

**Jain Vidya Mandir Sr. Sec. School**

**Annual Planner (2025)**

**Class:-8<sup>th</sup>Subject:- English**

<u>MONTH</u>	<u>W E E K</u>	<u>TOPIC</u>	<u>ACTIVITIES</u>	<u>METHODOLOGY</u>	<u>TEACHING/ INSTRUCTIONAL AIDS</u>
April	1	CH. 1 The Little Willsons Learn a Lesson	1)Write the message of the chapter in the form of a slogan. 2) Do activity given page no. 24 of reader book	Lecture and storytelling methods	Chalk board and overhead projector
	2	CH.The Midsummer Holiday	1) Describe your feelings about holidays in the form of diary entry.	Storytelling and interactive method.	Chalkboard and overhead projector
	3	Poem: Suppose	1) Suppose yourself as a king of any kingdom writethe rules and changes you would like make.	Lecture and explanation method	Chalkboard and overhead projector
	4	Grammar:- Sentence Kinds of noun Singular and plural	1)Make a TML Model on the kinds of sentences.	Illustrative and deductive method	Chalkboard and overhead projector
MAY	1	CH.4Baboo's Pirates an Adventure in the Pahang River	1)Make a sketch book of the story. 2)Make a collage of other great rivers.	Storytelling method	Chalkboard and overhead projector
	2	CH.5 The Adventure of the Woodenhouse	1)Prepare a model of a woodenhouse. 2)Write a bio-sketch on Satyajit Ray.	Narrative and interactive method	Chalkboard and overhead projector
	3	Grammar:- Pronouns Adjectives	1)Make Flash Card on pronouns 2) Classify objects from your surroundings into different categories of adjectives.	Illustrative and deductive method	Chalkboard and overhead projector
	4	Writing skills:- NOTICE	Draw the format of 'Notice' on A4 sheet.	Discussion, Simulation and Lecture method	Chalkboard and overhead projector
JUNE			SUMMER BREAK		
JULY	1	Poem:- Columbus	1)Recite the poem in chorus with correct intonation.	Explanation, Illustration and discussion method	Chalk board and overhead projector

		Grammar:- Determiners Articles	2) Make a list of Robert Frost's other nature poem. Make a flow chart of determiners.		
	2	Writing skills:- Diary Entry	Write a diary entry sharing the experience of self satisfaction germinated from helping the needy people by making and distributing free face mask during the pandemic of Covid-19	Illustrative and explanation method	Chalk board and overhead projector
	3	Grammar:- Verb	Make a chart of the rules of subject verb Agreement.	Inductive-Deductive method	Real life objects, chalk board and overhead projector
	4	Ch7- Women as Investors	Write a paragraph on Women Empowerment.	Storytelling and interactive method	Chalk board and overhead projector
August	1	Ch-8 The Wrights and the Airship  Tenses	1) Design a book mark with some important lines from the chapter. 2) Write a bio-sketch of Wright Brothers.  1) Make a chart of Tenses.	Story telling method  Deductive and illustration method	Course book  Chalkboard, real life situations
	2	Subject verb agreement	Small conversation activities in class consisting of all tenses.	Inductive –deductive method	Examples and overhead projector
	3	Preposition  Adverb	1) Prepare a model of prepositions. 2) Make a power point presentation of prepositions. 1) Flash cards showing different kinds of adverbs.	Playway and explanation method  Heuristic and deductive method.	Chalkboard and overhead projector
	4	Informal Letter  Poem:-The Microscope	Make the format of informal letter on A4 size sheet. 1) Write down the poetic devices on A4 size sheet that have been used in the poem. 2) Make a telescope using waste materials and decorate it.	Deductive and explanation method.  Explanation method	Chalkboard and overhead projector
September			Revision+ Term I Exam		

October	1	CH- 10 Games Galore	1) Write a short note on your favourite game.	Story telling method	Course book and chalkboard
	2	CH-11 UNESCO and India	1) Make a poster related to UNESCO or WHO.	Story telling and explanation method	Course book and chalkboard
	3	Conjunction	1) Prepare a model of conjunctions. 2) Frame dialogues using different conjunctions.	Inductive and deductive and illustration method	Chalkboard and overhead projector
	4	Poem:-The Gift of India  Voice	1) Give an oral presentation of the poem in the class. 2) Write another poem related to The Gift of India. 3) Do activity give page no.92  1) Make a flip book of voice.	Lecture and storytelling methods Inductive-deductive methods	Chalkboard, Live examples and overhead projector
NOVEMBER	1	Ch-13 A Camping Trip  CH-14 The Ramble in Aphasias	1) Write a letter to your friend telling him about your 2 days camping trip in a forest	Storytelling method  Storytelling and Explanation methods	Chalkboard and overhead projector  Chalkboard and overhead projector
	3	Grammar: Modals	1) Prepare a chart on modals and their usage.	Inductive-deductive and explanation methods	Chalkboard and overhead projector
	4	Poem:-From A Railway  Ch-16 Little Nell	1) Describe the scenes of railway station in your own words. 2) Write a biosketch of your favourite person.	Explanation method  Inductive-deductive and explanation methods	Chalkboard and overhead projector  Chalkboard and overhead projector
December	1	Writing Section : Formal letter	Make the format of formal letter on A4 sheet.	Explanation method	Chalkboard and overhead projector
	2	Indirect Speech	1) Prepare a chart on the rules of indirect speech. 2) Go to a news website and look around for short news stories with the examples of reported speech	Inductive and deductive Methods	Chalkboard and overhead projector

			.WritethestoriesonA4sheetand readaloudintheclasslikeanewsreporter.		
	3	CH17:- A Chameleon	2) Do an activity given on page no. 137 of reader book.	Storytelling and probing methods	Chalkboardandoverheadprojector and course book
	4	Poem:- I Wandered as a Cloud	1) Write down the poetic devices used by the poet in the poem on an A-4 sheet .	Storytelling and probing methods	Chalkboardandoverheadprojector and course book
January	3	Writing Section: Bio-Sketch  Grammar: Punctuation	Draft the format of bio-sketch on A4 Sheet. Write the bio- sketch of Mahatma Gandhi.	Illustration and Explanation method.  Storytelling andinteractivemethods	Chalkboardandoverheadprojector  Chalkboardandoverheadprojector and course book
	4	Writing Section: Email	Prepare a 3D model of a computer screen , displaying the format of 'Email' with waste material.	Lecture method	Chalkboardandoverheadprojector
February			REVISION		

**SUBJECT :- MATHS**

<b>MONTH/Week</b>	<b>CHAPTERS</b>	<b>TOPICS</b>	<b>ACTIVITIES</b>	<b>METHODOLOGY</b>
<b>APRIL</b> <b>Week 1</b>	<b>Ch-1</b> <b>Rational</b> <b>Numbers</b>	<ul style="list-style-type: none"> <li>• Properties of rational Numbers</li> <li>• Representation of Rational Numbers on Number Line</li> </ul>	<ul style="list-style-type: none"> <li>• Draw a number line on a sheet. Give the rational number corresponding to indicated points on a shown number line.</li> <li>• Write four rational numbers columnwise on L.H.S and draw 4 number lines again columnwise representing these rational numbers on R.H.S without sequence. After that match the two columns using thread of different colours.</li> <li>• Draw a diagram showing natural, whole, integers and rational numbers.</li> <li>• Represent any two rational numbers using thread.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Explanation</li> <li>• Discussion</li> <li>• Inductive Method</li> </ul>
<b>Week 2</b>		<ul style="list-style-type: none"> <li>• Rational Numbers between two Rational numbers.</li> </ul>	<ul style="list-style-type: none"> <li>• Self Generation of linear Equations Based on real life examples</li> </ul>	<ul style="list-style-type: none"> <li>• Problem solving method</li> <li>• Explanation</li> <li>• Discussion</li> </ul>
<b>Week 3</b>	<b>Ch-2</b> <b>Linear</b> <b>Equations in</b> <b>One Variable</b>	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Solving Linear Equations having Variable on one side</li> </ul>	<ul style="list-style-type: none"> <li>• Draw a rectangle on a sheet and then frame a linear relation between its length and breadth.</li> <li>• Measure the length &amp; breadth of your ludo/caromboard/chessboard or any 2-D surface. Try to find out if there exists any relation between them.</li> </ul>	
<b>Week 4</b>		<ul style="list-style-type: none"> <li>• Solving Equations having variable on both sides</li> <li>• Applications based on linear equations</li> </ul>	<ul style="list-style-type: none"> <li>• On a sheet write down the different ways of solving the linear equations. Cross check if we can apply more than one method to solve a linear equation by taking five examples.</li> </ul>	

<b>MAY</b> <b>Week 1</b>	<b>Ch- 3</b> <b>Understanding</b> <b>Quadrilaterals</b>	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Types of polygons</li> <li>• Sum of the exterior angles of a polygon</li> <li>• Kinds of quadrilateral</li> <li>• Some special parallelogram</li> </ul>	<ul style="list-style-type: none"> <li>• Visualise table surface, cupboard door, greenboard and other 2 –d surfaces. Identify them as rectangle, square, parallelogram etc.</li> <li>• Draw a quadrilateral , pentagon and hexagon a sheet . Try to find out the sum of their angles using the angle sum property of triangle.</li> <li>• Make a parallelogram, trapezium and rhombus by cutting a cardboard sheet. Then paste different colour sheets on it.</li> <li>• Draw a quadrilateral on a sheet. Try to find out the sum of all it's external angles using thread , and protactor.</li> <li>• Make a collage or Rangoli using different 2-D shapes.</li> <li>• Using straws make a trapezoid and parallelogram.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Explanation</li> <li>• Problem Solving Method</li> </ul>			
<b>Week 2</b>							
<b>Week 3</b>					<b>Ch-4</b> <b>Practical</b> <b>Geometry</b>	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Constructing a quadrilateral</li> <li>• Some special cases</li> </ul>	<ul style="list-style-type: none"> <li>• Demostration</li> <li>• Explanation</li> <li>• Problem solving</li> </ul>
<b>Week 4</b>							
<b>JUNE</b>	<b>SUMMER BREAK</b>						

<b>JULY</b>	<b>Ch-5</b>			
<b>Week 1</b>	<b>Data Handling</b>	<ul style="list-style-type: none"> <li>• Pictograph</li> <li>• Bar graph</li> <li>• Double Bar Graph</li> <li>• Organising Data</li> <li>• Grouping Data</li> <li>• Piechart</li> <li>• Chance and Prability</li> </ul>	<ul style="list-style-type: none"> <li>• Perform Random experiment with coin &amp; Die to calculate probability.</li> <li>• Record your study hours for a week and the plot them on a bargraph . Use a different colour paper strip to represent the different bar lengths.</li> </ul>	<ul style="list-style-type: none"> <li>• Experiment</li> <li>• Explanation</li> <li>• Discussion</li> <li>• Problem Solving</li> </ul>
<b>Week 2</b>			<ul style="list-style-type: none"> <li>• Notedown the temperature of your city for five days. From this data try to predict the temperature of 6<sup>th</sup> day.</li> <li>• Calculate Squares of first 10 natural numbers. Write down on bookmark.</li> </ul>	
<b>Week 3</b>		<ul style="list-style-type: none"> <li>• Introducti on</li> <li>• Properties of square numbers</li> <li>• Finding the square of a number</li> </ul>	<ul style="list-style-type: none"> <li>• Make a square root clock.</li> <li>• On a number line show one nearest perfect square number less than and one nearest perfect square number greater than 12.</li> </ul>	<ul style="list-style-type: none"> <li>• Problem Solving</li> <li>• Explanation</li> <li>• Discussion</li> </ul>
<b>Week 4</b>	<b>Ch-6 Squares and Square roots</b>	<ul style="list-style-type: none"> <li>• Square Roots</li> <li>• Finding the square roots</li> </ul>	<ul style="list-style-type: none"> <li>• make a tower using block paper or graph paper which shows different square number.</li> </ul>	

<b>AUGUST</b> <b>Week 1</b>	<b>Ch-7</b> <b>Cubes and Cube Roots</b>	<ul style="list-style-type: none"> <li>• <i>Introduction</i></li> <li>• <i>Cubes</i></li> <li>• <i>Cube Root</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Represent Cubes of first 10 natural numbers on a bookmark.</i></li> <li>• <i>Make symbol of cube root using papercuttings, pipes or anything else of your choice.</i></li> <li>• <i>Make a number line and show which number represents cube root of number 2197.</i></li> <li>• <i>Make a cube root clock.</i></li> <li>• <i>Collection of data about various discount schemes.</i></li> <li>• <i>On a sheet write down the interest rates on deposits given by five banks near to your home. from this data find out in which bank you would like to deposit your money.</i></li> <li>• <i>Buy a product from a near by shop and from a shopping mall . if there is difference between the cost</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Problem Solving</i></li> <li>• <i>Explanation</i></li> <li>• <i>Discussion</i></li> </ul>
<b>Week 2</b>				
<b>Week 3</b>	<b>Ch-8</b> <b>Comparing Quantities</b>	<ul style="list-style-type: none"> <li>• <i>Recalling Ratio &amp; Percentages</i></li> <li>• <i>Finding the increase or decrease percent</i></li> <li>• <i>Finding Discounts</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Problem solving</i></li> <li>• <i>Explanation</i></li> <li>• <i>Discussion</i></li> </ul>	
<b>Week 4</b>				

		<ul style="list-style-type: none"> <li>• Profit and Loss</li> <li>• Calculating Compound interest</li> </ul>	<p>pricethen calculate the profit you get.</p>	
<b>SEPTEMBER</b>	<b>REVISION +HALF YEARLY EXAMS</b>			
<b>OCTOBER</b>				
<b>Week 1</b>	<b>Ch-9 Algebraic Expressions &amp; Identities</b>	<ul style="list-style-type: none"> <li>• Expressions, Terms, Factors &amp; Co-efficient</li> <li>• Monomial, Binomial &amp; Polynomials</li> <li>• Like &amp; unlike terms</li> <li>• Addition &amp; Subtraction of Algebraic Expressions</li> </ul>	<ul style="list-style-type: none"> <li>• Preparation of chart based on different polynomials.</li> <li>• Prepare bookmark showing the Different algebraic identities.</li> <li>• Viewing different objects &amp; finding their area using measuring tools.</li> <li>• Identification of Edges, Faces &amp; Vertices of Shown shapes.</li> </ul>	<ul style="list-style-type: none"> <li>• Inductive</li> <li>• Explanation</li> <li>• Discussion</li> <li>• Problem solving</li> </ul>
<b>Week 2</b>				
<b>Week 3</b>	<b>Ch-10 Visualising Solid Shapes</b>	<ul style="list-style-type: none"> <li>• Multiplication of Algebraic Expressions</li> <li>• Standard Identities</li> <li>• Introduction</li> </ul>	<ul style="list-style-type: none"> <li>• On a chart draw a 3-d figure. Using different colour paper strips show it's front, top and side view.</li> <li>• Using straws make a cuboid.</li> <li>• Using cardboard sheet make a cubical dice for you ludo.</li> </ul>	<ul style="list-style-type: none"> <li>• Problem solving</li> <li>• Experimental</li> <li>• Demonstration</li> <li>• Explanation</li> <li>• Discussion</li> </ul>
<b>Week 4</b>	<b>Ch-11 Mensuration</b>	<ul style="list-style-type: none"> <li>• View of 3-D shapes</li> <li>• Mapping space around us</li> <li>• Faces, Edges &amp; Vertices.</li> </ul>	<ul style="list-style-type: none"> <li>• Using a rectangular cardboard sheet make a cylinder and try to find out the surface area of it.</li> </ul>	<ul style="list-style-type: none"> <li>• Demonstration</li> <li>• Explanation</li> <li>• Discussion</li> <li>• Problem solving</li> </ul>

		<ul style="list-style-type: none"> <li>• <i>Introduction</i></li> <li>• <i>Area of trapezium</i></li> <li>• <i>Area of a quadrilateral</i></li> <li>• <i>Area of a polygon</i></li> <li>• <i>Solid shapes</i></li> <li>• <i>Surface area of Cube, cuboid &amp; Cylinder</i></li> <li>• <i>Volume of Cube, Cuboid &amp; cylinder</i></li> </ul>		
<b>NOVEMBER</b>				
<b>Week 1</b>	<b>Ch-12</b>			
<b>Week 2</b>	<b>Exponents &amp; Powers</b>	<ul style="list-style-type: none"> <li>• <i>Introduction</i></li> <li>• <i>Powers with negative exponents</i></li> <li>• <i>Laws of exponents</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Preparation of chart on laws of exponent.</i></li> <li>• <i>Make bookmarks representing the radius of the sun and the moon in terms of power.</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Explanation</i></li> <li>• <i>Discussion</i></li> <li>• <i>Problem solving method</i></li> </ul>
<b>Week 3</b>	<b>Ch-13</b>			
<b>Week 4</b>	<b>Direct &amp; Inverse Proportion</b>	<ul style="list-style-type: none"> <li>• <i>Introduction</i></li> <li>• <i>Direct Proportion</i></li> <li>• <i>Inverse Proportion</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Search problems based on direct &amp; inverse proportion.</i></li> <li>• <i>Draw a model representing direct proportion.</i></li> <li>• <i>Make bookmarks showing formulas for direct and inverse proportion.</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Explanation</i></li> <li>• <i>Discussion</i></li> <li>• <i>Problem Solving</i></li> </ul>

<b>DECEMBER</b>				
<b>Week 1</b>	<b>Ch-14</b> <b>Factorisation</b>	<ul style="list-style-type: none"> <li>• <i>Introduction</i></li> <li>• <i>Factorisation</i></li> <li>• <i>Division of Algebraic Expression.</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Prepare a chart showing the different ways of factorizing the algebraic expressions using algebraic identities.</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Explanation</i></li> <li>• <i>Discussion</i></li> <li>• <i>Problem solving</i></li> </ul>
<b>Week 2</b>				
<b>Week 3</b>	<b>Ch-15</b> <b>Introduction to Graphs</b>	<ul style="list-style-type: none"> <li>• <i>Introduction</i></li> <li>• <i>Bar graph</i></li> <li>• <i>Pie graph</i></li> <li>• <i>Line graph</i></li> <li>• <i>Linear Graph</i></li> <li>• <i>Some applications</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Visualising the ppts. Based on different types of graphs.</i></li> <li>• <i>Make a bar graph on a chart showing the number of students having birthday in different months. Use different colour for each month.</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Observation</i></li> <li>• <i>Explanation</i></li> <li>• <i>Discussion</i></li> <li>• <i>Problem solving</i></li> </ul>
<b>Week 4</b>				
<b>JANUARY</b>				
<b>Week 1</b>	<b>Ch-16</b> <b>Playing with Numbers</b>	<ul style="list-style-type: none"> <li>• <i>Introduction</i></li> <li>• <i>Numbers in general form</i></li> <li>• <i>Games with numbers</i></li> <li>• <i>Letters for digits, tests &amp; Divisibility</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Design different number games.</i></li> <li>• <i>Make a magic block using different coloursheets.</i></li> </ul>	<ul style="list-style-type: none"> <li>• <i>Explanation</i></li> <li>• <i>Discussion</i></li> </ul>
<b>Week 2</b>				
<b>Week 3&amp; Week 4</b>	<b>Revision</b>			
<b>FEBRUARY</b>	<b>REVISION</b>			
<b>MARCH</b>	<b>ANNUAL EXAMS</b>			

**CLASS VIII**

**SUBJECT:- SCIENCE**

SR. NO.	MONTH	CHAPTER'S NAME	ACTIVITY	SKILL
1	April	Crop Production and Management	<p><b>Activity-1 Agricultural Implements</b></p> <p>Collect the pictures of various agricultural implements and paste them on A3 Sizesheet. Write down their uses also.</p> <p><b>Activity -2 Manure</b></p> <p>Prepare Manure from Bio-degradable waste.</p> <p><b>Activity -3 Irrigation</b></p> <p>Collect information about the various methods of irrigation followed. Categorize them into Conventional and Modern Methods. Which method you like the most and why ?</p> <p><b>Activity- 4 Water Conservation</b></p> <p>Show in the picturisation's form how to save water during Gardening.</p>	<ul style="list-style-type: none"> <li>▪ Correla</li> <li>▪ Unders</li> <li>▪ Analysi</li> <li>● Observ</li> <li>● Correla</li> <li>● Critical</li> <li>● Observ</li> <li>● Correla</li> <li>● Correla</li> <li>● Aware</li> </ul>

2	April	<b>Micro Organisms : Friend and Foe</b>	<p><b>Activity -1 Curd Formation</b></p> <p>Under the guidance of your mother or an elder at home, make an arrangement for the formation of curd. Write your experience in the assignment form. Also write the name of bacteria involved in formation of curd.</p> <p><b>Activity-2 Preservatives and Preservation</b> Collect the wrappers of Frozen and canned food items. List the various preservatives present in these food items and Name of preservation Method.</p> <p><b>Activity-3 Virus</b></p> <p>Make a poster showing the structure of COVID-19 Virus. Also show how it can be spread and how we can protect ourselves from COVID-19 Virus.</p> <p><b>Activity -4 Useful and Harmful Effects of Microorganisms</b></p> <p>Make an assignment on the “useful and harmful effects” of microorganisms in our life.</p>	<ul style="list-style-type: none"> <li>● Observ</li> <li>● Interpe</li>   <li>● Critical</li> <li>● Analysi</li> <li>● Observ</li>   <li>● Aware</li> <li>● Correla</li> <li>● Correla</li> <li>● Observ</li> </ul>
	April -May	Unit Test	UT+Revision, Syllabus - Ch. 1	

3	May	Coal and Petroleum	<p><b>Activity -1</b></p> <p>In oldertime coal wasthemainfuelusedfor cooking.Nowadayswhichfuelismainlyused forcookingandwhatisitsadvantageovercoal?MakeanAssignmentonA4Sizesheet.</p> <p><b>Activity-2MapActivity</b></p> <p>TakeamapofIndiaandlocatetheplaceswherethereservoirsofcoal,petroleumandNaturalGasarefound.Identifythestateswheretheyareformedinabundance.</p> <p><b>Activity-3ConservationofFuel</b></p> <p>Makeanassignmentonthetopic"whatwillyoudoinyourdailylifeforsavingfuel?"</p> <p><b>Activity-4LPG:UseandProtection.</b></p> <p><b>Procedure:</b></p> <p>1)Findoutthecookinggasusedatyourhome .ItisapipelinegasoraLPGCylinder?</p> <p>2)Whatprecautionsyourfamilymemberstakeafterusingthecookinggas.</p> <p>3)Ifanyleakageoccurs,whatstepsoneshouldtake?</p>	<p>CriticalThinking</p> <p>Correlation</p> <p>Identification</p> <p>Application</p> <p>Understanding</p> <p>Analyzingthe</p>
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<p>4</p>	<p>May</p>	<p><b>Combustion and Flame</b></p>	<p><b>Activity-1 Control of Fire</b></p> <p>Generally fire extinguishers are installed in public buildings. What is it's function? How does it work?</p> <p><b>Activity-2 Fuel Efficiency</b></p> <p>Why the use of LPG as a fuel is favoured over other fuels? Collect information.</p> <p><b>Activity-4 Fuel Consumption</b></p> <p>Find out from your mother or any other elder at home for how many days your family use LPG cylinder? What practices may be adopted in cooking to reduce the consumption of LPG?</p>	<ul style="list-style-type: none"> <li>● Explori</li> <li>● Observ</li> <li>● Analys</li> <li>● Critical</li> <li>● Explori</li> <li>● Critical</li> <li>● Observ</li> <li>● Critical</li> <li>● Analys</li> <li>● Decisio</li> </ul>
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5	July	Conservation of Plants and Animals	<p><b>Activity-1 Reasons for Biodiversity Loss</b> To study the effect of polluted water and oil spills on bird population.</p> <p>a) Take three feathers of a bird.</p> <p>b) Dip one feather in the water, another in oil and the third one in soap water.</p> <p>c) Note down the observations in the following table and interpret.</p> <table border="1" data-bbox="873 512 1425 747"> <thead> <tr> <th></th> <th>Dipped in water</th> <th>Dipped</th> </tr> </thead> <tbody> <tr> <td>Feather</td> <td></td> <td></td> </tr> </tbody> </table> <p><b>Activity-2 : National parks and Bird Sanctuaries</b> <b>Map Activity</b></p> <p>a) Take the political map of India. Mark the National parks and bird sanctuaries on it.</p> <p>b) Identify the states which have maximum protected areas.</p> <p><b>Activity-3 : Migratory Birds</b> To understand the reasons of migration of birds from one part of the world to another.</p> <p>a) Visit the zoo in winter season.</p> <p>b) Note down the types of migratory birds present there.</p> <p>c) Find out the names of the countries from where they have come.</p> <p>d) What is the temperature in these countries at that time?</p> <p>e) Mark these countries on the world map.</p> <p>f) Interpret the reason of their migration.</p> <p><b>Activity-4 : Recycling of paper</b></p>		Dipped in water	Dipped	Feather			<ul style="list-style-type: none"> <li>● Observ</li> <li>● Interpr</li> <li>● Analys</li> <li>● Identifi</li> <li>Plannin</li> </ul> <ul style="list-style-type: none"> <li>● Identifi</li> <li>● Unders</li> <li>● Correla</li> <li>● Interpr</li> <li>● Analys</li> </ul> <ul style="list-style-type: none"> <li>● Observ</li> <li>● Reason</li> <li>● Visualis</li> <li>● Interpr</li> </ul> <ul style="list-style-type: none"> <li>● Design</li> <li>● Correla</li> <li>● Explain</li> <li>● Concer</li> <li>● Analys</li> </ul>
	Dipped in water	Dipped								
Feather										

			<p>To prepare the recycled paper from waste paper</p> <ul style="list-style-type: none"><li>a) Collect the waste paper and make pulp of it by soaking in water</li><li>b) Grind it.</li><li>c) Through the sieve remove the extra water and dry it.</li><li>d) Correlate how much waste paper is generated by you in a day and how much can be saved by this activity.</li></ul>	
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6	July	<b>Reproduction in Animals</b>	<p><b>Activity–1 : Shape of sperm and egg and their number</b>          To compare the shapes of sperms and eggs and correlate with their functions.</p> <p>a) Collect the pictures of sperms and eggs of human, dog, cow, monkey and lion.          b) Compare the shapes of egg and sperms.          c) Note down the observations.          d) Interpret and critically analyse your observations.          Sperm has pointed head to pierce through egg membrane to reduce friction. They have tail which help in movement. Eggs are spherical (less surface area and more volume) to store yolk.</p> <p><b>Activity–2 : Types of eggs</b>          To compare the shell of birds egg and frogs egg</p> <p>a) Collect the eggs of hen and frog          b) Touch the shells of these eggs.          c) Note down the observations</p> <table border="1" data-bbox="873 1276 1425 1428"> <tr> <td data-bbox="873 1276 1312 1354"><b>Name of Animal</b></td> <td data-bbox="1312 1276 1425 1354"><b>Bi</b></td> </tr> <tr> <td data-bbox="873 1354 1312 1428"><b>Type of Shell</b></td> <td data-bbox="1312 1354 1425 1428"></td> </tr> </table> <p>d) Compare the shells          e) Try to analyse the reasons for these differences.          Eggs of frog are laid in water and eggs of hen are covered with hard shell to prevent desiccation and to protect them from predators and unfavourable conditions.</p> <p><b>Activity–3 : Life cycle of insect</b>          To study the life cycle of insect</p>	<b>Name of Animal</b>	<b>Bi</b>	<b>Type of Shell</b>		<ul style="list-style-type: none"> <li>● Collect</li> <li>● List</li> <li>● Analys</li> <li>● Applica</li> <li>● Collect</li> <li>● List</li> <li>● Record</li> <li>● Compa</li> <li>● Analys</li> <li>● Collect</li> <li>● Observ</li> <li>● Analys</li> <li>● Design</li> <li>● Evaluat</li> <li>● Genera</li> </ul>
<b>Name of Animal</b>	<b>Bi</b>							
<b>Type of Shell</b>								

			<p>a) Collect the eggs laid by butterfly b) Allow the eggs to hatch out. c) Give the leaves to the larvae. d) Note down the observations when the larvae change into pupa and then into adult. e) Find out the changes at different stages and critically analyse the reasons for these differences. f) Draw the life cycle of butterfly</p> <p><b>Activity-4 Zygote, Embryo and Foetus</b></p> <p>Make an assignment on the topic " Difference between Zygote, Embryo and Foetus"</p>	
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7	August	Reaching the Age of Adolescence	<p><b>Activity–1 : Development and Growth</b></p> <p>a) Ask the students to compare their photographs at 8 years of age with the photograph of their present age.</p> <p>b) Note down the differences.</p> <p>c) Make the list of differences in the two photographs</p> <p>d) Try to find out the reasons for these differences.</p> <p><b>Activity–2 : Junk food</b></p> <p>To study the effects of consuming junk food on the health</p> <p>a) Collect the samples of junk food like burger, French fries. Chips, Aerated drinks.</p> <p>b) Find out the dietary ingredients and their quantities present in them.</p> <p>c) Compare them with the daily requirement of a normal person.</p> <p>d) Find out their effects on the human body.</p> <p>e) They contain more dietary components than the daily requirement. Why?</p> <p><b>Activity–3 : Increase of Height with Age</b></p> <p>a) Collect the data of height of students from classes 3-10.</p> <p>b) Group the data.</p> <p>c) Find out the average height of each class of boys and girls separately.</p> <p>d) Plot the data.</p> <p>e) Conclude and interpret.</p> <p><b>Activity–4 : Gender Ratio</b></p> <p>To find out the gender ratio in India</p> <p>a) Find out the number of males and females in the following states of India: Punjab, Haryana, Rajasthan, Himachal</p>	<ul style="list-style-type: none"> <li>● Study</li> <li>● Comparison</li> <li>● Analysis</li> <li>● Deduction</li>   <li>● Study</li> <li>● Correlation</li> <li>● Study</li> <li>● Critical</li> <li>● Explanation</li>   <li>● Analysis</li> <li>● Categorization</li> <li>● Identification</li> <li>● Design</li>   <li>● Understanding</li>   <li>● Reasoning</li>   <li>● Innovation</li> <li>●</li> </ul>
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			<p>Pradesh, Maharashtra, and Andhra Pradesh, Sikkim. Manipur, Kerala</p> <p>b) Calculate the gender ratio.</p> <p>c) Plot it on the graph.</p> <p>d) Find out the states which has lowest number of females and highest number females.</p> <p>e) Critically analyse the reasons for the difference.</p>	
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8	August	Force and Pressure	<p><b>Activity–1 : Pressure</b></p> <p>Take a used soft drink glass. Fill it completely with water and keep it on the floor. Make three holes using a pin along the height of the glass, one near bottom, other near top and the third in the middle of the glass. Observe the water coming out of three different holes. Note down your observations.</p> <p><b>Activity–2 : Action Story</b></p> <p>Student will create an action story where examples of different types of forces must be mentioned. They have to underline the phrases in the story where examples of forces are mentioned. At the end, they will present the story in the class.</p> <p>Example: In a football match, first player kicks a ball and passes on to second player. Second player passes the ball to the goal, where the goal keeper catches it and throws to the other team. In this story, they have to find the examples of the forces mentioned and underline it/them.</p> <p><b>Activity–3 : Float or Sink</b></p> <p>Take few objects such as nails, cork, wood, sponge, thermocol piece and test all the objects by keeping in the water, for floating/sinking.</p> <ol style="list-style-type: none"> <li>1. An object floats under the surface of a liquid if the down ward gravitational and upward force by the liquid, acting on the body are equal and opposite.</li> <li>2. If the gravitational force is greater than the upward force of the liquid, the object sinks.</li> <li>3. If the upward force of liquid is greater than the downward gravitational force,</li> </ol>	<ul style="list-style-type: none"> <li>● Analyti</li> <li>● Proble</li> <li>● Creativ</li> <li>● Experin</li>   <li>● Creativ</li>   <li>● Expres</li>   <li>● Speaki</li>   <li>● Observ</li>   <li>● Experin</li>   <li>● Analyti</li>   <li>● Catego</li> <li>● Proble</li>   <li>● Experin</li>   <li>● Critical</li>   <li>● Proble</li>   <li>● Life ski</li> </ul>
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			<p>the object floats above the surface of water.</p> <p>For the above said objects taken tabulate your observation as:</p> <table border="1" data-bbox="873 306 1425 688"> <thead> <tr> <th data-bbox="873 306 1008 470">Objects</th> <th data-bbox="1008 306 1425 470">Floats under the surface of water / sinks / floats above the surface of water</th> </tr> </thead> <tbody> <tr> <td data-bbox="873 470 1008 541"></td> <td data-bbox="1008 470 1425 541"></td> </tr> <tr> <td data-bbox="873 541 1008 613"></td> <td data-bbox="1008 541 1425 613"></td> </tr> <tr> <td data-bbox="873 613 1008 688"></td> <td data-bbox="1008 613 1425 688"></td> </tr> </tbody> </table> <p><b>Activity-4 : Pressure</b></p> <p>Take two iron nails, one with pointed end and the other with blunt end. Try to nail them into wall. What did you observe?</p> <p>Answer the following questions:</p> <ol style="list-style-type: none"> <li>1. When did you have to apply more force: while using pointed nail or blunt nail?</li> <li>2. What could be the reason for the above observation?</li> </ol>	Objects	Floats under the surface of water / sinks / floats above the surface of water							
Objects	Floats under the surface of water / sinks / floats above the surface of water											
	<p><b>August</b></p>	<p><b>Unit Test</b></p>	<p><b>Revision+UT , Syllabus - Ch 3 ,4 and 5</b></p>	<p>●</p>								

<p>9</p>	<p>September)Eggs(less Surfaceareaandmorevolume).</p>	<p><b>Friction</b></p>	<p><b>Activity–1 : Factors Affecting Frictions</b>          Take an inclined plane, take two halves of the chart paper. Spread some pebbles on one of them and sand on the other (a thin layer). Gently release the ball on the inclined plane. Observe the ball rolling down over the spread of pebbles and note the distance moved by the ball. Repeat the experiment with the sand spread on chart paper and then on a plain paper.          Enter your observation in the table.</p> <table border="1" data-bbox="873 638 1425 926"> <thead> <tr> <th>Surface</th> <th>Distance moved by ball</th> </tr> </thead> <tbody> <tr> <td>Pebbles</td> <td></td> </tr> <tr> <td>Sand</td> <td></td> </tr> <tr> <td>Plain paper</td> <td></td> </tr> </tbody> </table> <p>Conclusion: The ball moves smallest distance when the surface offers maximum friction.</p> <p><b>Activity–2 : Rolling and Sliding friction</b>          Take 2 science books, a brown paper, weights, 5 marker pens, string, 1 hook, 1 bucket and a tape.</p> <p>Tape the brown paper to the desk. Attach the string around book. Place it on the brown paper. Use the hook to attach the bucket to the string. Add weights to the bucket until the book moves and slides. Record the observations.</p> <table border="1" data-bbox="873 1675 1425 1967"> <thead> <tr> <th>Number of Books</th> <th>Weights Needed</th> </tr> </thead> <tbody> <tr> <td></td> <td>Brown Paper</td> </tr> <tr> <td>1.</td> <td></td> </tr> <tr> <td>2.</td> <td></td> </tr> </tbody> </table>	Surface	Distance moved by ball	Pebbles		Sand		Plain paper		Number of Books	Weights Needed		Brown Paper	1.		2.		<ul style="list-style-type: none"> <li>● Analyti</li> <li>● Observ</li> <li>● Analys</li> <li>● Unders</li> <li>● Observ</li> <li>● Analys</li> <li>● Explor</li> <li>● Unders</li> <li>● Observ</li> <li>● Explor</li> <li>● Explan</li> <li>● Observ</li> <li>● Analys</li> <li>● Identif</li> <li>● Aware</li> </ul>
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	Brown Paper																			
1.																				
2.																				

Repeat the experiment with the book on the top of pens, pens will act as rollers and will make a difference in the number of weights needed.

**Conclusion:** Friction is reduced if we replace sliding with rolling.

**Activity–3 : Friction (Lubrication decreases friction)**

Make sure your hands are dry. Rub them together briskly so that you create a lot of friction. Observe the heat in your hands.

Now add some hand lotion and rub them again. What happened this time? Note your finding on A4 size sheet and write down why friction is considered necessary evil.

**Conclusion:**

1. Lubricants are materials that help overcome friction.
2. Friction causes heat and this is one of the disadvantages of friction. It causes the heating up of machines along with wear and tear.

**Activity–4 : Rough Surface and Friction**

Place a tennis ball on the hard smooth surface of a table. Blow the ball. The ball rolls rapidly. Now cover the table with a sheet (table cloth). Place the table tennis ball over the sheet and blow at it. The ball rolls slowly and soon comes to stop.

10	September	Sound	<p><b>Activity-1 : Sound originates in a vibrating body</b></p> <p>Take one plastic ruler, hold it firmly on the edge of a desk or table so that about 25 cms extends over the edge.</p> <p>Flick the free end of the ruler with your fingers and listen for any sound it makes. Look closely at the way the ruler is moving. Move the ruler back so that only 15 cms extends over the edge and repeat the procedure. Compare your observations in a table.</p> <table border="1" data-bbox="878 667 1425 884"> <thead> <tr> <th data-bbox="878 667 1239 737">Extension</th> <th data-bbox="1239 667 1425 737">Observations</th> </tr> </thead> <tbody> <tr> <td data-bbox="878 737 1239 810">15 cm</td> <td data-bbox="1239 737 1425 810"></td> </tr> <tr> <td data-bbox="878 810 1239 884">20 cm</td> <td data-bbox="1239 810 1425 884"></td> </tr> </tbody> </table> <p><b>Activity-2 : To prepare a Guitar Box</b></p> <p>Take an empty shoe box, rubber bands of different thickness, ruler/stick. Make a circular hole of 4 cm radius in the cover of the box. Stretch the rubber bands around the box as shown.</p> <p>Attach the ruler/stick to back of the box on one end to act as the arm of the guitar. To play, pluck the rubber bands one by one. Find out which one produces the sound of lowest pitch? The thickest or thinnest.</p> <p><b>Activity-3 Ear</b></p> <p>Draw the structure of Ear and explain its working.</p> <p><b>Activity-4 Noise Pollution</b></p> <p>Make an assignment on the topic "Noise Pollution, its causes, harmful effects and its prevention".</p>	Extension	Observations	15 cm		20 cm		<ul style="list-style-type: none"> <li>● Explora</li> <li>● Critical</li> <li>● Proble</li> <li>● Creativ</li> <li>● Explora</li> <li>● Analyti</li> <li>● Drawin</li> <li>● Genera</li> <li>● Observ</li> <li>● Analysi</li> <li>● Aware</li> </ul>
Extension	Observations									
15 cm										
20 cm										

11	October	<b>Chemical Effects of Electric Current</b>	<p><b>Activity–1 : Conducting Solution</b>  Find out the nature of solution . which conducts electricity using LED light.  Prepare a circuit using a 9V battery, two metre copper wire, ammeter on LED light, plastic container and following liquids are taken as solution for conduct electricity.</p> <ol style="list-style-type: none"> <li>1.Common salt solution</li> <li>2. Distilled water</li> <li>3.Baking soda solution</li> <li>4.Soft drink like coca-cola solution</li> <li>5.Tap water</li> <li>6. Vinegar solution</li> </ol> <p>Find out any change in brightness of LED light in dark condition for all the liquid solutions. Find out the reason behind it.</p> <p><b>Activity–2 : Electroplating</b>  You have observed that, electroplating materials are necessary in our day to day life. Find out electroplated materials used at your home and in your locality. Note down them and their uses. Also elaborate which material is electroplated over the other material.</p> <p><b>Activity–3 : Effect of Corrosion</b></p> <ol style="list-style-type: none"> <li>1. When copper utensils, iron nails or silver ornaments are kept in open, what happens?</li> <li>2. Find out the reason for them. Note down your observation.</li> </ol> <p><b>Activity–4 : Conduction and insulation</b>  Find out the nature of material which conducts electricity using LED light.  Procedure:</p> <ol style="list-style-type: none"> <li>1. Prepare a circuit using a TV battery, LED light or bulb of torch for conduct electricity.</li> <li>2. Different type of materials like copper, aluminium, iron, plastic, rubber etc. are taken to make circuit to conduct electricity.</li> </ol>	<ul style="list-style-type: none"> <li>● Experi</li> <li>● Observ</li> <li>● Analys</li> <li>● Inferrin</li> <li>● Organi</li> <li>● Constr</li> <li>● Unders</li> <li>● situatio</li> <li>● Skill en</li> <li>● prepar</li> </ul> <ul style="list-style-type: none"> <li>● Explora</li> <li>● Observ</li> <li>● Identifi</li> <li>● Applica</li> </ul> <ul style="list-style-type: none"> <li>● Critical</li> <li>● Observ</li> <li>● Interpr</li> </ul> <ul style="list-style-type: none"> <li>● Experi</li> </ul> <ul style="list-style-type: none"> <li>● Observ</li> <li>● Analys</li> <li>● Organi</li> <li>● Constr</li> <li>● Skill en</li> <li>● Inferrin</li> </ul>
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			3. Note down your observation and inference.											
			<table border="1"><thead><tr><th>Materials</th><th>Bulb Glow / Not Glow</th></tr></thead><tbody><tr><td>Copper</td><td></td></tr><tr><td>Plastic</td><td></td></tr><tr><td>Aluminium</td><td></td></tr><tr><td>Rubber</td><td></td></tr></tbody></table>	Materials	Bulb Glow / Not Glow	Copper		Plastic		Aluminium		Rubber		
Materials	Bulb Glow / Not Glow													
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12	October	Some Natural Phenomenon	<p><b>Activity–1 : Earthquake</b> To survey the structure of buildings and the building materials used in different earthquake zones.</p> <p><b>Procedure:</b> Make a table of one city in India, in each of the earthquake zone and explain the building structure recommended for the zone, building materials used and level of safety for each zone.</p> <p><b>Activity–2 : Snake Charmer:</b> <b>Material required:</b> Some cellophane paper, scissor, plastic ruler, woolen cloth.</p> <p><b>Method:</b> Cut out 10 cm by 10 cm square out of cellophane paper. Fold along the diagonal to get the centre of square. Draw a spiral on the square paper starting outwards from centre of square. Cut along the line from outside to centre. You will have a spiral resembling snake. Take a plastic ruler and rub with a woolen cloth. Held-the ruler close to the mouth of cellophane snake. It will lift up its head and rise with plastic ruler. Note down your observation and present your conclusion for the same.</p> <p><b>Activity–3 : Static Lightning Frictional Electricity:</b> <b>Things needed:</b> Rubber balloon, fluorescent light bulb. Procedure (Under the supervision of an elder) Turn all the lights off in the room. Rub the balloon on your hair for several seconds. Then hold the statically charged balloon near the end of light bulb. This will illuminate the bulb. Repeat it as many times as desired.</p>	<ul style="list-style-type: none"> <li>● Explora</li> <li>● Resear</li> <li>● Analyti</li>   <li>● Creativ</li> <li>● Applica</li>   <li>● Interpr</li>   <li>● Inferen</li>   <li>● Observ</li> <li>● Relate</li> <li>● Knowle</li> <li>● Identif</li> <li>● Recall</li>   <li>● Creativ</li> <li>● Observ</li> <li>● Identif</li> </ul>
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			<p>Conclude your observations.</p> <p><b>Activity–4: Map activity</b></p> <p>Take the map of India locate the areas that are prone to earthquake.</p>	
13	November	Light	<p><b>Activity–1</b></p> <p>How does reflection work for solar cooker? Which materials are used as reflecting surfaces in solar cooker?</p> <p><b>Activity–2</b></p> <p>Collect information about optical fibres. Where are they used? How optical fibres and reflection are associated?</p> <p><b>Activity–3</b></p> <p>Write about any five steps one should follow to take care of his/her eyes. Which food items should be included in our diet for the same?</p> <p><b>Activity-4 Reflection</b></p> <p>Make an assignment on the topic "Regular and Diffused Reflection".</p>	<ul style="list-style-type: none"> <li>● Explora</li> <li>● Critical</li> <li>● Observ</li> <li>● Applica</li> <li>● Explora</li> <li>● Identifi</li> <li>● Observ</li> <li>● Analys</li> <li>● Critical</li> <li>● Critical</li> <li>● Observ</li> <li>● Aware</li> <li>● Observ</li> <li>● Analys</li> <li>● Genera</li> </ul>
	November	Unit Test	Revision+UT , Syllabus - Ch 6, 7 and 8	●
	December+March		Revision+Final exams	●

**Subject-Social Science**

**Class-VIII**

MONTH	TOPICS	SUB TOPICS	ACTIVITY	METHOD
APRIL	<b><u>GEOGRAPHY</u></b> <b>CHAPTER:- 1.</b> <b>Resources</b>	<ul style="list-style-type: none"> <li>● 1.Resources and their values</li> <li>● Types of resources</li> <li>● Classification of resources</li> <li>● Conserving Resources</li> </ul>	<b>Resources</b> 1.Mind map of Natural Resources on A4 sheet. 2.Make a Report on Renewable and Non Renewable resources by audio,video or poster. 3.Debate on how human a activities have led to depletion of natural resources. 4 Create a poem on nature	Interactiv Explanati Method
	<b><u>CIVICS</u></b> <b>CHAPTER 1.</b> The Indian constitution and Secularism	1. Need of constitution. 2. Preamble 3. Steps taken to safeguard the rights of religious minorities 4. Exceptions of secularism.	<b>The Indian constitution</b> 1. <b>Write down</b> the preamble to the Indian constitution on A4 sheet and paste in your notebook or scrap file. 2. <b>Create a photo exhibit on the presidents of India giving their name period and tenure</b> 3. <b>Make</b> a chart representing our fundamental Rights and duties. 4. <b>Make a portrait of Dr B.R.Ambedkar</b> 5 <b>On</b> an outline map of world mark any five secular and Non secular countries in the world	Discussion Interactiv Explanati Method
	<b><u>History</u></b> <b>Chapter 1</b> <b>when where and how?</b>	<ul style="list-style-type: none"> <li>● <b>Historical sources</b></li> <li>● <b>Primary sources</b></li> <li>● Periods of History</li> <li>● <b>Secondary sources</b></li> <li>● Colonisation</li> </ul>	<b>How, when and where</b> 1. .with the help of old photographs , letters and stories told by your father and grandfather prepare a short historical description of your family. 2 Find out from your elders the names of your forefathers and make a report in a chronological order. 3. Collect pictures of some monuments of colonial period and write when and why they were constructed.	Story telli Interactiv Explanati Method
MAY	<b><u>GEOGRAPHY</u></b> <b>CHAPTER:-2</b> <b>Land soil water resources</b>	1) Land as resources 2. Land use in India 3. Land use patterns 4. formation ,of soil and conservation methods 5. Water as a resource	1 Make a soil profile on A4 sheet. 2.Make a painting on endangered species of plants and animals in India . <b>3. give details of soil type how the soil is formed it's characteristics reasons and the crop grown</b>	constructi Interactiv Explanati Method

			<b>4. Prepare</b> a model to exhibit the methods of soil conservation	
	<b>HISTORY</b> <b>Chapter 2</b> <b>The British from Trader to Rulers</b>	<ul style="list-style-type: none"> <li>a) East India company comes East</li> <li>b) <b>Trade wars</b></li> <li>c) The Battle of Plassey</li> <li>d) The Battle of Buxar</li> <li>e) <b>Dual Government</b></li> <li>f) <b>Strategies used by the Britishers</b></li> <li>g) <b>Various policies of terrestrial expansion</b></li> </ul>	<ol style="list-style-type: none"> <li>1. Make a chart showing different stages of the British conquest of India.</li> <li>2. On an outline map of India, mark Plassey and Buxar.</li> <li><b>3. Make a painting of Rani Laxmibai</b></li> <li>4. Online offline map of India Mark the trading centre of the following using different colour dutch ,Portugal ,English French</li> </ol>	Story telling Interactive Explanatory Method
	<b>Chapter 3</b> <b>Ruling the countryside</b>	<ul style="list-style-type: none"> <li>● The company becomes the Diwan.</li> <li>● <b>Different Revenue system of the company.</b></li> <li>● Indigo Cultivation</li> <li>● The Blue Rebellion</li> </ul>	<ul style="list-style-type: none"> <li>● Make a flow chart of showing different methods of revenue implemented by the Britishers with year.</li> <li>2. Make a painting showing ill effects of `Indigo cultivation`.</li> <li>3. On an outline map of India Mark and label the areas where the different land revenue system were introduced.</li> </ul>	Discussion Interactive Explanatory Method
JUNE	Summer Break			
JULY	<b>Geography</b> <b>Chapter 3</b> <b>Natural vegetation and wildlife</b>	<ol style="list-style-type: none"> <li>1. Natural vegetation</li> <li>2. Types of vegetation</li> <li>3. Importance of forest</li> <li>4. Conservation of vegetation</li> <li>5. Wildlife</li> <li>6. Conservation of wildlife and step taken by the government</li> </ol>	<ol style="list-style-type: none"> <li>1. Makeup project on different bird sanctuaries and national parks in India.</li> <li>2. Make a poster on conservation of wildlife</li> <li>3. On a map of India Mark the different national parks and wildlife resources in India</li> <li>4. Make a report on the causes and effect of depletion of forest cover. <ul style="list-style-type: none"> <li>a)</li> </ul> </li> </ol>	Interactive Explanatory lecture Method
	<b>Civics</b> <b>Chapter 3</b> <b>Understanding laws</b>	<ul style="list-style-type: none"> <li>● Why do we need laws?</li> <li>● Why are new laws introduced?</li> <li>● Law and dissent</li> <li>4. Unpopular and controversial laws</li> </ul>	<p><b>Understanding laws</b></p> <ol style="list-style-type: none"> <li>1. Through an act show how the judicial system during the British rule is different from the present system.</li> <li>2. Make a presentation on `How a new law made`.</li> </ol>	Interactive Explanatory lecture Method

			<p>3. Collect news clippings about some recent laws and dissents against some laws and make a collage.</p> <p>4. Make a poster for or against reservation of seats for backward classes in government jobs for higher educational institutions.</p>	
AUGUST	<p><b>Civics</b>  <b>Chapter 4</b>  <b>THE Judiciary in India</b></p>	<ul style="list-style-type: none"> <li>● Role of the judiciary</li> <li>● Structure of courts in India</li> <li>● Independent Judiciary.</li> </ul>	<p>1. Make a flow chart on the structure of Indian Judiciary and paste it in your scrapbook.</p> <p>2. Arrange a mock court in class .</p> <p>3. Group discussion on the importance of an independent judiciary in India.</p> <p>4. If you get a chance to interview a judge of a High court of your state what question would you like to ask him prepare a list of questions for interview</p>	<p>Interactiv  Explanati  lecture  Method</p>
	<p><b>History</b>  <b>Chapter 4</b>  <b>Colonisation and tribal societies</b></p>	<p>A) Tribal societies  B) British policies towards tribals  C) Munda rebellion  D) Colonial rule and the tribals  E) Private ownership of land  F) Introduction of forest laws</p>	<p>1. Use internet resources to prepare a case study on birsa Munda and his revolt</p> <p>2. On the outline map of India locate the states where primitive tribal community is reside in India.</p> <p>3. Make a poster on tribal communities.</p>	<p>Interactiv  Explanati  lecture  Method</p>
	Revision			
SEPTEMBER	Half Yearly Exams			
October	<p><b>Geography</b>  <b>Chapter 4</b>  <b>Agriculture</b></p>	<ul style="list-style-type: none"> <li>○ Primary activity, Secondary activity, Tertiary activity .</li> <li>○ Types of farming</li> <li>○ Major Crops</li> <li>○ Agriculture in developing and developed country</li> </ul>	<p><b>Agriculture</b></p> <p>1. On an outline map of India marks the leading producer state of Wheat, rice, cotton, jute and tea.</p> <p>2. Mind map of types of farming.</p> <p>3. Interview the farmer about the condition of their lives and the problems they face in farming .Based on your interview make a report</p>	<p>Discussion  Interactiv  Explanati  Method</p>

	<p><b><u>CIVICS</u></b></p> <p><b>CHAPTER 5</b> <b>Social justice &amp; The Marginalised</b></p>	<ul style="list-style-type: none"> <li>● Adivasis and state where adivasis are mostly found</li> <li>● Adivasis and stereotyping</li> <li>● Displacement of adivasis</li> <li>● Minorities and Marginalisation</li> </ul>	<p><b>Understanding Marginalisation</b></p> <p>1.Presentation on lifestyle of Adivasis. 2.Report on problems of Adivasis.</p>	<p>Discussion Interactiv Explanati Method</p>
	<p><b><u>History</u></b></p> <p><b>Chapter 5</b> <b>Revolt of 1857</b></p>	<ol style="list-style-type: none"> <li>1. The revolt of 1857</li> <li>2. Causes of Revolt</li> <li>3. Centers of Revolt</li> <li>4. Reasons of failure of revolt</li> <li>5. Nature of revolt.</li> </ol>	<ul style="list-style-type: none"> <li>● Collect pictures of the main leaders of the revolt of 1857 and paste in your scrapbook.</li> <li>● On an outline map of India mark the major centers of revolt of 1857</li> <li>● Do a skit or role play of Rani Laxmibai</li> </ul>	<p>Interactiv Explanati lecture Method</p>
	<p><b><u>History</u></b></p> <p><b>Chapter 6</b> 1) <b>Education &amp; British Rule</b></p>	<ol style="list-style-type: none"> <li>1) How the British Saw education</li> <li>2) Officials of the East India Company.</li> <li>3) The local schools The agenda for a national education.</li> <li>4) English act of 1835</li> </ol>	<p><b>Civilizing the Native, educating the Nation</b></p> <p>1.Make a report comparing education in colonial rule and present.</p>	<p>Explanato method</p>
NOVEMBER	<p><b><u>Geography</u></b></p> <p><b>Chapter 5</b> <b>Industries</b></p>	<ol style="list-style-type: none"> <li>1. Classification of industries.</li> <li>2. Factors affecting location of industries.</li> <li>3. Distribution of major industries Location of steel industries in India</li> <li>4. Pittsburgh important steel city of the USA</li> </ol>	<p><b>Industries</b></p> <p>1.Mind map of classification of industries. 2.Make a presentation showing contribution of industries in India`s development. 3.Model of Cottage industry.</p>	<p>Discussion Interactiv Explanati Method</p>
	<p><b><u>Geography</u></b></p> <p><b>Chapter 6</b> <b>Human Resources</b></p>	<ol style="list-style-type: none"> <li>1.Distribution of population</li> <li>2.Factor affecting distribution of population.</li> <li>3. factor affecting population change</li> <li>4. Population Composition</li> <li>5.Examples of population composition Of some countries</li> </ol>	<p><b>Human Resources</b></p> <p>1.On an outline map of India locate the state with high density of population and state with low density of population. 2.Draw a bar diagram to show the population of the top ten countries of the world.</p>	<p>Discussion Interactiv Explanati Method</p>

			3. Make a poster on the topic of an overpopulated world.	
	<u>CIVICS</u>  <b>CHAPTER 6</b> <b>Economic presence of the government (Public facilities)</b>	<ul style="list-style-type: none"> <li>Water as part of the Fundamental Right to life</li> <li>Public facilities</li> <li>Role of the government in providing public facilities.</li> <li>Money for public facilities</li> </ul>	<b>Public Facilities</b> 1. Make a survey in your locality and find out problems of the people regarding public facilities 2. Through a painting show public facilities provided by the government in villages. 3. Debate on water shortage	Discussion Interactive Explanatory Method
	<u>History</u>  <b>Chapter 7</b> <b>Women, caste and reform</b>	<ol style="list-style-type: none"> <li>Women two hundred years ago</li> <li>Girls begin going to school.</li> <li>Women write about women</li> <li>Caste and social reform</li> </ol>	<b>Women, caste and reform</b> <b>1.</b> A play on any social evil related to women. <b>2.</b> Collect pictures of social reformers and paste in scrapbooks. <b>3.</b> Make a collage of famous women of India	Story telling Interactive Explanatory Method 2
December	<u>History</u>  <b>Chapter 8</b> <b>The making of the nationalist Movement.</b>	<ul style="list-style-type: none"> <li>The Indian National Congress.</li> <li>Partition of Bengal</li> <li>The Rowlatt Satyagrah</li> <li>The March to Dandi</li> <li>Quit India and Later</li> </ul>	<b>The making of the national Movement</b> <b>1.</b> Draw a picture of Dandi March. <b>2.</b> Collect pictures of famous revolutionaries and paste in scrap book <b>3.</b> Write famous slogans of Independence	Discussion Story telling Interactive Explanatory Method
	<u>CIVICS</u>  <b>CHAPTER 7</b> <b>Economic presence of the government Law and Social Justice</b>	<ul style="list-style-type: none"> <li>Laws that prevent exploitation</li> <li>Implementation of the laws</li> <li>Enforcement of safety Laws</li> <li>New Laws to protect the environment</li> </ul>	<b>Law and Social Justice</b> <b>1.</b> Write a slogan on saving the environment. <b>2.</b> Make a picture report on Bhopal Gas Tragedy and Recent Gas Tragedy in Andhra Pradesh. <b>3.</b> A painting on Child Labour.	Discussion Interactive Explanatory Method
	<ul style="list-style-type: none"> <li><b>Geography: Chapter 7 Disaster management</b></li> </ul>	<ol style="list-style-type: none"> <li>Man made Disaster</li> <li>Effect of disaster</li> <li>Natural Disaster</li> <li>Disaster Preparedness</li> </ol>	<ul style="list-style-type: none"> <li>Prepare a collage on natural disaster with news clippings &amp; Pictures of natural disaster in India in recent years</li> </ul>	Explanatory method
January	Revision			
February	Final Exams			

वार्षिक-पाठ्यक्रम  
विषय हिन्दी  
कक्षा - आठवीं  
सत्र - 2024-25

पाठ्य पुस्तक → वाणी (गुरुकुल)  
पूरक पुस्तक → भारत की खोज (एन.सी.ई.आर.टी.)  
व्याकरण → गुलमोहर (The Language House)

मास	पुस्तक	उपविषय	क्रियाकलाप
अप्रैल पहला सप्ताह	वाणी	पाठ-1 'इरनाई -जाना' पाठ-2 'अखबार में नाम'	1. पुस्तक में दी गई तस्वीर से संबंधित पोस्टर तैयार कीजिए। 2. अपने जीवन में किसी लक्ष्य का निर्धारण कीजिए और उसे पूरा करने के लिए गए संकल्पों को A4 शीट पर लिखिए।
दूसरा सप्ताह	व्याकरण	'भाषा तथा भाषा के रूप', 'वर्ण विचार'	3. 'चंदा मामा अब दूर के नहीं, दूर के हैं।' प्रधानमंत्री द्वारा कही गई प्रशंसाओं को स्लोगन के रूप में लिखिए।
तीसरा सप्ताह	भारत की खोज व्याकरण	पाठ-1 'पर्यायवाची शब्द', 'वाक्यांश के लिए एक शब्द' कार्य दोहराई	1. हिंदी एवं अंग्रेजी में छपने वाले तीन-तीन समाचारपत्रों के नाम A4 शीट पर लिखिए। 2. गुरदास असावधानी के कारण दुर्घटना शिकार हो गया। सड़क पार करते समय बरती जाने वाली सावधानियों की सूची चार्ट पेपर पर दर्शाइए। 3. प्लेग महामारी पर एक लेख लिखिए।
चौथा सप्ताह	पत्र, अनुच्छेद	'पत्र', अनुच्छेद	

मास	पुस्तक	उपविषय	क्रियाकलाप
मई पहला सप्ताह	पाठ्य-पुस्तक	पाठ-3 'अध्ययन' पाठ-4 'बोध'	1. खाली समय का सदुपयोग आप किस तरह करते हैं-चार्ट पर कुछ वाक्यों द्वारा दर्शाइए। 2. A प शीट पर कुछ महापुरुषों के चित्र नाम सहित कौलॉज तैयार कीजिए।
दूसरा सप्ताह	व्याकरण	शब्द विचार - 'शब्द, पद और शब्द के भेद', विलोम शब्द, अनेकारी शब्द, श्रुतिसम भिन्नार्थक शब्द	3. कुछ प्रसिद्ध साहित्यकारों के नाम लिखकर उनकी दो-दो सूचनाएँ ड्राईंग शीट पर अलग-अलग पैपर (रंगीन) पर दर्शाइए।
तीसरा सप्ताह	अनुच्छेद, पत्र		
चौथा सप्ताह	भारत की खोज	पाठ -2	1. बोध पाठ के आधार पर कृपाशंकर के व्यक्तित्व की विशेषताएँ चार्ट पैपर पर लिखते हुए अन्त में अपनी प्रेरणा की विशेषता दर्शाइए। 2. किसी स्थान की यात्रा का वर्णन कीजिए (अयोध्या)
जून		ग्रीष्मावकाश	
जुलाई पहला सप्ताह	पाठ्य-पुस्तक	पाठ-5 'कर्मवीर' पाठ-6 'मुतांकी'	1. 'कोई काम न तो बड़ा होता है, न छोटा' स्लोगन लिखिए। 2. सूरज, चाँद एवं पेड़-पौधों के चित्र बनाकर प्रकृति से मिलने वाले संदेश लिखिए। 3. जिस प्रकार दशरथ माँझी ने पहाड़ काटकर रास्ता बनाया था। वैसे ही
दूसरा सप्ताह	व्याकरण	लिंग, संज्ञा, सर्वनाम, विशेषण	
तीसरा सप्ताह	भारत की खोज	पाठ-3	

मास	पुस्तक	उपविषय	क्रियाकलाप
जुलाई	अनुच्छेद, पत्र		कविता में पर्वतों को कालों का उल्लेख आया है - इससे संबंधित विचार AY शीट पर लिखिए।
अगस्त			1. श्री रंगानाथ स्वामी मंदिर के बारे में जानकारी एकत्रित करके AY शीट पर चित्र सहित दर्शाइए।
पहला सप्ताह	पाठ्य-पुस्तक	पाठ-7 'सपना सच हो गया	
दूसरा सप्ताह	व्याकरण	क्रिया, काल, मुहावरें, संधि, कारक	1. 'सपने वो नहीं हैं जो हम नींद में देखते हैं सपने वो हैं हमें नींद नहीं आने देते हैं।' यह अब्दुल कलाम का कथन स्लोगन की तरह लिखिए।
तीसरा सप्ताह	विज्ञापन लेखन, संदेश लेखन		
चौथा सप्ताह	भारत की खोज	पाठ-4	2. 'भारत की झूठ महिला वैज्ञानिक' गौरव बढ़ाने वाली किन्हीं पाँच भारतीय महिलाओं के चित्रों द्वारा कौलज तैयार कीजिए।
सितम्बर		अदर्थ वार्षिक परीक्षा	
अक्टूबर			1. कौमल की किस ऋतु में रूक सुनाई पड़ती है, उस ऋतु की विशेषताएँ चार्ट पर कौमल के चित्र के साथ दर्शाइए।
पहला सप्ताह	पाठ्य-पुस्तक	पाठ-8 'नीतिपरक दोहे' पाठ-9 'फटाफटी आहार'	2. संस्कृत का श्लोक - "उदमेन हि सिध्यन्ति कार्याणि न मनोरथैः।

दूसरा सप्ताह	पाठ्य-पुस्तक	पाठ-10 'परोपकारी राजा'	नाह सुप्तस्य सहस्य प्राक्-शक्ति मुखे मृगाः। इसे A4 शीट पर लिखिए।
दूसरा सप्ताह	व्याकरण	अव्यय, पदबन्ध, उपसर्ग-प्रत्यय, अनेकाभा शब्द,	1. 'फास्ट-फूड' के चित्र चिपकाकर नाम सहित कौलॉज तैयार कीजिए।
तीसरा सप्ताह	पत्र, अनुच्छेद	उपसर्ग-प्रत्यय, अनेकाभा शब्द,	2. 'फास्ट-फूड' के अधिक सेवन से होने वाली बीमारियों के नाम A4 शीट पर लिखिए।
तीसरा सप्ताह	पद-परिचय सूचना	विलोम शब्द	
चौथा सप्ताह	भारत की खोज	पाठ-5,6	1. महाराजा रणजीत सिंह के बारे में जानकारी एकत्रित करके चार्ट पर लिखिए। 2. परोपकार विषय पर कोई कहानी कक्षा में सुनाइए।
नवम्बर पहला सप्ताह	पाठ्य-पुस्तक	पाठ-11 'पापा खो गए' पाठ-12 'मातृभूमि'	
दूसरा सप्ताह	व्याकरण	वाक्य तथा वाक्य के भेद-प्रभेद, वाक्य परिवर्तन, वाक्य रचना की	1. किसी गत्ते, लोहे के डिब्बे या अन्य अनुपयोगी सामग्री से लैटर बॉक्स बनाइए। (मॉडल) 2. पुस्तक में दिए गए पाठ से संबंधित दृश्य का पोस्टर तैयार कीजिए।
दूसरा सप्ताह	पत्र, अनुच्छेद	अशुद्धियों और उनका शोधन	
तीसरा सप्ताह	संवाद लेखन	समास, पर्यायवाची शब्द, भिन्नार्थक शब्द	1. कविता में दिए गए 'मातृभूमि' चित्र को A4 शीट पर दर्शाइए। 2. 'तिरंगा झण्डा' मॉडल बनाइए।
चौथा सप्ताह	भारत की खोज	पाठ-7,8	3. देशभक्तों के चित्रों द्वारा कौलॉज बनाइए।

दिसम्बर पहला सप्ताह	पाठ्य-पुस्तक	पाठ-13 'मेरी यादें' पाठ-14 'सूर्यास्त झाँसी का'	1. वाजपेयी जी की कविताओं का संग्रह है - 'मेरी इन्क्यामन कविताएँ'। उस पुस्तक में से कोई एक कविता चार्ट पर लिखिए।
दूसरा सप्ताह	व्याकरण ई-मेल, पत्र	विराम-चिह्न, लौकीकृतियाँ, वचन, वाक्यांश के लिए एक शब्द	2. ताजमहल विश्व के सात आश्चर्यों में से एक है। सातों आश्चर्यों को दर्शाता एक कोलाज बनाइए।
तीसरा सप्ताह	विज्ञापन अनुच्छेद		3. अपनी किसी पुरानी याद को A4 शीट पर लिखिए।
चौथा सप्ताह	भारत की खोज	दोहराई	1. रानी लक्ष्मी को बचपन में क्या-क्या शौक थे। चार्ट पर लिखिए।
			2. घोड़े पर सवार रानी लक्ष्मीबाई की तस्वीर A4 शीट पर बनाइए
			3. युद्ध का दृश्य प्रस्तुत करता हुआ मॉडल तैयार कीजिए।
जनवरी		दोहराई	
फरवरी		एवं	
मार्च		वार्षिक परीक्षा	

वार्षिक पाठ्यक्रम (2024-25)  
विषय संस्कृत  
कक्षा आठवीं  
NEP के अन्तर्गत

माह	पाठ्यपुस्तक	उपविषय
अप्रैल सप्ताह प्रथम	पाठ्यपुस्तक	वर्णों का ज्ञान सुभाषितानि
द्वितीय पाठ - 1	पाठ्यपुस्तक	जन्तुशालाः
तृतीय पाठ - 2	पाठ्यपुस्तक	कृष्णानु लीट लकार
चतुर्थ	व्याकरण	
माह मई सप्ताह प्रथम	पाठ्यपुस्तक	भूषकः महर्षिः कथा
पाठ - 3 द्वितीय	पाठ्यपुस्तक	व्यपदेशों सिद्धि स्यातः
पाठ - 4 तृतीय	पाठ्यपुस्तक	यस्य बुद्धिबल तस्य
पाठ - 5 चतुर्थ	व्याकरण	फल शब्दरूप
माह जून	रीधमकालीन अवकाश	

माह	पठनक्रम	पाठ्यपुस्तक	उपविषय
जुलाई	प्रथम	पाठ्य पुस्तक	वृक्षाणाम् महत्वम्
	पाठ-6		मौखिक अभ्यास
	द्वितीय		
	तृतीय	पाठ्यपुस्तक	शठे शठ्यं समाचरन्
	पाठ-7		
	चतुर्थ	व्याकरण	प्रथम
अगस्त	प्रथम	पाठ्यपुस्तक	महाकविः कालिदासः (क)
	पाठ-8		
	द्वितीय	पाठ्यपुस्तक	महाकवि कालिदासः (ख)
	पाठ-9		
	तृतीय	पाठ्यपुस्तक	राजातन्त्रः दिवसः
	पाठ-10		
	चतुर्थ	व्याकरण	अन्यथ (1-15)
सितम्बर		अर्द्धवार्षिक परीक्षा	
अक्टूबर	प्रथम	पाठ्यपुस्तक	नीति वचनानि
	पाठ-11		

	द्वितीय पाठ-12	पाठ्यपुस्तक	सकलव्यस्य कथा
	तृतीय पाठ-13	पाठ्यपुस्तक	किञ्चिदपि न
	चतुर्थ	व्याकरण	अव्यय (15 से 30)
माह	नवम्बर		
	प्रथम पाठ-14	पाठ्यपुस्तक	प्रहलिकाः
	द्वितीय पाठ-15	पाठ्य पुस्तक	मैत्री रलयान
	तृतीय पाठ-16	पाठ्य पुस्तक	सर्व परवशं दुःखम्
	चतुर्थ	व्याकरण	विशेषण
माह	दिसम्बर		
	प्रथम + द्वितीय सप्ताह	पाठ्यपुस्तक	ऋतुराजी वसन्तः
	तृतीय + चतुर्थ	व्याकरण	पत्रलेखम्

माह	जनवरी	मौखिक + लिखित अभ्यास
माह	फरवरी	खीहराई कार्य
	मार्च	वार्षिक परीक्षा

**SUBJECT- GK**

<b>Months</b>	<b>Section -A</b>	<b>Methodology</b>	<b>Months</b>	<b>Section -B</b>	<b>Methodology</b>
<b>April</b> <b>Ist Week</b>  <b>IIInd Week</b>  <b>IIIrd Week</b>  <b>Iv th Week</b>	<b>1.Mammals</b> <b>2. Poisonous Plants</b> <b>3.Fungi</b> <b>4. Creepy Crawlies</b> <b>5.Natural Phenomena</b> <b>6. Medical Invention</b> <b>7. Phobia</b> <b>8. Technologies Around</b> <b>9. Everyday Science</b> <b>10.Bio Terms</b>	<b>Lecture and explanation method</b>   <b>Illustrative and deductive method</b>	<b>October</b> <b>Ist Week</b>  <b>IIInd Week</b>  <b>IIIrd Week</b>  <b>IVth Week</b>	<b>29.Weird buildings</b> <b>30.Libraries of the world</b> <b>31.National Anthems</b> <b>32.Elite forces of the world</b> <b>33.Multinational companies</b> <b>34.Sports Terminology</b>	<b>Lecture and explanation method</b>   <b>Demonstrative and explanation method</b>
<b>May</b> <b>Ist Week</b>  <b>IIInd Week</b>  <b>IIIrd Week</b>  <b>IV th Week</b>	<b>11.Latest Scientific Fields</b> <b>12.E - commerce companies</b> <b>13.Smart Gadgets</b> <b>14.Stark Dates of the past</b> <b>15.Soldiers of fortune</b> <b>16.Administrative agencies</b>	<b>Narrative and interactive method</b>   <b>Explanation and demonstrative method</b>	<b>November</b> <b>Ist Week</b>  <b>IIInd Week</b>  <b>IIIrd Week</b> <b>IVth Week</b>	<b>35. Unique Sports</b> <b>36.Cricket logos of the world</b> <b>37.Football clubs of the world</b> <b>38.Martial Arts</b> <b>39. Para Athletes</b> <b>40.Winter Olympics</b>	<b>Demonstrative and explanation method</b>   <b>Narrative and inductive method</b>

<p><b>July</b></p> <p>Ist weel</p> <p>Iind week</p> <p>IIIrd Week</p> <p>IV th week</p>	<p>17.Indigenous Defence Equipments</p> <p>18.Soldiets of Fortune</p> <p>19.Administrative Agencies</p> <p>20.Buildings in India</p> <p>21.Mythical creatures</p> <p>22.Global Indians</p> <p>23.Museums in India</p> <p>24.Educational Entrance Exams in India</p> <p>25.Investigation Agencies in India</p>	<p>Explanation and lecture method</p> <p>Demonstrative and story telling method</p>	<p>January Ist week</p> <p>Iind week</p> <p>Iird week</p> <p>Ivth week</p>	<p>41.Online games</p> <p>42. Great Epics of the world</p> <p>43.Dance Styles</p> <p>44.Hollywood Hues</p> <p>45.World's famous paintings</p> <p>46.Cinema Quiz</p> <p>47.Famous movie characters</p> <p>48.International Film Festivals</p>	<p>Demonstrative and explanation method</p> <p>Narrative and Inductive method</p>
<p><b>August</b></p> <p>Ist Week</p> <p>IInd Week</p> <p>IIIrd Week + IV th Week</p>	<p>26.Volcanic Eruptions</p> <p>27.Global Warming</p> <p>28. World leaders</p> <p>29.Revision for half yearly Exam</p>	<p>Illustrative and deductive method</p>	<p>January Ist Week</p> <p>IInd Week</p> <p>IIIrd Week</p> <p>Ivth week</p>	<p>49.Classics Retold</p> <p>50.Alien Words</p> <p>51.Acronyms</p> <p>52.Autobiographies</p> <p>53.Brain Teasers</p> <p>54Cool jobs</p> <p>55.Patterns</p> <p>56.Sudoku</p>	<p>Lecture and explanation method</p> <p>Illustrative and explanation method</p>

## **SUBJECT – COMPUTER**

Month/Week	Topic	Subtopic	Methodology	Activities
(April) Week-1  Week -2  Week-3 Week -4	Ch- 1(Networking Concept)	<ul style="list-style-type: none"> <li>➤ Computer Network</li> <li>➤ Component of Network</li> <li>➤ Communication Media</li> <li>➤ Network devices</li> <li>➤ Network Architecture</li> <li>➤ Types of Network</li> <li>➤ Network Topology</li> <li>➤ Network Protocol</li> <li>➤ Security of Networks</li> </ul>	Lecture cum demonstration	<ul style="list-style-type: none"> <li>➤ Show and explain the type of computer network and network topology being used in the school computer lab.</li> <li>➤ Draw a beautiful chart on any topology starting examples of industries or types of places where that topology is preferred.</li> </ul>
(May ) Week-1  Week -2  Week-3  Week -4	Ch:2(Introduction to GIMP)  Ch-3(More on GIMP)	<ul style="list-style-type: none"> <li>➤ GIMP</li> <li>➤ Features</li> <li>➤ Interface of GIMP</li> <li>➤ Modifying On -screen size of image</li> <li>➤ Selection tools</li>   <li>➤ Opening an image for editing</li> <li>➤ Healing tool</li> <li>➤ Clone tool</li> <li>➤ Filling Colors</li> </ul>	Lecture cum demonstration	<ul style="list-style-type: none"> <li>➤ Demonstrate and explain the use of different tools discussed in the chapter.</li> <li>➤ Show and explain the difference between the use of healing tool and clone tool</li> </ul>
June				
(July)Week-1  Week -2  Week-3  Week -4	Block Coding Ch-1( Variables in Real Life)  Ch-1( Variables in Real Life)	<ul style="list-style-type: none"> <li>➤ Variable Initialization</li> <li>➤ Data types in Programming</li> <li>➤ Math Operation in Programming</li> </ul>	Lecture cum Demonstration	<ul style="list-style-type: none"> <li>➤ Make a calculator in Make code arcade</li> <li>➤ WRAP area of rectangle in make code arcade</li> </ul>
(August) Week-1  Week -2  Week-3	Ch-6(Introduction to data science)	<ul style="list-style-type: none"> <li>➤ Introduction</li> <li>➤ Advantages</li>   <li>➤ Components</li>   <li>➤ Applications</li>   <li>➤ Data science life cycle</li> </ul>	Project method	<ul style="list-style-type: none"> <li>➤ Design the poster of data science using SmartArt feature in Ms Word</li> <li>➤ Design the poster on the topic “skills required to be a data scientist” using MS Word.</li> <li>➤ Explain the Data Science Life Cycle in detail with</li> </ul>

Week -4		➤ Role of data scientist		the help of real life examples.
September	Revision + Half Yearly Examination			
(October) Week-1  Week -2  Week-3  Week -4	Ch-7 (Understanding Robotics)	<ul style="list-style-type: none"> <li>➤ Introduction</li> <li>➤ Technology behind Robotics</li> <li>➤ Applications</li> <li>➤ Renowned Robots</li> <li>➤ Advantages of Robots</li> <li>➤ Disadvantages</li> <li>➤ Challenges faced in implementation of Robots</li> <li>➤ Robots Present and future</li> </ul>	Lecture cum demonstration method	<ul style="list-style-type: none"> <li>➤ Type the summary of a movie you have watched that involves robots in word.</li> <li>➤ Visit some robot developing educational websites and develop a robot of your own.</li> </ul>
November Week-1  Week -2  Week-3  Week -4	Block coding Ch-2(Sequence in coding)  Ch-3 Fun with Functions	<ul style="list-style-type: none"> <li>➤ Different Python functions and their types</li> <li>➤ Introduction</li> <li>➤ Advantages of using Functions</li> <li>➤ How to reduce redundancy using Functions</li> <li>➤ Different functions Parameter</li> <li>➤ Introduction</li> <li>➤ What is Sequencing/ Bug <ul style="list-style-type: none"> <li>➤ Nested loop</li> <li>➤ Recap of loops</li> <li>➤ Examples</li> <li>➤ Types of loops</li> </ul> </li> </ul>	Lecture cum demonstration method	<ul style="list-style-type: none"> <li>➤ Write a code to find sum, difference, product of 270 and 30.</li> <li>➤ Write a program to display your name ten times.</li> </ul>
December Week-1	Ch-4 Understanding	➤ What are collections?	Lecture cum demonstration method	➤ To create a Calculator

Week -2	arrays & collections			➤ Selection Sort Algorithm
Week-3	Ch-4 Understanding arrays & collections	➤ Arrays		
Week -4	Ch-9(Graphics in Python)	➤ How can we Iterate Over collections?		
January Week-1	Ch- 5 (Hello Word With Code)	➤ Programming Language	Explanation method	➤ Program related to variables and Data types
Week -2		➤ Sorting the List- Selection Sort		
Week-3	Ch- 5 (Hello Word With Code)	➤ Getting used to Syntax		
Week -4		➤ Variables and ➤ Data Types		
February		Revision		
March		Annual Exam		