

# Annual Pedagogical Plan of 2022-23

## Subject - English

### Class – VII

Sr . No.	Month	Working Days	TP	Name of the Unit and objectives	Methodology / Pedagogy	Learning Outcomes	Subject Enrichment Activities
1	August	20	8	<b>Buzz Word</b> <b>Theme-</b> Lifeline <b>Poem</b> –The Bridge Builder <b>Grammar</b> – Modals, Adjective and kind of adjectives.	Discussion and Explanation, video, worksheet, PDFS virtual classroom and poster making.	Students will be aware of the things which act as lifelines in communication for people.	Speaking skills and listening skill Unseen passage.
2	September	21	11	<b>Revision for the Post Mid- term test</b>			
3	October	15	11	<b>Buzz Word</b> <b>Theme-</b> Sporting Spirit <b>Prose-</b> The Great wall of Rishikesh. <b>Poem-</b> Missed <b>Grammar</b> – Adverbs, Preposition, Factual writing , Diary writing and Informal letter. <b>Supplementary reader</b> I want something in a cage.	Discussion and Explanation, video, worksheet, PDFS virtual and classroom	Students can realize the necessity of the spirit of sportsmanship.	
4	November	20	17	<b>Buzz Word</b> <b>Theme-</b> Caring The Quarrel(play)	Discussion and Explanation, video, worksheet, PDFS virtual and	Students can understand the term caring can induce a wide	

				<b>Poem –The Hero</b> <b>Supplementary reader</b> Chandni <b>Grammar</b> -Direct and in direct speech Letter to the Principal	classroom.	range of emotions and feelings.	
5	December	20	12	<b>Pre Mid-term test</b> <b>Buzz Word</b> <b>Theme</b> - Food <b>The Vanishing Lunch boxes</b> <b>Poem</b> - Candy man <b>Supplementary reader</b> The Bear story <b>Grammar</b> -Active and passive voice, Informal letter.	Discussion, Explanation and Narration.	Students will appreciate the characters and their love for food in a variety of situations.	
6	January	12	11	<b>Buzz Word</b> <b>Theme</b> - Surviving the Elements <b>Poem</b> - Courage! Courage! Courage! <b>Supplementary reader</b> An Alien Hand. <b>Grammar</b> -Condition Clauses using -If	Discussion, Explanation and Narration.	Students will respect the survival skills of humans and animals.	Speaking skills and listening skill. Unseen passage.

MONTH	TOPIC	METHODOLOGY	LEARNING OUTCOMES	WORKING DAYS
<b>April</b>	<p>NUTRITION IN PLANTS</p> <ul style="list-style-type: none"> <li>• Nutrition</li> <li>• Modes of nutrition</li> <li>• Autotrophic nutrition- photosynthesis.</li> <li>• Parasitic plants</li> <li>• Saprophytic plants</li> <li>• Symbiotic plants</li> <li>• Insectivorous plants</li> </ul> <p>NUTRITION IN ANIMALS</p> <ul style="list-style-type: none"> <li>• Steps in animal nutrition</li> <li>• Nutrition in humans</li> <li>• Nutrition in ruminants</li> <li>• Nutrition in Amoeba</li> </ul>	<ul style="list-style-type: none"> <li>• To explore and find the difference between saprophytic/parasitic and green plants.</li> <li>• To collect various interesting facts on insectivorous plants.</li> <li>• To show videos depicting photosynthesis, saprotrophic, Parasitic and insectivorous mode of nutrition.</li> <li>• To observe and count the number of teeth.</li> <li>• To explore the surroundings and observe the process of ingestion in different animals.</li> <li>• Usage of videos to show the process of digestion in humans, ruminants and amoeba.</li> </ul>	<ul style="list-style-type: none"> <li>• To explain the process of nutrition.</li> <li>• To classify the Modes of nutrition.</li> <li>• To differentiate between Autotrophic and Heterotrophic nutrition.</li> <li>• To write the word equation of photosynthesis.</li> <li>• To identify parasitic plants, Saprophytic plants, insectivorous plants and symbiotic plants.</li> <li>• To identify and understand the steps of nutrition in human beings.</li> <li>• To analyze the functions of different digestive organs in Human Digestive System.</li> <li>• To draw a well labeled diagram of Human Digestive System.</li> <li>• To explain the process of digestion in ruminants and amoeba</li> </ul>	<b>18</b>

<b>June</b>	<p><b>FIBRE TO FABRIC</b></p> <ul style="list-style-type: none"> <li>• Animal Fibres</li> <li>• From fibre to wool</li> <li>• From cocoon to silk.</li> </ul>	<ul style="list-style-type: none"> <li>• To show videos depicting wool and silk production.</li> <li>• To explore different kinds of fabric by touching, soaking in water, burning etc.</li> </ul>	<ul style="list-style-type: none"> <li>• To explore various animal fibres such as wool, silk etc.</li> <li>• To ask question leading to investigation-Do some of our cloth come from animal source?</li> <li>• To explain the process of Manufacturing wool and silk fabric from fibre.</li> </ul>	<b>10</b>
	<p><b>HEAT, FLOW AND TEMPERATURE</b></p> <ul style="list-style-type: none"> <li>• Heat energy</li> <li>• Measurement of temperature</li> <li>• Transmission of heat.</li> <li>• Conduction</li> <li>• Convection</li> <li>• Radiation</li> </ul>	<ul style="list-style-type: none"> <li>• Experiment to show heat and cold are relative.</li> <li>• Explore type of thermometer found at home.</li> <li>• Read body temperature.</li> </ul>	<ul style="list-style-type: none"> <li>• To identify temperature of body.</li> <li>• To identify transmission of heat in solid, liquid and gas.</li> <li>• To differentiate between conduction and convection.</li> <li>• To relate applications of conduction, convection and radiation in daily life.</li> </ul>	
<b>REVISION FOR PERIODIC TEST</b>				
<b>July</b>	<p><b>ACID, BASE AND SALT</b></p> <ul style="list-style-type: none"> <li>• Acids and Bases</li> <li>• Indicators</li> <li>• Neutralization reaction and its uses in everyday life</li> </ul>	<ul style="list-style-type: none"> <li>• To conduct experiment and test whether substance is acidic, basic or neutral using natural indicators.</li> <li>• To study a neutralization reaction through experimentation.</li> <li>• To make a card using turmeric paste and soap solution.</li> </ul>	<ul style="list-style-type: none"> <li>• To identify the nature of materials as acidic, basic and neutral by observing different colours with indicators.</li> <li>• To relate the process of neutralization with daily life</li> </ul>	<b>24</b>

	<p>PHYSICAL AND CHEMICAL CHANGE.</p> <ul style="list-style-type: none"> <li>• Physical changes</li> <li>• Chemical changes</li> <li>• Crystallization</li> </ul>	<ul style="list-style-type: none"> <li>• To demonstrate different chemical and physical changes through live experiments and video.</li> </ul>	<ul style="list-style-type: none"> <li>• To differentiate between uniform and non-uniform motion</li> <li>• To plot and interpret distance-time graph.</li> <li>• To list different physical and chemical changes.</li> <li>• To categorize the changes into physical and chemical</li> </ul>	
<p><b>August</b></p>	<p>WEATHER CLIMATE AND ADAPTIONS OF ANIMALS TO CLIMATE</p> <ul style="list-style-type: none"> <li>• Weather</li> <li>• Elements of weather</li> <li>• Climate</li> <li>• Climate and adaptation</li> </ul> <p>WINDS, STORMS AND CYCLONE</p> <ul style="list-style-type: none"> <li>• Wind</li> <li>• Main characteristics of wind</li> <li>• Generation of wind current</li> <li>• Pressure</li> <li>• Thunderstorm</li> </ul> <p>SOIL</p> <ul style="list-style-type: none"> <li>• Soil &amp; its formation</li> <li>• Soil profile</li> <li>• Types of soil</li> <li>• Properties of soil</li> <li>• Soil erosion</li> </ul>	<ul style="list-style-type: none"> <li>• Plot a graph of daily changes in temperature</li> <li>• To demonstrate how thunderstorm and cyclone occur and explained air pressure and videos.</li> <li>• To demonstrate how soil erosion occur there properties and how to prevent them with explanation and videos</li> </ul>	<ul style="list-style-type: none"> <li>• Weather changes and responsible element for it</li> <li>• Weather report preparation</li> <li>• Weather related to climate change</li> <li>• Climate changes affect animals and plants</li> <li>• Importance of air pressure</li> <li>• High speed wind reduces air pressure</li> <li>• What are thunderstorm and cyclone</li> <li>• Destruction cause by cyclones</li> <li>• Safety measures against cyclones</li> <li>• How soil formed</li> <li>• Relation between soil and crop</li> <li>• pH affect the soil</li> <li>• Soil erosion and preventions</li> <li>• Importance of soil</li> </ul>	<p>20</p>

September	REVISION FORM MID TERM			20
October	<p>RESPIRATION IN ORGANISMS</p> <ul style="list-style-type: none"> <li>• Defining respiration</li> <li>• Types of respiration</li> <li>• Respiration in humans</li> <li>• Breathing in other animals</li> <li>• Respiration in plants</li> </ul> <p>TRANSPORTATION IN PLANTS AND ANIMALS.</p> <ul style="list-style-type: none"> <li>• Transport of materials</li> <li>• Circulatory system</li> <li>• Excretory system in humans</li> <li>• Transport of substances in plants</li> </ul>	<ul style="list-style-type: none"> <li>• To explain the mechanism of breathing using a model of lungs.</li> <li>• To show that exhaled air contains carbon dioxide.</li> <li>• To find out that the breathing rate increases with any physical activity.</li> <li>• To calculate the breathing rate while resting.</li> <li>• Usage of videos to show mechanism of breathing and gaseous exchange in human beings.</li> <li>• To find out and compare the pulse rate at rest and after physical activity.</li> <li>• To construct a model of stethoscope.</li> <li>• To show conduction of water through stem.</li> <li>• Usage of video to show working of circulatory and excretory system in human beings</li> </ul>	<ul style="list-style-type: none"> <li>• To explain cellular respiration.</li> <li>• To differentiate between Breathing and respiration.</li> <li>• To distinguish between aerobic and anaerobic respiration</li> <li>• To describe the mechanism of breathing.</li> <li>• To explore the process of gaseous exchange in animals and plants</li> <li>• To learn the importance of blood as a medium of transport in human body.</li> <li>• To explain the working of circulatory and excretory system.</li> <li>• To find out the significance of nutritious food, intake of water and exercise for healthy heart and kidneys.</li> </ul>	15

<b>November</b>	<p>Reproduction in plants.</p> <ul style="list-style-type: none"> <li>• Modes of reproduction</li> <li>• Methods of Asexual mode of reproduction.</li> <li>• Vegetative reproduction</li> <li>• Sexual reproduction</li> <li>• Pollination</li> <li>• Dispersal of seeds and fruits.</li> </ul>	<ul style="list-style-type: none"> <li>• Sporulation of fungi on stale bread</li> <li>• Vegetative propagation in potato.</li> <li>• Study of bryophyte leaf.</li> <li>• Cutting of rose stem and preparing new pot of plant. (artificial propagation)</li> <li>• Dissection of hibiscus flower and study of its various parts.</li> <li>• Observe fruit and seed.</li> <li>• Video of plant life cycle.</li> </ul>	<ul style="list-style-type: none"> <li>• To analyze and differentiate different types of plants on the basis of mode of reproduction.</li> <li>• To perform artificial vegetative propagation</li> <li>• To find out various ways of pollination.</li> <li>• Identify seed and fruit dispersal.</li> </ul>	<b>23</b>
	<p>TIME AND MOTION</p> <ul style="list-style-type: none"> <li>• Objects in motion</li> <li>• Speed</li> <li>• Measurement of time</li> <li>• Uniform and non-uniform motion</li> <li>• Distance-time graph</li> </ul>	<ul style="list-style-type: none"> <li>• To find the time period of a simple pendulum</li> <li>• To write a paragraph on time management</li> <li>• To show video for uniform and non-uniform motion</li> </ul>	<ul style="list-style-type: none"> <li>• To recall different types of motion.</li> <li>• To calculate speed of a moving object.</li> <li>• To explore ancient methods of time measurement.</li> </ul>	
<b>REVISION FOR 2<sup>nd</sup> PERIODIC</b>				

<p style="text-align: center;"><b>December</b></p>	<p><b>ELECTRIC CURRENT AND ITSEFFECTS.</b></p> <ul style="list-style-type: none"> <li>• Electriccurrent</li> <li>• Electric circuitanditscompon ents</li> <li>• EffectsofElectric current</li> </ul> <p><b>LIGHT</b></p> <ul style="list-style-type: none"> <li>• Reflectionoflight</li> <li>• Imageformed byplanemirro r</li> <li>• Sphericalmirr orsandLenses</li> <li>• Dispersionofli ght.</li> </ul> <p><b>WATER: A PRECIOUS RESOURCES</b></p> <ul style="list-style-type: none"> <li>• State of water</li> <li>• Water cycle</li> <li>• Source of water</li> <li>• Depletion of water table</li> <li>• Water management</li> <li>• Purification of water</li> <li>• Water pollution</li> </ul>	<ul style="list-style-type: none"> <li>• To construct an electriccircuitandelectro magnet.</li> <li>• Using video to explain workingofFuseandMCB.</li> <li>• To compare thestructure and workingof CFL, LED and anordinarybulb.</li> <li>• To study the sampleofanelectrici tybill.</li> <li>• To explain working of Electricbell throughvideo.</li> <li>• To demonstrate imageformation by concave andconvexmirrorsandlense s.</li> <li>• To demonstrate thedispersion of light usingglassprism</li> <li>• To observe the imageformedbyplanemi rror</li> <li>• List major dams of India which are multipurpose projects. Also write an account about Tehri Dam. Who is the famous activist who was against building of Tehri Dam and Why?</li> </ul>	<ul style="list-style-type: none"> <li>• Todrawsymbolsandcircuitdi agram</li> <li>• To discussvariouswaysofred ucing consumption ofelectricalenergy.</li> <li>• To find out devices where heatingand magnetic effects of electriccurrentareused.</li> <li>• Tounderstandreflectionoflight.</li> <li>• Tolistthecharacteristicsofi mageformed by concave andconvexmirrors.</li> <li>• To relate light energy tophotosynthesisin livingorganisms.</li> <li>• Water as a natural resource</li> <li>• Why is water essentials?</li> <li>• Why do we save water?</li> <li>• Water cycle and sources of water</li> <li>• Distribution of water and water management</li> <li>• Causes of water pollution</li> </ul>	<p style="text-align: center;"><b>21</b></p>
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<p><b>January</b></p>	<p><b>FOREST: OUR LIFELINE</b></p> <ul style="list-style-type: none"> <li>• Uses and importance of forest</li> <li>• Interaction among plants and animals in forest</li> <li>• Depletion and conservation of forest</li> </ul> <p><b>WASTE WATER STORY</b></p> <ul style="list-style-type: none"> <li>• Cleaning of Dirty water</li> <li>• Sewage system</li> <li>• Wastewater treatment</li> <li>• Sanitation and diseases</li> </ul>	<ul style="list-style-type: none"> <li>• You select your school campus. Find out the tree there and prepare a record of them. In data you can include name of tree, its relative location, probable age of tree and year in which it is planted.</li> </ul>	<ul style="list-style-type: none"> <li>• What do we get from forest?</li> <li>• Plants and animal depend on each other</li> <li>• Agroforestry and social forestry</li> <li>• Food chain and food web</li> <li>• Food chain distribution</li> </ul> <ul style="list-style-type: none"> <li>• Waterwaste</li> <li>• Need of water</li> <li>• Sewage treatment plant</li> <li>• Sanitation and water borne diseases</li> <li>• Public places and sanitation</li> </ul>	
<p><b>February</b></p>	<p><b>REVISIONFORFINALTERMEXAMINATION.</b></p>			

**MATHEMATICS**

**CLASS -VII**

MONTH	TOPIC	METHODOLOGY / ACTIVITIES	LEARNING OUTCOMES	WORKING DAYS
<b>April</b>	<ul style="list-style-type: none"> <li>• Multiplication &amp; division Integers</li> <li>•</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplying integers on the number line</li> <li>• Link- <a href="https://youtu.be/ve7oSl7Q0Qw">https://youtu.be/ve7oSl7Q0Qw</a></li> </ul>	<ul style="list-style-type: none"> <li>• Define 'integers'</li> <li>• Distinguish integers from other types of numbers</li> <li>• Order integers from least to greatest and greatest to least</li> <li>•</li> </ul>	<b>27</b>
<b>June</b>	Multiplication and division of fractions	<ul style="list-style-type: none"> <li>• To find the product of two given fractions</li> <li>• Link- <a href="https://youtu.be/p2TCv4wf-ug">https://youtu.be/p2TCv4wf-ug</a></li> </ul>	<ul style="list-style-type: none"> <li>• Addition and subtraction of fractions</li> <li>• Multiplication of fractions</li> <li>• Division of fractions</li> </ul>	

<p><b>July</b></p>	<ul style="list-style-type: none"> <li>Data Handling</li> </ul> <p>Linear Equations</p>	<ul style="list-style-type: none"> <li>Record the data to represent number of seats won by different political parties in Lok Sabha Election in 2014 and 2019. Draw the bar graphs to represent the polling result in both terms.</li> <li>Link- <a href="https://youtu.be/2w-R0_QRPG4">https://youtu.be/2w-R0_QRPG4</a></li> <li>To solve a puzzle of linear equation in one variable Link - <a href="https://youtu.be/1N20VrPmxdk">https://youtu.be/1N20VrPmxdk</a></li> </ul>	<ul style="list-style-type: none"> <li>Organisation of data</li> <li>Representative values</li> <li>Arithmetic mean</li> <li>Range</li> <li>Mode</li> <li>Mode of large data</li> <li>Median</li> <li>Use of bar graphs with a different purpose</li> <li>Chance and probability</li> </ul> <p>What equation is? Solving an equation</p> <p>Applications of simple equations to practical situations</p>	
<p><b>August</b></p>	<p>Lines &amp; Angles</p> <ul style="list-style-type: none"> <li>The Triangles &amp; its Properties</li> </ul>	<ul style="list-style-type: none"> <li>To find out the relation between two vertically opposite angles, formed by the intersection of two straight lines at a point</li> <li>Link- <a href="https://youtu.be/3spe3_MRkIw">https://youtu.be/3spe3_MRkIw</a> <a href="https://youtu.be/MsggVrAXXkM">https://youtu.be/MsggVrAXXkM</a></li> <li>To verify that the sum of the three angles of a triangle is <math>180^\circ</math>.</li> <li>Link - <a href="https://youtu.be/nvrgkKIVvnU">https://youtu.be/nvrgkKIVvnU</a></li> <li>To verify Pythagoras theorem</li> <li>Link- <a href="https://youtu.be/dxyti_wCWaE">https://youtu.be/dxyti_wCWaE</a></li> <li>To verify that an exterior angle of a triangle is equal to the sum of its interior opposite angles.</li> <li>Link- <a href="https://youtu.be/97ECojRXsiM">https://youtu.be/97ECojRXsiM</a></li> </ul>	<ul style="list-style-type: none"> <li>Complementary angles and supplementary angles</li> <li>Adjacent angles and vertically opposite angles</li> <li>Intersecting lines</li> </ul> <ul style="list-style-type: none"> <li>Introduction to triangles</li> <li>Medians of a triangle</li> <li>Altitudes of a triangle</li> <li>Exterior angle of a triangle and its property</li> <li>Angle sum property of a triangle</li> <li>Equilateral and isosceles triangles</li> <li>Sum of the lengths of two sides of a triangle</li> <li>Right-angled triangles and Pythagoras theorem</li> </ul>	<p>20</p>

Revision for Periodic 1				
September	<ul style="list-style-type: none"> <li>Rational Numbers</li> <li>Operations on rational numbers</li> </ul>	<ul style="list-style-type: none"> <li>What is rational numbers? <a href="https://www.youtube.com/watch?v=YTwnztZnxUY">https://www.youtube.com/watch?v=YTwnztZnxUY</a></li> <li>addition of rational numbers</li> <li>subtraction of rational numbers</li> </ul>	<ul style="list-style-type: none"> <li>Rational numbers</li> <li>like rational numbers and unlike rational numbers</li> <li>comparison of numbers</li> <li>addition of rational numbers</li> <li>subtraction of rational numbers</li> </ul>	26
	<b>Revision &amp; Mid-term Exams</b>			
October	<b>Unitary method and Percentage</b>	<ul style="list-style-type: none"> <li>Represent Percentage using a 10 x10 grid</li> <li>Link - <a href="https://youtu.be/SflsofMkzLw">https://youtu.be/SflsofMkzLw</a></li> </ul>	<ul style="list-style-type: none"> <li>Equivalent ratios</li> <li>Percentage and its uses</li> <li>Conversion of decimals, fractions into percentage and vice-versa</li> <li>Ratios to percentage</li> <li>Increase and decrease in percent</li> <li>Prices related to an item on buying and selling</li> <li>Profit and loss as a percentage</li> <li>Charge given on borrowed money or simple interest</li> </ul>	19

November	<p>Decimals : Multiplication &amp; division</p> <p>Conversion of measuring units</p> <ul style="list-style-type: none"> <li>• Constructions</li> </ul>	<p>Multiplication and division of decimals  <a href="https://www.youtube.com/watch?v=Fc2tgg12XaI">https://www.youtube.com/watch?v=Fc2tgg12XaI</a></p> <p>Metric Measures</p> <ul style="list-style-type: none"> <li>• Construction of a line parallel to a given line, through a point not on the line</li> <li>• Link - <a href="https://youtu.be/pCMwROMYpRs">https://youtu.be/pCMwROMYpRs</a></li> <li>• Link- <a href="https://youtu.be/d5c8Z-P0uHE">https://youtu.be/d5c8Z-P0uHE</a></li> </ul>	<ul style="list-style-type: none"> <li>• Addition and subtraction of decimals</li> <li>• Multiplication of decimal numbers</li> <li>• Division of decimal numbers</li> </ul> <ul style="list-style-type: none"> <li>○ converting bigger units into smaller units</li> <li>○ converting smaller unit into bigger unit</li> </ul> <ul style="list-style-type: none"> <li>• Construction of a line parallel to a given line, through a point not on the line</li> <li>• Construction of triangles</li> <li>• Constructing a triangle when the lengths of its three sides are known (SSS criterion)</li> <li>• Constructing a triangle when the lengths of two sides and the measure of the angle between them are known. (SAS criterion)</li> <li>• Constructing a triangle when the measures of two of its angles and the length of the side included between them is given. (ASA criterion)</li> <li>• Constructing a right-angled triangle when the length of one leg and its hypotenuse are given (RHS criterion)</li> </ul>	
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<p><b>December</b></p>	<p>Exponents &amp; Power</p> <ul style="list-style-type: none"> <li>Perimeter &amp; Area</li> </ul>	<ul style="list-style-type: none"> <li>To derive a formula for the area of a triangle , given its base and height.</li> <li>Link- <a href="https://youtu.be/ur9ffiT-Uiw">https://youtu.be/ur9ffiT-Uiw</a></li> <li>To verify quotient law by paper folding activity</li> </ul> <p>Link - <a href="https://youtu.be/T9H8D7iu5BI">https://youtu.be/T9H8D7iu5BI</a></p>	<ul style="list-style-type: none"> <li>Perimeter and area of squares and rectangles</li> <li>Area of triangle</li> <li>Area of parallelogram</li> <li>Area and Circumference of a circle</li> <li>Applications in real life</li> <li>Multiplying powers with the same base</li> <li>Dividing powers with the same base</li> <li>Taking power of a power</li> <li>Multiplying powers with the same exponents</li> <li>Dividing powers with the same exponents</li> <li>Miscellaneous examples using the laws of exponents</li> <li>Decimal number system</li> </ul> <p>Expressing large numbers in the standard form</p>	<p><b>22</b></p>
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Social Studies				Class VII
Month	Topic	Methodology	Learning Outcomes	Working Days
April	<u>Geography Lesson 1</u> Earth's Structure & Landforms  <u>History Lesson 1</u> The Medieval Period	Using the diagrams and images  Use of Images and Maps	To illustrate about the changes which occur inside and On the surface of the Earth..  To make the students understand political developments which are influenced by social and religious groups.	18
June	<u>Geography Lesson 2</u> The Atmosphere  <u>Civics Lesson 2</u> Democracy & Equality	Use of case study  Using the smart class and Images and Writing skills	To let the students understand about the diversity of language, food, religion and many more.  To generate the feeling of Equality along with the meaning of Democracy.	10
July	<u>Geography Lesson 3</u> Water  <u>History Lesson 2</u> The Kings and Kingdoms of Medieval period  <u>History Lesson 3</u> The Delhi Sultanate	Interactive session with charts and diagrams  Use of smart class and Images  Interactive session with Use of smart class and Images and Role play	To make students aware about water and its importance .  To teach the students about various kingdoms of past and their Administration.  To teach the students about the architecture and working strategy of the then Emperor	24



August	<u>History Lesson 4</u> Mughal Empire  <u>Civics Lesson 2</u> State Government- The Legislature  Geography <u>Lesson 8</u> Life in Tropical and Sub-tropical region.	Use of pictures and videos related to the topic.  Use of flow charts and diagrams.  Use of smart class and prescribed text book.	To understand more closely the changes over the time and Architectural and Engineering skills of that time .  To understand better the working of legislative body.  To understand different types of vegetation, flora and fauna found in different regions of the world.	20
October	<u>Civics Lesson 3</u> State Government - The Executive  History <u>Lesson 7</u> Mobile and Settled communities	Use of flow charts and diagrams.  Use of smart class and case study	.To get better understanding of working of executive bodies  To explain take-over and subjugation of the tribal people.	15
November	<u>Geography Lesson 7</u> Life in desert  Civics <u>Lesson 4</u> The Role of State Government  Civics <u>Lesson 5</u> Gender and Inequalities	Use of Interactive session with smart class and general observations.  Use of charts and flow charts  Use of Interactive session with smart class and general observations.	To understand the lifestyle and challenges faced in cold and hot deserts.  To explain students about decision making of government and various subjects on which the government works.  To understand the gender bias, inequality, Value of house hold work etc.	23

December	<p><u>History</u> Lesson 8 Religious Development</p> <p>Civics Lesson 6 Media and Democracy</p>	<p>Use of the prescribed textbook and smart class.</p> <p>Use of group discussion</p>	<p>To make students aware about different bhakti movements and social reforms.</p> <p>To explain take-over and subjugation of the tribal people.</p> <p>To understand the role of media in our daily life. How it helps to create public opinion and important duties in democracy.</p>	21
January	<p><u>Geography</u> Lesson 9 Life in Temperate region</p>	<p>Use of the prescribed textbook and smart class.</p> <p>Use of smart class and case study</p>	<p>To know about life , vegetation ,wild-life, occupation, crops and cultivation of temperate region.</p> <p>To explain take-over and subjugation of the tribal people.</p>	18

ANNUAL PEDAGOGICAL PLANNER 2022 - 23

Hindi

CLASS - VII

MONTH	TOPIC	METHODOLOGY	LEARNING OUTCOMES	NO. OF WORKING DAYS
जुलाई	पाठ-1 हम पंखी उन्मुक्त गगन के पाठ-2 दाढ़ी माँ पाठ-3 हिमालय के बेटियाँ	• सरस्वर वाचन कराया जाएगा अभ्यास कार्य (भापने दाढ़ी माँ के विषय में लिखने का आरणा) हिमालय की विशेषताएं बताई जाएगी (चित्र बनवाया जाएगा)	• पंखियों के प्रति प्रेम प्रकृति से प्रेम करने की सीख स्वतंत्र जीवन व परतंत्र जीवन में तुलनात्मक अध्ययन कर सकेंगे।	24
	पाठ-4 कठपुतली व्याकरण - भाषा, बोलनी, वर्ण विचार विलोम (1-30) पर्यायवाची (1-30)	• बुद्ध उच्चारण द्वारा कविता का वाचन कराया जाएगा। भाषा बोलनी की जानकारी देया जाएगा। शब्दों का ज्ञान प्राप्त कराया जाएगा।	स्वतंत्रता का महत्व समझेंगे। नये शब्दों का विकास कर सकेंगे।	
अगस्त	पाठ-5 मिठाईवाला पाठ-6 रक्त और हमारा शरीर	वाचन करना, भावार्थों स्पष्ट करना। रक्त के प्रकार की समझाना उनकी उपयोगिता को बताना।	कल्पना शक्ति, लक्ष शक्ति व चिंतन शक्ति का विकास करना। रंगों का महत्व (जल रक्त खून खून रक्त)	19

	<p>पाठ-7 पाठ रवी गुरु</p> <p>पाठ-8 राम रक्त किसान महाभारत</p> <p>व्याकरण - क्रिया</p>	<p>तर्क - विरल शक्ति का विकास करना।</p> <p>पुरुष के विषय में जानें पौराणिक कथाओं से शिक्षा प्रदान करना</p> <p>क्रिया एवं विशेषण की परिभाषा बनाया जाय इकाकरण के द्वारा समझाया जायगा।</p>	<p>पाठ के माध्यम से सामाजिक विकास करना सीखना।</p> <p>• किसान व पुरुष का महत्व।</p> <p>• नैतिकता का विकास ही संभोग।</p> <p>• मय शब्द भण्डार का विकास कर संभोग।</p>	
सितंबर	<p>पाठ-9 'चिड़िया की लक्ष्मी'</p> <p>पाठ-10 अपूर्व अनुभव</p>	<p>• नूतने पक्षियों की भावनाओं के विषय जान पाएंगे (चित्र बनवाया जायगा)</p> <p>• छोटे-छोटे अनुच्छेदों से व्याख्या की जायगी। + (पुनरावृत्ति)</p>	<p>• मां व घर, परिवार के विषय व महत्व की जानेंगे।</p> <p>• असमानताओं को दूर कर जानेंगे।</p>	20
अक्टूबर	<p>व्याकरण - सर्वनाम, पत्र, लिंग, वचन,</p>	<p>वचन की परिभाषा एवं प्रकार का वर्णन।</p> <p>सर्वनाम शब्दों को जानना व परिचलन करना बनाया जायगा।</p>	<p>• व्याकरण के प्रति रुचि नैतिक/मानवीय गुणों का विकास।</p>	13

	महाभारत			
		(अर्धवार्षिक परीक्षा)		
नवम्बर	पाठ-11 रथीम के दोहें पाठ-12 कुंचा	<ul style="list-style-type: none"> <li>• अस्वर वाचन</li> <li>• विभिन्न कवियों का चित्र रंग-बर्त चित्रकला पारणना।</li> <li>• कथनी व कल्पना शक्ति का विकास होगा।</li> </ul>	<ul style="list-style-type: none"> <li>• पत्र, लिखने की क्रिया</li> <li>• सोचने समझने की शक्ति का विकास।</li> </ul>	23
	पाठ-13 शुक लिनका व्याकरण - संज्ञा, संधि पत्र, सेवाद महाभारत -	<ul style="list-style-type: none"> <li>• आत्मनिष्ठ कथामों का वर्णन करना।</li> <li>• संधि, संज्ञा के भेद बतार पारणना।</li> <li>• धार्मिक व अधार्मिक समझ के विषय में ज्ञान देना</li> </ul>	<ul style="list-style-type: none"> <li>• आत्मविश्वास</li> <li>• कथि उत्पन्न।</li> </ul>	
दिसंबर	पाठ-14 खान-पान की बदलती तस्वीर व्याकरण - विराम चिन्ह शब्द भेद पत्र	<ul style="list-style-type: none"> <li>• गार्किक, गार्किक शक्ति का विकास।</li> </ul>	<ul style="list-style-type: none"> <li>• परम्परागत खान-पान के विषय में ज्ञान।</li> </ul>	21

	<ul style="list-style-type: none"> <li>• भिन्न शब्दों के लिए एक शब्द</li> <li>• सर्वनाम, समास, क्रिया, विशेषण, संवाद्, मुहावरे (31 से 50) विलोम (31-60) पर्यायवाची (30-60)</li> </ul>	<ul style="list-style-type: none"> <li>• अभिनय के द्वारा संवाद करना</li> <li>• शब्द भेद-वर्ग पहिनी</li> <li>• अभ्यास पुरन</li> </ul> <p>पांच विशेषण एवं क्रिया शब्द लिखने का प्रारण</p>	<p>स्मरण शक्ति का विकास।</p> <p>• पढ़न-पाठन कौशल का विकास लोकोक्ति और मुहावरों का ज्ञान नए शब्दों को जानने की उत्सुकता</p>	
<p>जनवरी -</p>	<p>पाठ - 15 नीलकंठ</p> <p>पाठ - 16 भीर और वरखा</p> <p>पाठ - 17 वीर कुंवर सिंह</p>	<p>सरल अर्थ / भावार्थ समझाया</p> <p>कठिन अर्थ बता कर पद्यांश का भावार्थ बताया प्रारण</p> <p>देश के वीरों के विषय में जानेंगे।</p>	<ul style="list-style-type: none"> <li>• कृतुओं से संबंधित व्योहारों की जानकारी देना।</li> </ul> <p>काल कृपा नील से बच्चों का मनोरंजन कल्पना शक्ति का विकास।</p>	<p>23</p>
	<p><u>व्याकरण</u> - उपसर्ग, प्रत्यय शब्द भेद, मुहावरा वाक्य प्रयोग, संकांक्षकोष पत्र, निबंध, समुच्चय कोष महाभारत</p>	<p>वर्ग पहिनी</p> <p>उपसर्ग, प्रत्यय का प्रयोग कर नए शब्दों का निर्माण करना जानेंगे।</p>	<p>बच्चों के शब्द भण्डार व लौहिक विकास होगा।</p>	

फरवरी	<p>पाठ-18 संघर्ष के कारण में कुछ भिषाण हो गया।</p> <p>पाठ-19 आश्रम का अनुमानित व्यय</p> <p>पाठ-20 विलेप गायन (पुनरावृत्ति)</p>	<p>कल्पना शक्ति का विकास।</p> <p>शून्यनात्मक शक्ति का विकास।</p> <p>शकट कोष में वृद्धि।</p>	<p>लक्ष्य का प्राप्त करने की सीख।'</p> <p>अपनी मौखिक अभिव्यक्ति प्रस्तुत कर सकेगें।</p> <p>-</p>	23
मार्च	(वार्षिक परीक्षा)			

ANNUAL PEDAGOGICAL PLANNER 2022 - 23

CLASS - VII

Sub - Sanskrit

MONTH	TOPIC	METHODOLOGY	LEARNING OUTCOMES	NO. OF WORKING DAYS
अप्रैल	<ul style="list-style-type: none"> <li>• वृक्षारोपनं</li> <li>• शब्दरूप, धातुरूप, संख्या च</li> </ul>	<ul style="list-style-type: none"> <li>• वृक्षारोपनं कारयित्वा वृक्षाणां महत्त्वं उच्यते</li> <li>• निरूपणं</li> <li>• लय १ स्फोरकपठेः स्मारणम्</li> </ul>	<ul style="list-style-type: none"> <li>• वृक्षाणां महत्त्वं जानन्ति</li> <li>• विविध-धातुभिः सह परिचितः भविष्यति ।</li> </ul>	16
जून	<ul style="list-style-type: none"> <li>• सकल भविष्यामः</li> <li>• सूत्रद्वयाः</li> <li>• लङ्कारः</li> </ul>	<ul style="list-style-type: none"> <li>• (म) इति अक्षरस्य अनुस्वारे परिवर्तनम्</li> <li>• शब्दानाम् पद परिव्ययस्य ताविका निर्माणम् कुरुत ।</li> <li>• लकार स्मृत्वा विस्वत ।</li> </ul>	<ul style="list-style-type: none"> <li>• विभिन्न पाठात् उचित भाषास्मृतम् स्वं संस्कृत मौ गीतम् प्रति रुचिः ।</li> </ul>	10
जुलाई	<ul style="list-style-type: none"> <li>• मम भगिनी भगिनी</li> <li>• पश्य छः आगतः</li> <li>• अहत विन्दवः</li> </ul>	<ul style="list-style-type: none"> <li>• लय माध्यमेन श्लोकानां वाचनम्</li> <li>• वाचनं अनुवाचनं अभ्यासः अभ्यस्य ।</li> </ul>	<ul style="list-style-type: none"> <li>• श्लोकानां माध्यमेन वाचनस्य समर्थताम् स्माधानं करिष्यान्ति ।</li> </ul>	24



उत्तर	<ul style="list-style-type: none"> <li>• खंडी इति उत्तर</li> <li>• त्वम् कदा छिम्</li> <li>• क्रीडि</li> <li>• उपपद विभक्ति नियमः</li> </ul>	<ul style="list-style-type: none"> <li>• पठन - पाठन वाचन अभ्यास - कामः</li> <li>• उदाहरणस्य माध्यमेन समसवस्ती शब्दान् अन्वोधनम्</li> </ul>	<ul style="list-style-type: none"> <li>• लोकनाटकस्य ज्ञानम्</li> <li>• समसवस्ती शब्दान् सह परिचयम्।</li> </ul>	19
सितम्बर	(पुनरावलोकित)	(आवधिक परीक्षा)		20
अक्टूबर	<ul style="list-style-type: none"> <li>• कः श्रेष्ठः</li> <li>• शब्दस्य लोटलकारः संख्या च</li> </ul>	<ul style="list-style-type: none"> <li>• वाचन - शब्दवाचनं शब्दाद्यं च</li> <li>• विभिन्न धातुना वाच्यते।</li> <li>• शब्दासौः च प्रयोगः</li> </ul>	<ul style="list-style-type: none"> <li>• लोटलकारस्य जीवने उपयोगिता।</li> <li>• बुद्धिपरीक्षणम्</li> <li>• संख्यावस्ती शब्दान् ज्ञानम् उपयोगिता च।</li> </ul>	13

नवम्बर	<ul style="list-style-type: none"> <li>• सुदासः</li> <li>• मातृभूमयेनमः</li> <li>• मधुराश्लोकाः</li> <li>• वाक्यरचना</li> <li>• उच्यते</li> </ul>	<ul style="list-style-type: none"> <li>• मातृभूमिः महत्वं उक्तं परम-पारम् ।</li> <li>• तस्य मातृभूमिं श्लोकानां वाचनं</li> <li>• उपसर्ग-धातुनां सारणी निर्माणं ।</li> </ul>	<ul style="list-style-type: none"> <li>• मातृभूमिः महत्वं उक्तं</li> <li>• श्लोकेः मार्गदर्शनम् ।</li> <li>• उपसर्ग-धातुभिः सह परिचयः ।</li> </ul>	23
दिसम्बर	<ul style="list-style-type: none"> <li>• बुद्धेः बलम्</li> <li>• राजाभोजस्य राज्यसमा</li> <li>• नगरस्य नयाः च वेदना</li> </ul>	<ul style="list-style-type: none"> <li>• स्वच्छतायां प्रति जागरणं कृत्वा स्वानुभवं लिखत</li> <li>• सभायाः वर्णनं कृत्वा अवबोधनम्</li> </ul>	<ul style="list-style-type: none"> <li>• स्वच्छतायां प्रति जागरणम् ।</li> <li>• वाक्यनि निर्माणम्</li> <li>• बुद्धे विकासं च</li> </ul>	21
जनवरी	<ul style="list-style-type: none"> <li>• स्वस्वम्</li> <li>• पञ्च</li> <li>• अच्युतशब्दाः चिन्तनम्</li> </ul>	<ul style="list-style-type: none"> <li>• स्वस्ववाचनं गायनं च</li> <li>• अच्युतानां सप्तभिः वाक्य-प्रयोगः ।</li> <li>• अच्युत-पदानां</li> </ul>	<ul style="list-style-type: none"> <li>• स्वस्वम् मातृभूमिं जीवनमूल्यानां ज्ञानम् ।</li> <li>• अच्युतशब्दानां जीवन उपयोगिता ।</li> </ul>	23

फरवरी

(पुनरावली)

23

(मार्च)

(वार्षिक परीक्षा)