropriate structure, tone, and language.	Evaluate students based on their ability to adhere to the formal letter format and apply correct grammar and punctuation.	Developing skills for effective and professional written communication in various formal contexts.
हिंदी	पाठ -5	वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रमन	वैज्ञानिकों के बारे में जानकारी देना चंद्रशेखर बैकुंठ रमन का चरित्र चित्रण शब्दों का प्रसंगानुकूल अर्थ समझना मौलिकता एवं जीवन मूल्यों की पहचान	स्पष्टीकरण वस्तुनिष्ठ ज्ञान पीपीटी समस्या समाधान श्यामपट्ट कार्य  वैज्ञानिक चेतना के वाहक व रमन के जीवन और उनकी उपलब्धियां को लेकर सामूहिक चर्चा	विज्ञान के बारे में जानकारी एकत्रित करने में सक्षम होंगे	कार्यपत्रक परियोजना कार्य	भावनात्मक सीखने के अवसर, सार्वभौमिक मूल्य चिंतन	

		व्याकरण	वाक्य अर्थ के आधार पर	वाक्य का ज्ञान परिभाषा प्रकार तत्व रूपांतरण	स्पष्टीकरण समस्या समाधान अभ्यास कार्य	व्याकरण का उचित ज्ञान शुद्ध भाषा का ज्ञान और वाक्य को समझने में सक्षम	स्वमूल्यांकन तार्किक सोच परियोजना कार्य	सृजनात्मक क्षमता विभिन्न शैक्षिक प्रणालियों का विश्लेषण
		रचनात्मक लेखन	संवाद	शुद्ध भाषा और विराम चिन्हों का ज्ञान	स्पष्टीकरण	व्याकरण का उचित ज्ञान शुद्ध भाषा का ज्ञान और वाक्य को समझने में सक्षम	रचनात्मक लेखन	क्षमता और प्रेरणा को विकसित करना
	<b>Maths</b>	Chapter -7	<p>Congruence of triangles</p> <p>1. (Motivate) Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence).</p> <p>2. (Prove) Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other</p>	<p>The learners will be able to :</p> <p>1. Define the concept of congruence of different objects and extend it to the congruence of triangles.</p> <p>2. Identify the SAS and ASA congruence criteria.</p>	<p>Inductive Deductive Reasoning, Graphic Organizers, muddiest point discussion</p> <p>Brain Storming-The class would start with a discussion on what the students have already learnt in the previous classes and hence what is it that they would learn now.</p>	<p>The learners will be able to :</p> <p>1. Define the concept of congruence of different objects and extend it to the congruence of triangles.</p> <p>2. Identify the SAS and ASA congruence criteria.</p>	<p>Assignments ,Written test,Oral test, Worksheets</p>	<ul style="list-style-type: none"> <li>Developing connections of different properties of triangles. <ul style="list-style-type: none"> <li>Logical thinking while proving two triangles congruent.</li> <li>Visual and spatial ability to identify the type of congruency being used.</li> <li>Procedural thinking while finding the corresponding sides and angles.</li> <li>Problem solving while doing HOTS based questions</li> </ul> </li> </ul>

			triangle (ASA Congruence).					
	Science	CH - 6	Tissues ( cont.)	<ul style="list-style-type: none"> <li>● Structure and functions of animal tissues .</li> </ul>	<ul style="list-style-type: none"> <li>● Demonstration</li> <li>● - discussion through examples from life , lecture method, Question answer through open ended situations .</li> </ul>	<ul style="list-style-type: none"> <li>*Identify different types of animal tissues-epithelial, connective, muscular and nervous *</li> <li>Classify epithelial tissue on the basis of structure function and location and represent them with diagrams.</li> </ul>	<ul style="list-style-type: none"> <li>*Written test</li> <li>*Lab activity</li> <li>* Group Discussion</li> </ul>	Students will be able to Identify various types of connective tissues in our body and classify on the basis of structure, function and location and represent them with diagrams.
# science ( Physics)	Chapter -08	# Force and laws of Motion. 1. Conservation of Momentum 2. Balanced and unbalanced forces.	students will be able to understand the concept of conservation of momentum and difference between balanced and unbalanced forces.	<ul style="list-style-type: none"> <li>1) Recapitulation of the facts and information</li> <li>2) Lecture method</li> <li>3) Explanations on topics with diagrams</li> <li>4) Discussions on Concepts</li> <li>5) Activities in Lab.</li> </ul>	Students were able to understand the various terms like a conservation of momentum.	<ul style="list-style-type: none"> <li>Assignment of Numericals on the basis of discussed topics.</li> <li>NCERT questions and Numerical, conceptual questions, MCQs&amp; Assessment Reasoning Questions on above concepts</li> <li>Class Test /Monthly test (Chapter wise / Topic wise)</li> </ul>	<ul style="list-style-type: none"> <li>Awareness, Analytical Skills, Problem Solving, Observational Skills, Critical Thinking, Creativity, Values Enthusiasm Balance Fairness.</li> </ul>	

							Discussion of Scoring Points/ Marking Scheme/ Sample Questions	
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	Science chemistry	ch-3	Atoms and molecules	introduction, laws of chemical reactions, Daltons atomic theory, symbols of elements, atomic masses and atomic mass unit	1) Recapitulation of the facts and information 2) Lecture method 3) Explanations on topics with diagrams 4) Discussions on Concepts 5) experiments in Lab.	Students were able to understand the various terms like a conservation of mass, difference between atoms and molecules, Postulate of Dalton atomic theory	Explanation, discussion, lecture method, demonstration	Analytical and critical thinking, will be able to understand about laws by which atoms combine and produce chemical reactions
	<b>Social Studies</b>	<b>ch-2 (Civics)</b>	Constitutional design	<p>Comprehend the purpose of constitution</p> <p>.Enumerate the essential features that need to be kept in mind while drafting any constitution</p> <p>. Examine the guiding values that created the Indian constitution</p> <p>.Comprehend the roles and responsibilities as</p>	<p>Group Discussion to comprehend the purpose of constitution</p> <p>Role play strategy for creation of Indian constitution</p> <p>Declamation strategy for roles and responsibilities of citizens</p>	<p>Analyse the difference between written or unwritten constitutions with reference to India and USA.</p> <p>Describe the situation that led to creation of Indian Constitution.</p> <p>Compare and contrast between Preamble of South African constitution with the preamble of Indian constitution.</p> <p>Enumerate</p>	<p>Poster making/ wall magazine for Comparing and contrasting between Preamble of South African constitution with the preamble of Indian constitution</p>	<p>Understands the Indian Constitution and explores the essence of Indian democracy and the characteristics of a democratic government</p>

				citizens of India.		the roles and responsibilities as citizens of India		
		<b>ch-3 (Civics)</b>	Electoral politics	<p>Comprehend the purpose of constitution</p> <p>.Enumerate the essential features that need to be kept in mind while drafting any constitution</p> <p>.Examine the guiding values that created the Indian constitution</p> <p>. Comprehend the roles and responsibilities as citizens of India.</p>	<p>Group Discussion to comprehend the purpose of constitution</p> <p>Declamation strategy for discussing the roles and responsibilities of citizens.</p>	<p>Analyse the difference between written or unwritten constitutions with reference to India and USA.</p> <p>Describe the situation that led to creation of Indian Constitution.</p> <p>Compare and contrast between Preamble of South African constitution with the preamble of Indian constitution.</p>	<p>Poster making/ wall magazine for Comparing and contrasting between Preamble of South African constitution with the preamble of Indian constitution.</p>	<p>Understands the Indian Constitution and explores the essence of Indian democracy and the characteristics of a democratic government</p>

		<b>ch-3 (Economics)</b>	<b>Poverty as challenge</b>	<p>Understand that poverty is a multifaceted concept inherent in the rural and urban conditions.</p> <ul style="list-style-type: none"> <li>Examine the measures taken by the government to eradicate poverty.</li> </ul>	<p>Declamation with data to evaluate the efficacy of government to eradicate poverty and suggest measures/ ways which can be used to minimise the same.</p> <p>Debate on the topic- 'Can education remove poverty?'</p>	<p>Analyse and infer the reasons of poverty in the rural and urban areas.</p> <p>Evaluate the efficacy of government to eradicate poverty.</p> <p>Compare how poverty estimates have transformed from 1993-94 to 2011-12. Examine the link between education and poverty.</p>	<p>PPT presentation using case study given in NCERT text on the reasons of rural and urban poverty.</p>	<p>Evaluates the economic development of a country in terms of its impact on the lives of its people and nature</p>
		<b>ch-3 (Geography)</b>	<b>Drainage</b>	<p>Justify the statement that the rivers are lifeline of economy with reference to India.</p> <ul style="list-style-type: none"> <li>Examine the information about different lakes and infer on their</li> </ul>	<p>Choice Board strategy where each group to take up one river and focus on the areas they serve and the impact on Economy of that area. Students will prepare a chart on lakes. Slogan writing, poster making/ save River songs/ to bring awareness on water pollution and suggest solutions</p>	<p>Enlist the different rivers, the areas they serve and their impact on the economy of That area.</p> <p>Enumerate the different lakes and describe their contribution to the Indian ecology.</p>	<p>Present creative solutions to overcome the water pollution also to increase the contribution of water bodies to Indian economy.</p>	<p>Develops an understanding of the inter-relationship between human beings and their physical environment and how that influences the livelihoods, culture, and the biodiversity of the region</p>

				contribution to Indian ecology				
	A.I.	Unit 2 unit 4	PART A : Employability Skills  UNIT- 2 : Self-Management Skills  UNIT- 4 : Entrepreneurial Skills	self-management focus on developing the ability to regulate emotions, behaviors, and actions to achieve personal and professional goals	Classroom discussion  Powerpoint presentations  Visual aids.	increased personal and professional effectiveness, enhanced well-being, and improved relationships	Diagram of Self-Management Skills	enable individuals to effectively manage their thoughts, feelings, and actions

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**MONTH: SEPTEMBER**

Month and no. of working days	Subject	Lesson No.	Lesson Name & Topic	Learning Objective	Pedagogy(Activity & Resources	Learning Outcome	Assessment	Life skills
	English	CH-5,BEEHIVE	(CH-5,BEEHIVE) The Snake and the mirror	Understand the narrative structure and themes of the story.	Create a plot diagram to map out the key events of the story, including the introduction, rising action, climax, falling action, and resolution.	Students will be able to summarize the story and identify its key elements.	Evaluate students based on their participation in discussions, role-plays, and creative activities.	Understanding and reflecting on personal reactions to suspenseful and humorous situations.
		CH-7,MOMENTS	(CH-7,MOMENTS) The Last Leaf	Understand the themes of hope, sacrifice, and friendship in the story.	Discuss the symbolism of the last leaf and its significance to Johnsy's will to live. Have students identify and interpret other symbols in the story.	Students will understand the impact of sacrifice and hope on the characters and the overall narrative.	Multiple-choice questions, short answer questions, and essay questions based on the story.	Understanding and relating to the emotions and experiences of others, especially in terms of sacrifice and hope.

		Poem, BEE HIVE	(Poem, BEE HIVE) The lake isle of Innisfree	Analyze and appreciate the themes, imagery, and form of the poem.	Read the poem aloud, focusing on the tone and rhythm. Discuss the imagery, themes, and overall mood of the poem.	They will understand how language and form contribute to the poem's mood and meaning.	Evaluate students based on their engagement in discussions, interpretation of the poem, and creative writing activities.	Understanding and expressing feelings related to peace, tranquility, and escapism.
		CH-6, BEE HIVE	(CH-6, BEE HIVE) My Childhood	Analyze the character development of the young A.P.J. Abdul Kalam and the influences on his childhood.	Analyze the character of young Kalam and his family members. Discuss their traits, values, and the impact they had on Kalam's upbringing.	Students will be able to summarize the chapter and identify its main themes and character developments.	Multiple-choice questions, short answer questions, and essay questions based on the chapter's themes, characters, and events.	Reflecting on personal experiences and their impact on one's values and aspirations.
		Integrated Grammar Letter Writing (Formal)	Integrated Grammar Letter Writing (Formal)	Develop the ability to write clear, concise, and effective formal letters for various purposes. Apply proper grammar, punctuation, and style in formal correspondence.	Provide students with templates for various types of formal letters.	Students will be able to write formal letters with appropriate structure, tone, and language.	Evaluate students based on their ability to adhere to the formal letter format and apply correct grammar and punctuation.	Developing skills for effective and professional written communication in various formal contexts.
हिंदी	पाठ -5	कीचड़ का काव्य	पाठ से संबंधित जानकारी कीचड़ का महत्व मौखिक अभिव्यक्तिबौद्धिक विकाससामाजिक	स्पष्टीकरण पीडीएफ स्क्रीन शेयरिंग	सृजनात्मक एवं मौलिकअभिव्यक्ति को प्रोत्साहन संस्कृति का ज्ञान उत्सुकता आश्चर्य के भाव जगाना	तार्किक सोच, पाठ्य चर्चा एकीकरण	जीवन कौशल आलोचनात्मक सोच संचार संप्रेषण कौशल	

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	कविता-3	गीत अगीत	कविता के विषय और अर्थ में सक्षम प्रकृति के प्रति प्रेम पशु पक्षियों का अटूट संबंध को उजागर करना	स्पष्टीकरण पीपीटी श्यामपट्ट कार्य समस्या समाधान	छात्रा कविता के विषय और अर्थ को समझने में सक्षम कविता को उचित स्वार्थ और छंद के साथ पढ़ना, शब्दावली को मजबूत करना कविता में रुचि विकसित करना	तार्किक सोच रचनात्मक लेख परियोजना कार्य अवलोकन	सृजनात्मक क्षमता कौतूहल व जिज्ञासा
	व्याकरण	उपसर्ग/ प्रत्यय	उपसर्ग प्रत्यय की परिभाषा शुद्ध भाषा का ज्ञान प्रकार	स्पष्टीकरण अपनी इच्छा अनुसार किन्हीं 10 उपसर्गों का प्रयोग कर तीन-तीन नए शब्द बनाइए	उचित भाषा का ज्ञान उपसर्ग और प्रत्यय समझने में सक्षम	कार्यपत्रक	विभिन्न शैक्षिक प्रणालियों का विश्लेषण



	<p><b>Maths</b></p>	<p>Chapter 8</p>	<p>Quadrilaterals  1. (Prove) The diagonal divides a parallelogram into two congruent triangles.  2. (Motivate) In a parallelogram opposite sides are equal, and conversely.  3. (Motivate) In a parallelogram opposite angles are equal, and conversely.  4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal.  5. (Motivate) In a parallelogram, the diagonals bisect each other and conversely.  6. (Motivate) In a triangle, the line</p>	<p>Students will know in detail about the properties of quadrilaterals, will know how to prove a given parallelogram, a rectangle, rhombus or square. Students will verify midpoint theorem through lab activity thereby incorporating competencies like collaboration, critical thinking.</p>	<p><b>Brainstorming</b> The class would start with a discussion on what the students have already learnt in the previous classes and hence what is it that they would learn now. They would also be told the significance of the topic that they would be studying.</p> <p>Inductive reasoning and Deductive reasoning and graphic organizers, circle the sage, jigsaw, four corners</p>	<p>Students will know and understand  1. Properties of quadrilaterals  2. Criteria for proving parallelogram to a rectangle, square and rhombus.  3. Midpoint theorem and its applications.</p>	<ol style="list-style-type: none"> <li>1. Written test</li> <li>2. Lab activity</li> <li>3. HW notebook</li> <li>4. Assignments</li> <li>5. Worksheets</li> </ol>	<p>Students would be able to</p> <ol style="list-style-type: none"> <li>1. Identify the criteria needed to prove a given quadrilateral a parallelogram, square, rectangle and rhombus.</li> <li>2. Prove the midpoint theorem</li> <li>3. Use the midpoint theorem to prove parallelogram</li> <li>4. Verify midpoint theorem through paper cutting and pasting method.</li> </ol>
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			segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse					
		Chapter -9-Circles	<p><b>CIRCLES</b></p> <p>1.(Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse.</p> <p>2.(Motivate) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord.</p> <p>3. (Motivate) Equal chords of a circle (or of congruent</p>	<p>The learners will be able to :</p> <p>Apply the theorem practically that equal chords are equidistant from the centre and vice-versa</p> <p>2.The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord</p> <p>3. Prove that Angle subtended by an arc at</p>	<p><b>Inductive Reasoning, Graphic Organizers, Think, pair and share, muddiest point discussion</b></p> <p><b>Resources used: Chalk, blackboard, duster, NCERT Text Book</b></p>	<p>The learners will be able to :</p> <p>Apply the theorem practically that equal chords are equidistant from the centre and vice-versa</p> <p>2.The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect</p>	<p>Peer discussion will be done. Teacher will assess the children randomly and also through student teacher interaction</p> <p>Written test</p> <ul style="list-style-type: none"> <li>. Lab activity</li> <li>. Group Discussion</li> <li>HW notebook.</li> </ul>	<p>Logical Thinking, Mathematical Skills. Computational Skills and Thinking skills while proving different statements. Representation Skill while drawing the figure as per the requirement of the question.</p>

circles) are equidistant from the center (or their respective centers) and conversely.  
4.(Prove) The angle subtended by an arc at the center is double the angle subtended by it at any point on the remaining part of the circle.  
5.(Motivate) Angles in the same segment of a circle are equal.  
6.(Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a

the centre is double the angle subtended by it at any point on the remaining part of the circle.

a chord is perpendicular to the chord  
3. Prove that Angle subtended by an arc at the centre is double the angle subtended by it at any point on the remaining part of the circle.

			circle. 7.(Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is $180^\circ$ and its converse.					
Science Biology	CH- 12	Improvement in food resources	<p>*Importance of food for our body *Need of improving food resources in India. *Concept of sustainable development .</p> <p>*Need of irrigation facilities in India.</p> <p>*Comparison of traditional and modern methods of irrigation in India. *Identify various cropping patterns and compare mixed cropping and intercropping</p> <p>*Discuss and Enlist the advantages of various cropping patterns.</p>	<p>● Demonstration</p> <p>● - discussion through examples from life , lecture method, Question answer through open ended situations .</p>	<p>Students will be able to-</p> <p>*Identify the importance of food products.</p> <p>*Compare Kharif and Rabi crops on the basis of their climatic conditions, temperature and photoperiods for their growth. *</p> <p>Acknowledge improvement in food resources through crop variety improvement, management</p>	<p>* Peer discussion will be done. Teacher will assess the children randomly and also through student teacher interaction.</p> <p>*Written test</p> <p>* Lab activity</p> <p>* Group Discussion</p>	<p>*Critical thinking will be developed through open ended questions with respect to the management of crops.</p>	

						ent of crop production and managem ent of crop protection.		
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	# science (Physics)	Chapter -09	<b>Gravitation</b> 1. Universal law of gravitation. 2. Free Fall. 3. Mass and weight.	students will be able to understand the concept of gravitation, gravity and free fall.	1)Recapitulation of the facts and information 2) Lecture method 3) Explanations on topics with diagrams 4) Discussions on Concepts 5) Activities in Lab.	Students were able to understand the basic difference between gravitation and gravity. Also they are able to know what is free fall.	Assignment of discussed topic in the class.  NCERT questions and Numerical, conceptual questions, MCQs& Assessment Reasoning Questions on above concepts  Class Test /Monthly test (Chapter wise / Topic wise) Discussion of Scoring Points/ Marking Scheme/ Sample Questions
	Science Chemistry	Ch-3	Atoms and molecules Concept of valency, mass no., formation of compounds	Students will be able to understand the concept of valency and formation of chemical compounds	Explanation Discussion Demonstrations	Student will learn to find the valency of elements and will be able to formulate the compounds by their own.	NCERT questions and Numerical, conceptual question, class test, Revision
	<b>Social Studies</b>	<b>ch-3 (History)</b>	<b>Nazism and rise of Hitler</b>	Watch Video clipping from the last days of Adolf Hitler and discuss the reasons for rise and fall of Hitler Dramatize the Nazi Propaganda/ racial discrimination against Jews  Cartoon	Cite the events that helped Hitler's rise to power Evaluate various character traits of Hitler  Compare and contrast the characteristics of Bismarck	discussion will be done. Teacher will assess the children randomly and also through student teacher interaction. *Written test  .* Group	Analyses important phases of world history and draws insight to understand the presentday world

				<p>interpretation/ Image interpretation Read passages from "Dairy of Anne frank "and other related literature and discuss the impact of Nazism</p> <p>Jig saw strategy to critique the genocidal war waged against Jews by the Nazis</p>	<p>and Hitler</p> <p>Analyse the role of "Treaty of Versailles in the rise of Nazism and Hitler Critique the genocidal war waged against Jews by the Nazis.</p>	<p>Discussio</p>	
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		<b>ch-4 (Geography)</b>	Climate	<p>Collect and Read the Weather reports and have a class room discussion to conclude about the factors controlling climate</p> <p>Watch videos and summarize the findings</p> <p>Use Mind map/ graphic organizers to Enumerate and summarize the reasons for the wide difference between the day and night temperatures at different geographical locations of India Read Newspapers, prepare and</p>	<p>Infer how the factors determine the climate of India.</p> <p>Analyse and infer the effect of monsoon winds on rainfall of the Indian subcontinent.</p> <p>Analyse the temperatures between plateau region, Himalayan region, desert region and coastal region. Enumerate and summarize the reasons for the</p>	<p>discussion will be done. Teacher will assess the children randomly and also through student teacher interaction. *Written test</p> <p>. * Group Discussion</p>	<p>Develops an understanding of the inter-relationship between human beings and their physical environment and how that influences the livelihoods, culture, and the biodiversity of the region</p>

present mock drills  
on protocols as  
preventive action  
for various  
disasters

wide difference  
between  
temperatures  
at different  
geographical  
locations of  
India Propose  
protocols as  
preventive  
action for  
various  
disasters



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**ch-4  
(Economics)**

Food security in India

Case study and group discussion to substantiate the link between a wellstructured food security system and continuity of supply to masses.

Invite relevant Govt. officials to speak on FSI & PDS.

Panel discussion/ seminar on the impact of the green revolution and PDS.

Enumerate various aspects of food security that will ensure continuity of supply to the masses.

Examine, analyse and infer various sources of data that point to the rationale of FSI

Enumerate different features of PDS that directly address FSI. Analyse and infer the impact of Green revolution in strengthening the PDS.

Concept maps explaining the causes behind the famines in the colonial period and the causes and impact of recurring disasters on food security in post independent India through examples.

Evaluates the economic development of a country in terms of its impact on the lives of its people and nature.

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	A.I.	REVISION for Half Yearly Exam	REVISION for Half Yearly Exam	REVISION for Half Yearly Exam	REVISION for Half Yearly Exam	REVISION for Half Yearly Exam	REVISION for Half Yearly Exam

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**MONTH: OCTOBER**

Month and no. of working days	Subject	Lesson No.	Lesson Name & Topic	Learning Objective	Pedagogy(Activity & Resources	Learning Outcome	Assessment	Life skills
	English	CH-8,MOMENTS	(CH-8,MOMENTS) A house is not a home	Understand the themes of resilience, adaptation, and the difference between a house and a home.	Create a comparison chart to distinguish between a house and a home. Discuss examples from the story and students' own lives.	They will understand the emotional and psychological aspects of resilience and the concept of home.	Assess the creativity and depth of students' short stories, essays, and character analyses.	Understanding and relating to the emotional experiences of others, especially in times of change and loss.
		CH-10,MOMENTS	(CH-10,MOMENTS) The beggar	Understand the themes of compassion, redemption, and the transformative power of	Ask students to write a reflection on a time when they witnessed or experienced an act of kindness that had a lasting impact.	They will understand the impact of compassion and kindness on personal	Multiple-choice questions, short answer questions, and essay questions based on the chapter's themes, characters, and events.	Analyzing the impact of actions and motivations on personal transformation.

				kindness.		transformation and redemption.		
	Integrated Grammar Analytical Paragraph	Integrated Grammar Analytical Paragraph	Improve students' understanding of grammar rules and their application in writing and speaking.	Present students with various topics for analysis. Topics can include data interpretation, literary analysis, or current events.	Students will be able to apply grammar rules accurately in writing and speaking.	Assess the accuracy of grammar usage in sentences and evaluate the clarity, structure, and effectiveness of students' analytical paragraphs.	Developing the ability to analyze and interpret information.	
हिंदी	पाठ -6	शक्र तारे के समान	गांधी जी के निजी सचिव महादेव की बेजोड़ प्रतिभा दिनचर्या को उकरना	स्पष्टीकरण समाधान समस्या पीपीटी स्क्रीन शेयरिंग	महादेव की सरलता सज्जनता निष्ठा समर्पण व ईमानदारी को जानने में सक्षम	संवर्धन गतिविधि परियोजना कार्य वस्तुनिष्ठ ज्ञान तार्किक सोच	विभिन्न शैक्षिक प्रणालियों का विश्लेषण और तुलना करना	

	संचयन	पाठ -2	स्मृति	बाल्यावस्था की घटना का सचिव चित्रण साहित्यिक परंपराओं के परिप्रेक्ष्य में मल्यांकन मौलिकता एवं जीवन मूल्यों को पहचाना	स्पष्टीकरण पीडीएफ स्क्रीन शेयरिंग, वीडियो  अपने बचपन की कोई एक यादगार घटना को A4 साइज शीट पर अंकित करें	कहानी के प्रति रुचि उत्पन्न करना अभी रुचियां का विकास करना परिस्थितियों कम डट म्काबला करना	परियोजना कार्य पत्रक वस्तुनिष्ठ प्रश्न कक्षा परीक्षा	साहित्यिक स्वतंत्र जीवन पारस्परिक और सामाजिक कौशल क्षमताओं और प्रेरणाओं को विकसित करना
		व्याकरण	स्वर संधि	भाषा का संपूर्ण ज्ञान शुद्ध उच्चारण शैली स्वर संधि के प्रकार परिभाषा	स्पष्टीकरण श्यामपट्ट कार्य समस्या समाधान पीपीटी	छात्र स्वर संधि के बारे में जानकारी ग्रहण करने में सक्षम	परियोजना कार्य कार्य पत्रक	जीवन कौशल आलोचनात्मक सोच सार्वभौमिक मूल्य चिंतन सीखने के अवसर

	<p><b>Maths</b></p>	<p>Chapter -10</p>	<p><b>Heron's formula</b> Area of a triangle using Heron's formula (without proof)</p>	<p>Students would be able to learn to find the area of triangle when the sides of the triangle are given, to find the area of quadrilateral by dividing them into two triangles by using <b>critical thinking and creative approach</b> of analyzing the given shapes.</p>	<p><b>Brainstorming-</b> The class would start with a discussion on what the students have already learnt in the previous classes and hence what is it that they would learn now. They would also be told the significance of the topic that they would be studying</p> <p>Inductive Deductive Reasoning, Graphic Organizers, Think, pair and share, muddiest point discussion</p> <p><b>Techniques to be used:</b> Quiz Daily Practice Problem MCQ Peer Assessment Case Studies Lab Activities</p> <p>Graphic Organizers, Inductive deductive</p>	<p>Students will know and understand</p> <ol style="list-style-type: none"> <li>1. The formula for calculating area of an equilateral triangle, right angled triangle.</li> <li>2. How to use Heron's formula for calculation the area of a triangle whose all the three sides are given.</li> <li>3. How to calculate the area of a quadrilateral by dividing it into two triangles.</li> </ol>	<p>worksheets, Oral tests, Written test, quiz, Assignments</p>	<ol style="list-style-type: none"> <li>1. Find the area of the given triangles easily by using the learnt formulas.</li> <li>2. Use Heron's formula efficiently and thus would be able to find the area of a triangle whose three sides would be given.</li> <li>3. Apply Heron's formula in solving day to day real life problems by critical thinking and will be able to analyse the division of shapes into triangular portions.</li> </ol>
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		Chapter 11	Surface areas and volumes of spheres (including hemispheres) and right circular cones.	Students would be able to find surface area of cube and cuboid, surface area of a right circular cylinder, surface area of a right circular cone, surface area of a sphere, volume of cuboid, volume of cylinder, volume of right circular cone, <b>volume of sphere, volume of hemisphere, thereby inculcating competencies like</b> collaboration, critical thinking and creativity	reasoning, think pair share, Muddiest point discussion <b>Techniques to be used: Quiz Daily Practice Problem MCQ Peer Assessment Case Studies Lab Activities</b>	Students will develop the ability to understand and find 1. Total surface area and curved surface area of solid shapes. 2. Volume of solid shapes	Peer discussion will be done. Teacher will assess the children randomly and also through student teacher interaction.	Observational and identification skill while identifying the surfaces, edges and vertices of 3- D shapes. Numeracy and calculation skills while calculating surface area. Procedural thinking while doing questions. Developing connections between LSA and TSA Visual and spatial ability Analytical thinking and problem solving. Find the area and perimeter of base of square, rectangle, parallelogram, triangle and circle. 2. Solve questions based on the topics like area and volume of solid figures. 3. Use analytical skills
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								to visualize the given scenario and use the concepts learnt in everyday problems. 4. Use synthetic skills to solve problems.
	Science	CH- 12	Improvement in food resources . ( cont.)	*Identify various cropping patterns and compare mixed cropping and intercropping *Discuss and Enlist the advantages of various cropping patterns.	<ul style="list-style-type: none"> <li>• Demonstration</li> <li>• - discussion through examples from life , lecture method, Question answer through open ended situations .</li> </ul>	Students will be able to- *Identify the importance of food products. *Compare Kharif and Rabi crops on the basis of their climatic conditions, temperature and photoperiods for their growth. * Acknowledge improvement in food resources through crop variety improvement, management of crop production and	Food product / exotic and indigenous varieties / feeding / management / breeding / protection / any special development in technology in recent years The students would be presenting their findings on a mindmap and any two individuals from each group would summarize the entire content in front of the whole class.	*Critical thinking will be developed through open ended questions with respect to the management of crops.



	# science ( Physics)	Chapter -09	Gravitation 1. Acceleration due to gravity 2. Concept of thrust and pressure.	Students will be able to use the concept of Free fall in numericals problems.  They will be able to find the use of thrust and pressure.	1)Recapitulation of the facts and information  2) Lecture method  3) Explanations on topics with diagrams  4) Discussions on Concepts  5) Activities in Lab.	managem ent of crop protection.  Students were able to understand the concept of Free fall and they were excited to know further.	Assignment of discussed topic in the class.  NCERT questions and Numerical, conceptual questions, MCQs& Assessment Reasoning Questions on above concepts  Class Test /Monthly test (Chapter wise / Topic wise) Discussion of Scoring Points/ Marking Scheme/ Sample Questions	Critical thinking will be developed through open ended questions On the basis of discussed topics.
		Chapter -10	Work, Energy and Power 1. Introduction of work and types of work.	Students will be able to understand what is work and types of same.  They will be able to know what is kinetic energy and potential energy.				

	<p>Science Chemistry</p>	<p>Ch-4 Structure of an atom</p>	<p>2. Different types of energy like kinetic energy and potential energy.</p> <p>Atomic model's, electronic configuration, concept of finding electrons, protons and neutrons, isotopes and Isobars</p>	<p>Student will be able to know how the subatomic particles and atoms came into existence. They will also understand about isotopes and isobars</p>	<p>Discussion of the concept, lecture method, explanation, ppt, screen sharing</p>	<p>Students were interested in knowing the concept of discoveries of subatomic particles</p>	<p>NCERT questions and Numerical, conceptual questions, MCQs&amp; Assessment Reasoning Questions on above concert's</p>	<p>Critical thinking will be developed through open ended questions On the basis of discussed topics.</p>
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	Social Studies	ch-5 (Geography)	Population	Examine the reasons behind the uneven distribution of population in India with specification to UP & Rajasthan and Mizoram and Karnataka.	Research based learning/ art integration strategy (4 grid analysis) to analyse and infer the reasons behind the uneven distribution of population in India with specification to UP & Rajasthan and Mizoram and Karnataka	Analyse and infer the reasons behind the uneven distribution of population in India with specification to UP & Rajasthan and Mizoram and Karnataka. Enlist the factors that affect the population density.	Peer discussion will be done. Teacher will assess the children randomly and also through student teacher interaction.	Develops an understanding of the inter-relationship between human beings and their physical environment and how that influences the livelihoods, culture, and the biodiversity of the region
		ch-4 (History)	Pastoralists in India	Analyse the situations that have created Nomadic society • Draw comparisons of African pastoralists and Indian Pastoralists during colonial rule. • Examine the how the colonial laws impacted livelihood in pastoral	Locate the various pastoral communities on an outline map of India and explain cyclical movements of these according to climatic conditions.  Audio Visual aids like documentaries on the various pastoral	Compare and contrast the lives of Pastoralists pre & post colonialism Analyse the situations that have created Nomadic society  Compare and contrast the lives and the reasons for poverty of pastoral nomads of India with African Pastoral	Art integration to depict the evolution of nomadic society	Develops an understanding of the inter-relationship between human beings and their physical environment and how that influences the livelihoods, cultural diversity, and biodiversity of the region

				<p>communities</p> <ul style="list-style-type: none"> <li>Appraise the contribution of Pastoralists in the modern economy</li> </ul>		<p>Nomadic tribes. Analyse and infer varying patterns of developments within pastoral societies in different places in India.</p>		
		<b>Ch-4 (Civics)</b>	Working of institutions	<p>Examine the roles, responsibilities and interdependency of all the 3 organs of the Government.</p> <p>Examine the rule of law in India and its relevance</p> <p>Understand the power and working of Indian Judiciary system and comprehend the hierarchy</p>	<p>Watch videos of Parliament and discuss the importance of question hour</p> <p>Present Moot court to evaluate the rule of Law</p> <p>Examine the relevant case studies to evaluate the rule of law</p> <p>Present Mock Parliament session to convert a bill into law</p> <p>Conduct a mock interview with a parliamentarian</p> <p>Role play on features of the political and permanent executive</p>	<p>Analyse and infer how the three organs are interdependent and independent to execute their roles</p> <p>Summarize and evaluate the rule of law in India.</p> <p>Represent the role of Parliament and its procedures. Distinguish between political and permanent executive authorities and functions.</p> <p>Understand</p>	Peer discussion will be done. Teacher will assess the children randomly and also through student teacher interaction.	Understands the Indian Constitution and explores the essence of Indian democracy and the characteristics of a democratic government

				system of the judiciary in India.		the parliamentary system of executive's accountability to the legislature. Understand the working of Indian Judiciary.		
	<b>A.I.</b>	Unit 5	PART B : Subject Skills  · UNIT – 5: Introduction to Python	Python programs is to gain proficiency in using Python to solve computational problems, develop applications, and understand fundamental programming concepts.	Classroom discussion  Powerpoint presentations  Visual aids.	Students gain the ability to write basic programs, understand fundamental concepts like variables and loops, and handle file operations	Programs related to Python.	

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**MONTH: NOVEMBER**

Month and no. of working days	Subject	Lesson No.	Lesson Name & Topic	Learning Objective	Pedagogy(Activity & Resources	Learning Outcome	Assessment	Life skills
	English	Poem	(Poem, BEEHIVE) No men are foreign	Understand the themes of universal brotherhood, equality, and peace.	Explore the themes of the poem, including the unity of humanity, the futility of war, and the commonalities among people regardless of nationality.	Students will be able to identify and analyze the key themes and literary devices in the poem.	Evaluate students based on their engagement in discussions, literary devices analysis, and theme exploration activities.	Understanding and relating to the experiences and emotions of others, particularly in the context of global unity and peace.
		Poem	(Poem, BEEHIVE) A legend of Northland	Analyze the poet's use of storytelling and literary devices to deliver the message.	Explore the moral lesson of the poem, focusing on themes of greed, generosity, and compassion.	Students will be able to identify and analyze the key themes and literary devices in the poem.	Multiple-choice questions, short answer questions, and essay questions based on the poem's themes, literary devices, and narrative structure.	Understanding and relating to the experiences and emotions of others, particularly in the context of moral lessons and cultural stories.



	हिंदी	कविता -4	अग्निपथ	कविता के विषय और अर्थ में सक्षम अग्निपथ संघर्षमय जीवन के बारे में, सफलतापूर्वक जीवन काव्य का शुद्ध उच्चारण के साथ स्वर वाचन	स्पष्टीकरण पीपीटी श्यामपट्ट कार्य पीडीएफ स्क्रीन शेयरिंग  कविता अग्निपथ पर चर्चा करते हुए विद्यार्थियों का जीवन और संघर्ष के विषय में समझाते हुए उन्हें अनुच्छेद लिखने के लिए प्रोत्साहित	छात्रा कविता के विषय और अर्थ को समझने में सक्षम कविता का उचित स्वर और छंद के साथ पढ़ना कविता में रुचि विकसित करना शब्दावली का मजबूत बनना	आलोचनात्मक सोच सीखने के अवसर मूल्यों को सुदृढ़ करना क्षमताओं और प्रेरणा को विकसित करना	
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		कविता -5	नए इलाके में खुशबू रचते हैं हाथ	व्याख्यान विधि कविता का उद्देश्य महत्व मजदूर वर्ग की दैनिक स्थिति, वर्तमान प्रस्तुति का बदलता स्वरूप	स्पष्टीकरण पीपीटी स्क्रीन शेरिंग वीडियो प्रोजेक्टर  कविता को कंठस्थ करके कक्षा में सुनना	छात्रा कविता के विषय और अर्थ को समझने में सक्षम कविता का उचित स्वर और छंद के साथ पढ़ना मजदूर वर्ग की दयनीय दशा से अवगत होना सुधार के लिए प्रेरित करना	परियोजना कार्य कार्य पत्रक	क्षमता और प्रेरणाओं को विकसित करना सीखने के अवसर जीवन कौशल
		व्याकरण	संदेश लेखन	संदेश लेखन की विशेषताएं समझते हुए उचित प्रारूप में सीखना, शुद्ध भाषा का ज्ञान	स्पष्टीकरण	रचनात्मक एवं कल्पना शक्ति का विकास अर्थ ग्रहण करने की योग्यता	रचनात्मक कक्षा परीक्षा भाषा प्रतियोगिता	विभिन्न शैक्षिक प्रणालियों का विश्लेषण सृजनात्मक क्षमता

	<p><b>Maths</b></p>	<p>Chapter 12</p>	<p><b>STATISTICS</b> Bar graphs, histograms (with varying base lengths), and frequency polygons.</p>	<p>Students would be able to identify the various types of Measures of Central Tendency, their application and calculation. Students would be also be able to make cumulative frequency curves (ogive), thereby inculcating competencies like collaboration, critical thinking</p>	<p><b>Inductive and deductive reasoning, Brainstorming, graphic organizer, think pair and share Inquiry Based Learning</b></p> <p><b>Think Pair and Share:</b> In this activity, students think about a particular question individually, then they form pairs to discuss their answers. Following this, the results are shared in a large classroom discussion. Alternatively, two pairs of students can pair up to compare and discuss answers. This process forces students to think individually, and then allows them to analyze and</p>	<p>Students will know and understand</p> <ol style="list-style-type: none"> <li>1. Various types of Measures of Central Tendency.</li> <li>2. Different methods to calculate them.</li> <li>3. Identification and application of suitable method for easy calculations.</li> <li>4. Identification of the given type of frequency distribution and its corresponding curve.</li> </ol>	<p>Assignments ,Worksheets,HOTS,PYQ S,Oral tests,Written tests</p>	<ol style="list-style-type: none"> <li>1) Observational skill while classifying data</li> <li>2) Critical thinking</li> <li>3) Procedural thinking</li> <li>4) Communicating using mathematical terminology</li> <li>5) Visual and spatial ability</li> <li>6) Strategic</li> </ol>
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clarify their  
response  
collaboratively.i

Thinking  
7) Classify data as per the requirement of the situation .  
8). Use the given data to interpret the required statistical concept, creatively and critically.  
9) Solve complex questions based on

								the topics 10). Use analytical skills to visualize the given scenario and use the concepts learnt in every day problems., . Use critical thinking to solve problems
Science Physics	Chapter - 10	Work Energy and Power.  Work Energy theorem and conservation of energy.	Students will be able to identify the various types of numericals on the basis of work energy and theorem and conservation	<ol style="list-style-type: none"> <li>1)Recapitulation of the facts and information</li> <li>2) Lecture method</li> <li>3) Explanations on topics with diagrams</li> </ol>	Students were able to understand what We discussed in the class.	Assignment of discussed topic in the class.  NCERT questions and Numerical, conceptual questions, MCQs& Assessment Reasoning Questions on above concepts	Critical thinking will be developed through open	

<p>Science Chemistry</p>	<p>Chapter -11</p>	<p># Sound – Propagation, nature and characteristics of sound waves, Reflections of sound waves, Echo, loudness range of hearing and frequency of sound.</p>	<p>Students will be able to take knowledge about mentioned topics.</p>	<p>of energy.</p>	<p>4) Discussions on Concepts 5) Activities in Lab.</p> <p>1)Recapitulation of the facts and information 2) Lecture method 3) Explanations on topics with diagrams 4) Discussions on Concepts 5) Activities in Lab.</p> <p><b>Experiments-</b> To determine the velocity of pulse propagated through a stretched string.</p>	<p>Students are so excited after class and they were able to know about different points of sound.</p>	<p>Class Test /Monthly test (Chapter wise / Topic wise) Discussion of Scoring Points/ Marking Scheme/ Sample Questions</p> <p>Assignment of discussed topic in the class.</p> <p>NCERT questions and Numerical, conceptual questions, MCQs&amp; Assessment Reasoning Questions on above concepts</p> <p>Class Test /Monthly test (Chapter wise / Topic wise) Discussion of Scoring Points/ Marking Scheme/ Sample Questions</p>	<p>ended questions On the basis of discussed topics.</p> <p>Awareness, Analytical Skills, Problem Solving, Observational Skills, Critical Thinking, Creativity, Values Enthusiasm Balance Fairness.</p>
	<p>Revision of full syllabus</p>							

	<b>Social Studies</b>	<b>ch-5 (Civics)</b>	Democratic rights	<p>*Comprehend what it is to be a responsible citizen while performing their prescribed duties versus claiming rights</p> <ul style="list-style-type: none"> <li>• Evaluate the role of rights in Democracy.</li> </ul>	<p>Debate the need to have rights in the light of study of Saudi Arabia.</p> <p>Case study to analyse the role of citizens when the rights are exercised or otherwise.</p> <p>Organize a moot court to discuss the violation of individual rights. Graphic organizer to summarize the coexistence of rights vs duties.</p>	<p>Debate the need to have rights in the light of study of Saudi Arabia. Case study to analyse the role of citizens when the rights are exercised or otherwise. 6 thinking hats to discuss the current issues.</p>	<p>Organize a moot court to discuss the violation of individual rights.</p> <p>Graphic organizer to summarize the coexistence of rights vs duties</p>	<p>Understands the Indian Constitution and explores the essence of Indian democracy and the characteristics of a democratic government</p>

	<b>A.I.</b>	Unit 3	<p>PART B : Subject Skills</p> <p>UNIT – 3: Math for AI (Statistics &amp; Probability)</p>	<p>Key objectives include understanding linear algebra for data representation, calculus for optimization, and probability &amp; statistics for handling uncertainty and making predictions</p>	<p>Classroom discussion</p> <p>Powerpoint presentations</p> <p>Visual aids.</p>	<p>focuses on providing students with the foundational knowledge and skills needed to understand and develop AI models</p>	<p>life skills crucial for Artificial Intelligence (AI) by enhancing problem-solving, analytical thinking, and critical reasoning</p>
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**MONTH: DECEMBER**

Month and no. of working days	Subject	Lesson No.	Lesson Name & Topic	Learning Objective	Pedagogy(Activity & Resources	Learning Outcome	Assessment	Life skills
	English		(CH-10, BEEHIVE) Kathmandu	Explore the cultural, historical, and geographical significance of Kathmandu.	Encourage students to create travel brochures or posters about Kathmandu, incorporating their research on the city's culture, history, and geography.	Students will be able to identify and analyze the descriptive writing techniques used in the chapter.	Multiple-choice questions, short answer questions, and essay questions based on the chapter's content, descriptive techniques, and cultural references.	Understanding and appreciating the cultural diversity and historical significance of different places.
			(CH-11, BEEHIVE) If I were you	Understand the themes of wit, intelligence, and self-assuredness in the face of danger.	Read the play aloud, assigning roles to students for an engaging reading experience. Discuss the initial impressions and the setup of the plot.	Students will be able to identify and analyze the key themes, characters, and dialogue in the play.	Assess the creativity and depth of students' role-playing performances and reflections on the play's themes.	Learning strategies for quick thinking and creative problem-solving in challenging situations.



		Integrated Grammar Analytical Paragraph	Integrated Grammar Analytical Paragraph	Improve students' understanding of grammar rules and their application in writing and speaking.	Present students with various topics for analysis. Topics can include data interpretation , literary analysis, or current events.	Students will be able to apply grammar rules accurately in writing and speaking.	Assess the accuracy of grammar usage in sentences and evaluate the clarity, structure, and effectiveness of students' analytical paragraphs.	Developing the ability to analyze and interpret information.
	हिंदी	पाठ्यक्रम	संपूर्ण पाठ्यक्रम की पुनरावृत्ति	अनुच्छेद लेखन पत्र लेखन सभी चरणों को क्रमबद्ध तरीके से समझना	स्पष्टीकरण पीपीटी समस्या समाधान व्याख्यान विधि यह	रचनात्मक कल्पना शक्ति का विकास	कार्य पत्रक	सीखने के अवसर क्षमताओं और प्रेरणाओं को विकसित करना

		कविता	संपूर्ण कविता की पुनरावृत्ति	दोहराई	स्पष्टीकरण	ज्ञान का परीक्षण कल्पना शक्ति का विकास भाषा की शुद्धता का विकास रचनात्मक का विकास	मूल्यांकन सहकर्मी समीक्षा अवलोकन	विभिन्न शैक्षिक प्रणालियों का विश्लेषण
		व्याकरण	चित्र वर्णन अनुच्छेद लेखन पत्र लेखन अपठित बौद्ध / गद्यांश	चित्र के माध्यम से समझना संकेत बिंदुओं को स्पष्ट करना पत्र के स्वरूप को समझना अपठित गद्यांश को हल करना	स्पष्टीकरण  बढ़ते प्रदूषण संबंधी दो मित्रों के बीच संवाद कक्षा कक्ष में आयोजित करें	रचनात्मक व कल्पना शक्ति का विकास	कार्यपत्रक	सृजनात्मक शक्ति कल्पना शक्ति विश्लेषणात्मक साहित्यिक कौशल
	Maths			REVISION				

	# Science ( Physics)	Revision	Revision	•	Revision		Revision	
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	Science Chemistry	Revision of full syllabus students						
	<b>Social Studies</b>			Complete syllabus revision				
	<b>A.I.</b>	Unit 4 Unit 5	PART A : Employability Skills  • UNIT-5: Green Skills  PART B : Subject Skills  UNIT-4 Introduction to Generative AI	learning objective of Generative AI (GenAI) is to understand how it works, explore its potential applications, and develop critical thinking skills to evaluate and use GenAI tools responsibly	Classroom discussion  Powerpoint presentations  Visual aids.	improve their understanding of course material, boost their writing skills, and enhance their critical thinking abilities	Make a PowerPoint Presentation on Sustainable Development	develop valuable life skills such as computational thinking, critical thinking, creativity, and communication



	हिंदी	गद्यांश पद्यांश	संपूर्ण पाठ्यक्रम की पुनरावृत्ति	समस्त पाठ्यक्रम की पुनरावृत्ति		वर्कशीट नमूना पेपर प्रोजेक्ट कार्य	कक्षा परीक्षाएं	क्षमताओं प्रेरणाओं को विकसित करना मूल्यों को सुदृढ़ करना
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			मुख्य कथानक बिंदुओं चरित्र प्रेरणाओं और विषयगत तत्वों की समीक्षा सीखने को सुदृढ़ बनाना	स्पष्टीकरण पीडीएफ पीपीटी	विश्लेषण विषयगत संवाद पर अभ्यास व्याख्या	मुख्य विषयों और विवरणों की बढ़ती हुई अवधारणा, चरित्र प्रेरणाओं को बेहतर समझना	विषय पात्रों और कथात्मक पर प्रश्नोत्तरी का अभ्यास परीक्षाओं को अनुकरण करने के लिए बहुविकल्पी संक्षिप्त उत्तर देने में सक्षम	सीखने के अवसर विभिन्न शैक्षिक प्रणालियों का विश्लेषण सृजनात्मक क्षमता कौतूहल व जिज्ञासा
	Maths			REVISION				

	# Science ( Physics)	Revision	Revision	•	Revision	Revision	Revision	
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	Science Chemistry	Revision of full syllabus annual						
	<b>Social Studies</b>			Complete syllabus revision				
	<b>A.I.</b>	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam



	हिंदी	संपूर्ण पाठ्यक्रम की पुनरावृत्ति	दोहराई	स्पष्टीकरण प्रोजेक्ट समस्या समाधान	विश्लेषण स्पष्टीकरण समस्या समाधान	प्रताक्षमान अर्थ ग्रहण आलोचनात्मक चिंतन परिप्रेक्ष्य में मूल्यांकन विश्लेषण	तार्किक सोच पाठ्य चर्चा एकीकरण स्व मूल्यांकन	विभिन्न शैक्षिक प्रणालियों का विश्लेषण जीवन कौशल संचार कौशल नेतृत्व क्षमता
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	Maths			REVISION				
	Science (Physics)	Revision	Revision	•	Revision	Revision		Revision

	Science Chemistry	Revision is there						
	<b>Social Studies</b>			revision				
	<b>A.I.</b>	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam	Revision for Final Exam

	FRENCH							
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**MONTH: MARCH**

Month and no. of working days	Subject	Lesson No.	Lesson Name & Topic	Learning Objective	Pedagogy(Activity & Resources)	Learning Outcome	Assessment	Life skills
	English							

हिंदी		वार्षिक परीक्षाएं						

	<b>Maths</b>			<b>FINAL EXAM</b>			
	<b>Science (Physics)</b>			<ul style="list-style-type: none"><li>• Final Exams</li></ul>			



	Science Chemistry	Annual exams						
	<b>Social Studies</b>			Final exams				
	<b>A.I.</b>							

	FRENCH							
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