

**Jain Vidya Mandir Sr. Sec. School**  
**Annual Planner (2025)**  
**CLASS - VII**  
**SUBJECT- English**

MONTH	WEEK	TOPIC	ACTIVITIES	METHODOLOGY	TEACHING/ INSTRUCTIONAL AIDS
April	1	CH. 1 Mrs Margery gets Justice	1)Write the message of the chapter in the form of a slogan. 2) Make a portrait of Margery on A4 sheet. 3) Make a model of animal characters with the help of waste material.	Lecture and storytelling methods	Chalk board and overhead projector
	2	Grammar Sentence	Make a TLM model on Sentence.	Illustration and interactive method.	Chalkboard and overhead projector
	3	Poem: About Ben Adhem	1)Make a portrait of Leight Hunt and write about his literary achievements. 2)Write another poem, penned by her on A4 sheet.	Lecture and explanation method	Chalkboard and overhead projector
		Grammar:- Noun	1)Make a TML Model on the kinds of Noun.	Illustrative and deductive method	Chalkboard and overhead projector
	4	CH.2 The Smith and The Demon  Grammar Creative writing	1)Make a sketch book of the story. 2)Make a collage of other Demons  Write a creative writing on different topics on every Saturday.	Storytelling method  Discussion method	Chalkboard and overhead projector  chalk board
May	1	CH.4 A Christmas Adventure (seen Passage)	1)Prepare a model of a meteoroid. 2)Write a bio-sketch on Satyajit Ray.	Narrative and interactive method	Chalkboard and overhead projector
		Grammar:- Pronoun	1)Make Flash Card on Pronouns 2) Classify pronouns for your surroundings into different categories of pronoun	Illustrative and deductive method	Chalkboard and overhead projector

	2	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:-Eldorado  Grammar:- Adjectives and Determiners	1)Recite the poem in chorus with correct intonation. 2) Make a list of Robert Frost's other nature poem.  Make a flow chart of Adjectives and Determiners. Make TLM model on Adjectives and Determiners	Explanation, Illustration and discussion method	Chalk board and overhead projector
	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
		Grammar: Subject verb agreement	Make a chart of the rules of subject verb Agreement.	Inductive-Deductive method	Real life objects, chalk board and over head projector
	3	Ch-5 The story of the treasure Seekers	1)Pen down a different ending of the story. 2)Draft an another story on treasure.	Storytelling and interactive method	Chalk board and over head projector
	4	Ch- 7 Regulus  Verb( finite and non-finite )	1)Design a book mark with some important lines from the chapter. 2)write a bio-sketch of Regulus.  1)make a flow chart of Adjective. 2)Pick different kinds of action words from your surroundingsdescribe about them with the help of suitable Verb.	Story telling method  Deductive and illustration method	Course book  Chalkboard, real life situations
August	1	Tenses	1)TLM working model of tenses 2)Small conversation activities in class consisting of all tenses.	Inductive –deductive method	Examples and overhead projector

		Ch -8 Obed's Pumpkin	Write and narrate one such instance in the form of a story or a poem	playway method	Chalkboard
	2	Voice	1)Prepare a model of prepositions. 2)Make a power point presentation of prepositions. 3)Flash cards showing different kinds of adverbs.	Playway and explanation method  Heuristic and deductive method.	Chalkboard and overhead projector
		Informal Letter  Poem:-	Make the format of informal letter on A4 size sheet.	Deductive and explanation method.	Chalkboard and overhead projector
	3	Poem The Hero  Ch-10 Arun Krishnamurthy: The Environmentalist	1) Write down the poetic devices on A4 size sheet that have been used in the poem.  2) Write a note on Rabindra nath Tagore  Written practice as a seen passage	Explanation method  Discussion method	Chalkboard  Chalkboard
September			Revision+ Term I Exam		
October	1	CH- 11 Dr Beena Rao: A Ray Of Hope	1) Prepare a strip of comic describing the story of the chapter.	Story telling method	Course book and chalkboard
		Poem : In Your Honour	1) Make a poster of a soldier 2) Show the journey of a Soldier through a flip book .	Story telling and explanation method	Course book and chalkboard
	2	Narration	Prepare a chart on the rules of Indirect speech.	Inductive and deductive and illustration method	Chalkboard and overhead projector

		Conjunction	<p>1) 2)Go to a news website and look around for short news stories with examples of reported speech. Write the stories on A4 sheet and read aloud in the class like a news reporter.</p> <p>1)Prepare a model of conjunctions. 2) Frame dialogues using different conjunctions.</p>		
	3	Ch- 14 Home is the Spaceman	<p>1)Give an oral presentation of the story in the class</p> <p>2)Think a story of spaceman and write an entry in your diary of the day well spent with spaceman.</p>	Lecture and storytelling methods Inductive-deductive methods	Chalkboard, Live examples and overhead projector
	4	Ch 16 Meeting of Melodies  Poem- 15 The Spacious Firament on High	<p>Make a Sketch book of musicians</p> <p>3) Prepare a cute model of any one instrument.</p> <p>1) Following the hints given in the poem,make a pen portrait of the space with moon</p> <p>3)Try to emote the message of the poem to classmates through a mono act.</p>	Story telling method  Storytelling and Explanation methods	Chalkboard and overhead projector  Chalkboard and overhead projector
November	2	Grammar: Modals	)Prepare a chart on modals and their usage.	Inductive-deductive and explanation methods	Chalkboard and overhead projector
	4	Ch- 17 The Various Sports of India	<p>1) Do questions as a comprehension</p> <p>2) Describe an interesting match of your life in the form of a diary entry.</p>	Explanation method	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
		Kinds of Sentence on the basis of structure	Make a TLM model on different kinds of Sentence.	Inductive and deductive Methods	Chalkboard and overhead projector

			Write all kinds on A4 size sheet.		
	2	Poem : Mother Hail!  Preposition	1) Write down the poetic devices used by the poet in the poem on an A-4 sheet . 2) Record the poem in mellifluous voice.  1) Make a model on different prepositions 2) Make a beautiful chart on preposition.	Storytelling and probing methods	Chalkboard and overhead projector and course book
	3	Writing Section: Bio-Sketch  Punctuation	Draft the format of bio- sketch on A4 Sheet. Write the bio- sketch of Mahatma Gandhi.  Make a model of punctuation marks Describe the uses of all marks on a chart paper	Illustration and Explanation method.	Chalkboard and overhead projector
	4	Question Tag	Describe all rules with the help of a chart Write all contracted form on an A4 size sheet.	Illustration method	Chalkboard
January	2	Writing Section: Email	Prepare a 3D model of a computer screen , displaying the format of 'Email' with waste material.	Lecture method	Chalkboard and overhead projector
	3	Poster making	Make a format of Poster on A4 size sheet Draft a poster on daily uses thing	Demonstration method	Chalkboard
February			REVISION		
March			ANNUAL EXAMINATION		

### SUBJECT- MATHS

Month/ Week	Chapter	Activities	Topics	Methodology	Teaching aids/ Instructional aids
April Week 1	Ch -1 Integers	1) Show the properties of integers in a tabular form. 2) On A-4 size sheet, write down the daily life instances	*Introduction *Addition and subtraction of integers and their properties	Explanation, Demonstration method	Chalk, duster, green board, chart

Week 2		<p>where negative numbers are used. You can also paste the pictures.</p> <p>3) Make a number line using thread and show one nearest integer greater than and less than -7</p> <p>4) Make adding and subtracting integers bulletin board and make it colourful.</p>	<p>*Representation of integers on number line</p> <p>*Multiplication of integers and its properties,</p> <p>*Division of integers and its properties</p>		
Week 3	Ch-2 Fraction and Decimals	<p>1) Make a peacock using the concept of fractions.</p> <p>2) Draw various shapes such as a circle, a square or a rectangle in the petals of a flower and shade the corresponding fractions in the shapes.</p> <p>3) Use fractions of square, circle and rectangle to make a robot.</p> <p>4) Paste some pictures from real life showing the concept of fractions on A-4 sized sheet.</p>	<p>*Fractions Introduction</p> <p>*Comparison of fractions,</p> <p>* Addition and Subtraction of Fractions</p> <p>* Multiplication and division of fractions</p> <p>* Decimals introduction</p> <p>* Addition and Subtraction of Decimals</p> <p>* Multiplication and division of Decimals</p> <p>*Expanded form and place value of decimals numbers</p>	Problem solving method, Demonstration Method	Smart class, green board, chalk, duster
Week 4					
<b>May</b> <b>Week 1</b>	Ch -3 Data Handling	<p>1) Prepare a vocabulary flash card for mean, median, mode and range.</p> <p>2) List out five fruits of your choice and from the students of three classes find (of those five fruits) which fruit is liked by them.</p> <p>Prepare a graph for it.</p>	<p>*Collection of relevant Data</p> <p>*Organization of data</p> <p>*Measures of Central Tendency (Mean, Median, Mode)</p>	Deductive method based on from known to unknown, lecture method through examples	Chalk, duster, newspaper cuttings, green board

<p><b>Week 2</b></p>		<p>3) Collect data of number of family members of seven neighborhood families and find mean, median and mode for the obtained data.</p> <p>4) Make a spinning wheel having 12 sectors. Fill these sectors with red, yellow, green, pink and blue colour. Now, find the probability of getting blue colour.</p>	<p>*Bar Graph *Probability</p>																										
<p><b>Week 3</b></p>	<p>Ch-4 Simple Equations</p>	<p>1) On A-4 size sheet, write an equation and mark every terminology related to the equation.</p> <p>2) Note down the postal pin code of your city. Take x-times of last two digits of that pin code and add number of family members to it. Put it equal to your age and solve for x.</p> <p>3) Solve an equation using algebra tiles.</p> <p>4) From the table choose any one number from each column to form an equation. Make two equations and solve them.</p> <p>e.g. <math>-18A + (-3/5) = 21</math></p> <table border="1" data-bbox="443 1339 831 1503"> <tr> <td>3</td> <td>B</td> <td>+</td> <td>6</td> <td>=</td> <td>18</td> </tr> <tr> <td>-4</td> <td>Q</td> <td>-</td> <td>8</td> <td>=</td> <td>21</td> </tr> <tr> <td>8</td> <td>A</td> <td>X</td> <td>-4</td> <td>=</td> <td>-18</td> </tr> <tr> <td>-18</td> <td>P</td> <td>+</td> <td>2/3</td> <td>=</td> <td>154</td> </tr> </table>	3	B	+	6	=	18	-4	Q	-	8	=	21	8	A	X	-4	=	-18	-18	P	+	2/3	=	154	<p>*Equations, *Solving the linear Equations by transposition method *Rules for solving an equation</p> <p>* solution of a linear equation</p> <p>*Applications of simple equations</p>	<p>Explanation method, problem solving</p>	<p>Chalk, duster, Green board</p>
3	B	+	6	=	18																								
-4	Q	-	8	=	21																								
8	A	X	-4	=	-18																								
-18	P	+	2/3	=	154																								
<p><b>Week 4</b></p>																													

		-21	R	-	6	=	3/2					
		17	S	-	-	=	62					
					3/5							
		22	T	+	1	=	-					
							2/3					
		65	U	X	12	=	1					
<b>June</b>		<b>-SUMMER BREAK</b>										
<b>July</b> Week 1	Ch-5 Lines and Angles	1) Make a colourful geometry poster for types of lines and angles. 2) Draw or paste the pictures from real life that shows intersecting and parallel lines.  3) Through paper cutting and pasting, show that corresponding angles are equal when the lines are parallel 4) Show by cutting sand pasting that the sum of interior angles on the same side of transversal is 180 degrees when the lines are parallel.							*Types of Angles, Complementary angles and supplementary angles *Pairs of Angles, adjacent angles ,vertically opposite angles, Intersecting line  *Transversal line, angles made by transversal * parallel lines made by transversal		Activity and project method, demonstration method	<i>paper cuttings, chalk, duster, green board</i>
Week 2												
Week 3	Ch-6 The triangle and its properties	1) Draw a scalene triangle and in it draw a median with red colour and altitude with green colour. 2) Using paper cutting and pastings, show that the sum of							*Triangle, *Types of triangles according to sides and angles *Angle sum property of triangles, *Exterior and interior opposite angles of a triangle  *Medians and Altitudes of a Triangle *Triangle inequality property		Explanation and demonstration method	<i>Model, green board, chalk, duster</i>

Week 4		angles of a triangle is 180 degrees. 3) Using coloured paper, show Phythagoras Property.	*Pythagoras Theorem		
August Week 1	Ch-7 Congruence of triangles	1) By paper folding, show that diagonals of a parallelogram bisect each other. 2) Using 20 congruent triangles, make the shape of a heart. 3) Take two circles of same radius. Place them one over the another and write down your observation. 4) From the reallife examples, make or paste the pictures of 5 congruent figures.	*Congruent figures *Congruence of line segments, angles, rectangles and squares *Congruence of triangles and criteria for congruence of triangles (SSS ,SAS ,ASA ,RHS )	Lecture cum- Demonstration method	Different books of same sizes, chalk, duster, leaves, green board
Week 2					
Week3, week 4	Revision				
SEPTEMBER		Revision and Half yearly exam			
<b>October</b> Week 1	Ch-8 Comparing quantities	1) Calculate the percentage of marks obtained in annual exams. of last year. 2) Represent 35/100 and 76/100 using graph paper.	*Ratio *Equivalent Ratios*Introduction of decimals, Converting decimals to percentage *Percentage and its uses *Increase or decrease as percent  *Profit and Loss *Simple Interest  *Introduction of Rational Numbers, Equivalent rational numbers *Standard form of Rational Numbers	Explanation through examples, problem solving method  Problem solving method ,Explanation method	Smart class, chalk, duster, green board
Week 2					

Week 3	Ch-9 Rational Numbers	<p>1) Using thread, make a number line and represent <math>6/7</math> &amp; <math>-2/7</math> on it.</p> <p>2) Make a colourful table which shows the properties of rational numbers.</p>	<p>*Representation of Rational Numbers on Number Line,</p> <p>*Comparison of Rational Numbers,</p> <p>*Multiplication and Division of Rational Numbers</p>		Chalk, duster, green board
Week 4					
<b>November</b> Week 1	Ch-11 Perimeter and Area	<p>1) Find the perimeter of a table in your home by measuring its length and breadth. Solve it on A-4 size sheet.</p> <p>2)By using the shapes of square, rectangle figures, find out the area.</p> <p>3) Find the circumference to diameter ratio of any three circles with different radii and write down your observation.</p> <p>, triangle and parallelogram, make a colourful house.</p>	<p>* Introduction of Perimeters and areas of Squares and Rectangles</p> <p>*Area of a parallelogram, a rhombus and a Triangle</p> <p>*Area and Circumference of a Circle</p> <p>* area of some plane figures</p>	Lecture cum Demonstration method using smart class, heuristic method	Ruler, thread, circles of different sizes, green board, models
Week 2					
Week 3	Ch-12 Algebraic expressions	<p>1)Write any four algebraic expressions. Write terms and variables for each expression. Do this in a creative method.</p> <p>2)Make a task card in which four statements are written on left and four related expressions are written on right in shuffled way. Now</p>	<p>*Introduction of Algebraic expressions</p> <p>*Like and Unlike terms</p> <p>*Monomials, binomials, trinomials and Polynomials</p> <p>*Addition and subtraction of algebraic expressions</p> <p>*Finding the value of an expression</p>	Problem solving method	Green board, duster, chalk

<p>Week 4</p> <p><b>December Week 1</b></p>	<p>Ch-13 Exponents and powers</p>	<p>match the two columns using thread.</p> <p>3) Make any geometric pattern and write the algebraic rule for it.</p> <p>1) Finding value of <math>2^0, 2^1, 2^2</math> experimentally by paper folding.</p> <p>2) Make exponent rule comic strip</p>	<p>*Formulae and rules using algebraic expressions</p> <p>*Exponent</p> <p>*Laws of exponent</p> <p>*Use of exponent in expressing large numbers</p>	<p>Lecture cum-demonstration method</p>	<p>Papers, chalk, duster, smart board</p>
<p>December Week 2</p> <p>week 3</p>	<p>Ch-14 Symmetry</p> <p>Ch-15 Visualizing Solid Shapes</p>	<p>1) Paste some shapes on A-4 size sheet and find the number of lines of symmetry in each case.</p> <p>2) Make a beautiful, colourful butterfly and draw the line of symmetry.</p> <p>3) Make a Rangoli pattern which is also showing rotational symmetry in it.</p> <p>4) Draw or paste the pictures from the nature which are symmetrical</p>	<p>*Line of Symmetry</p> <p>*Rotational Symmetry</p> <p>*Shapes having Line and rotational symmetry</p> <p>*2-D and 3-D shapes</p> <p>*Net for building 3-D shapes</p> <p>*Isometric Sketches</p>	<p>Demonstration method</p> <p>Heuristic method, lecture cum - demonstration method</p>	<p>Picture cuttings of different symmetrical things, graph paper, smart class</p> <p>Graph papers, paper cuttings, isometric sheet smart</p>

<p>Week 4</p> <p><b>January</b> Week 1</p> <p>Week2</p> <p>Week 3, week 4</p> <p>February</p>	<p>Ch-10 Practical Geometry</p> <p>Revision</p> <p>Revision</p>	<p>1)Using different geometric shapes, make geometric city.  2) On A-4 size sheet, draw some solid shapes and make their nets using coloured paper.  3)Put some solid shapes right below a glowing bulb. Observe and write down the respective shapes of their shadows.  4)Make any 3-D shape using coloured sheet.</p> <p>1)Making a chart showing different tools required for construction.  2) Take the cuttings of six equilateral triangles, by joining their edges,</p>	<p>*Drawing a line parallel to a given line through a given point</p> <p>*Construction of triangles  *Construction of triangles when length of 2 sides and angle between them are known</p> <p>Construction of right angled triangle when length of one leg and its hypotenuse is given</p>	<p>Demonstration method</p>	<p>geometric tools, smart class</p>
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March	Annual exam				
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**Subject-Social Science**

MONTH	TOPICS	SUB TOPICS	ACTIVITY	METHODOLOGY	TEACHING AIDS
APRIL	History Chapter:1 The Medieval period In India (Week 1)	1. New & Old Trminologies 2. Historians & Their Sources 3. Main features of Medieval period	1. In your scrapbook, Paste the 10 Photos of the most Famous Historians. 2. Using various maps and assistance from google images, Draw the difference between the Older India and New India Maps 3. Make a poster about “Sources of Historians” 4. Write small paragraphs on various Social and Political Groups.	Lecture and discussion methods	Chalk,Duster,Green board, Smart Board
	1) Civics- Chapter:-1 Equality in Indian Democracy (Week 2)	1. Equality In Indian Democracy 2. How the constitution ensures equality. 3. Reasons for equality.	1. Make a Drawing using the various Logos of Parties in India. (Any 5) 2. Prepare a small Script on Equality. 3. Make a collage differentiating between advantages and Disadvantages in Democracy. 4. Write about various Rights that are been availed to Indian Citizen.	Demonstration and Lecture	Chalk, Duster, chart
	2) Geography Chapter 1 Our Environment (Week 3)	1. Natural Environment 2 Human Made Environment 3. Eco System	1.In a Scrap Book, Paste the 5-5 Biotic and Abiotic Components. 2.Draw a Poster using any colours or patterns defining the various Environments (Manmade & Natural). 3.Using the Layering Art create a model about differentiating the Atmosphere, Lithosphere & Hydrosphere in Earth.	Lecture and discussion methods	Chalk,Duster,Models

			4. Make a Word Booklet from this unit (50 Words) with Pictures.		
	3) Geography Chapter:-2- Inside our Earth (Week 4)	1. Rocks & Minerals 2. Layers of the earth 3. Rock cycle 4. Different types of rocks.	1. In a Scrap Book paste any 5-5 types of rocks and soil and write about it. 2. Make a Model, showing The Layers of Earth. 3. Create a Collage showing the difference between the Mountains and Plains. 4. Make a Poster showing various Crusts.	Lecture and discussion methods	Chalk ,Duster ,models, charts
MAY	1) History Chapter :2 Emergence of New Kingdoms. (Week 1)	1. Midwell kingdoms that are emerged in North and South  2. TRIPURITE struggle 3. Importance of Kannauj 4. Turkish invaders 5. Cholas the most powerful Kingdom in south.	1. In your Scrapbook paste the most 10 famous places in Delhi. 2. On a map locate and label the major kingdoms of North India in early medieval period 3. Make a poster of Prithviraj Chauhan. 4. Enlist the various Crafts in medieval period	Lecture and discussion methods	Chalk,Duster,Green board, Smart Board
	2) Civics-Chapter 2) Role of the Government in Health (Week 2)	What Is Health Health care in India Role of state Governments  Private & Government Hospital	1. Draw a Poster showing gratitude to the Covid Warriors. 2. Enlist the difference between the facilities of Private & Public Hospitals. 3. Make a collage, showing necessity in a Medical Facilities. 4. Write a Speech for the various Government Schemes for Healthier India.	Lecture and discussion methods	Chalk,Duster,Green board, Smart Board
	3) Civics-Chapter 3 How the state Government works (Week 3)	Vidhansabha and Vidhan Parishad 2. Appointment of chief minister and his council of ministers	1. Draw a Hierarchy Chart about your State Government. (Use Pics of Current members)	Lecture and discussion methods	Chalk,Duster,Green board, Smart Board

		<p>3. Functions and responsibilities of a chief minister</p> <p>4. Governor of state and his powers</p>	<p>2. From Newspaper cutting make a collage about various Press Releases by the Government.</p> <p>3. Draw the difference in your Location Before 5 years and Now.</p> <p>4. If you are the CM, what changes will you bring. Prepare a Report.</p>		
	<p>4) Geography- Chapter 3 Changing face of the earth (Week 4)</p>	<p>Earth movements</p> <p>2. Natural forces that cause changes in earth.</p> <p>3. Volcano and their types</p>	<p>1. In a Map of India, Show the Earthquake Occurrences using various Colours from 2014-2019.</p> <p>2. Make a model of volcano</p> <p>3. Paste 5 most known with their locationsof volcano in your scrap book.</p> <p>4. Create a collage on the formation of various landforms that are been made because of Earthquake.</p>	Lecture and discussion methods	Chalk ,Duster ,models, charts
JUNE	Summer Break				
JULY	<p>1) History- Chapter 3 Kingdoms of the South (Week 1)</p>	<p>The imperial cholas</p> <p>Chola administration</p> <p>Trade and agriculture in chola Kingdom</p> <p>Literature art and architecture in chola Kingdom</p>	<p>1. On an outline map of India Mark and label the areas of chola Kingdom.</p> <p>2. Make a flowchart of chola administration3. Create a photo exhibition of the trading expedition of chola to south east asia.</p>	Lecture and discussion methods	Chalk ,Duster ,models, charts
	<p>2) History-Chapter4 The Delhi Sultans (Week 2)</p>	<p>The expansion of Delhi sultanate</p> <p>Administration of Alauddin Khilji</p> <p>Administration under Delhi saltnat</p>	<p>1. Make a flowchart of Delhi Sultans</p> <p>2. Prepare a Document describing the Working of Mughals for India</p> <p>3. Make a report on the monuments built under the Delhi sultanate.</p>	Lecture and discussion methods	Chalk ,Duster ,models, charts

		Art and architecture under Delhi saltnat	4. On the outline political map of India show the extent of Alauddin Empire		
	3) Civics- Chapter 4 Gender and gender inequality (Week 3)	Gender stereotype Gender discrimination Impact of gender inequality Government's please	1. Draw a Poster on Women Empowerment. 2. Pen down a speech on the topic, "Life isn't Easy for Boys!!" 3. Create a case study showing the Equality between Boys & Girls. 4. Do you feel that boys also face Harrarsement, Write a letter to editor of book adding the topic to Syllabi!!	Role Play	Chalk ,Duster ,models, charts
	4) Geography- Chapter 4 Landforms of the earth (Week 4)	Weathering and erosion  Landforms made by rivers glaciers wins and waves	1. Research and find out examples of any 10 of the landforms mention in the lesson. Name the country in which they are located payss their pictures  2.On a map of India, Mark any 5 rivers & write short paragraphs on it. 3.."Clean Rivers Save Rivers" Create a collage on the same!!	Lecture and discussion methods	Chalk ,Duster ,models, charts
	5) Geography- Chapter -5 The Atmosphere (Week 4)	Importance of atmosphere  Composition of the atmosphere  Structure of atmosphere  Layers of atmosphere	1. Create a Model Showing various Ratio disrtibution within an Air. 2. Draw a Poster differentiating the changes you have seen in the Quality of Air before and During Covid. 3. create a drawing on Air Pollution. 4. Draw the structure of atmosphere.	Lecture and discussion methods	Chalk ,Duster ,models, charts
AUGUST	3) History-Chapter-5 The Mughal Empire	Coming of Mughal	1. In your scrap book paste or draw famous Mughal Rulers	Lecture and discussion methods	Chalk ,Duster ,models, charts

	(Week 1)	Administration under Mughals  Decline of the Mughal Empire	2. Draw genealogy of Mughals. 3. List the monuments and collect picture of famous buildings constructed under the Mughals past in scrapbook.		
	4) Civics- Chapter -5 Understanding the media (Week 2)	Meaning of media Electro media and technology  Media and democracy Independence media Media and money Censorship	1. Prepare a report on 'right to information act 2005'. 2. Prepare a collage on differentiate between the print media and electronic media 3. Prepare a media report on the topic of election 2024.	Lecture and discussion methods	Chalk ,Duster ,models, charts
	5) Geography- Chapter-6 Elements of weather and climate (Week 3)	Weather and climate Temperature Types of winds Atmospheric pressure Condensation Precipitation	1. With a Drawing differentiate between types of winds 2. Make a weather calendar of one week of your city. 3. Select the picture of different instrument used to measure the air pressure atmospheric pressure etc and paste in scrapbook	Lecture and discussion methods	Chalk ,Duster ,models, charts
SEPTEMBER	Half Yearly Exams				
OCTOBER	1) History-Chapter -6 Tribes nomads and settled communities (Week 1)	Who are adivasis Sources of tribal history Tribal groups of India Occupations and nomadic culture Contributions of adivasis	1. Mark and label the location of some important tribes on the map of India 2. Face small pictures of The tribe on each location. 3. Make a report on the government policies in our country towards tribals	Lecture and discussion methods	Chalk ,Duster ,models, charts
October	2) Civics- Chapter 6 Media and Advertising (Week 2)	Meaning of advertisement Purpose of advertisement Types of advertisement	1. In your ScrapBook, Paste images of various Print Media Options and TV News Channels. 2. List any five products in your home which are currently being	Discussion and demonstration	Chalk ,Duster ,models, charts

		Advantages of advertisement	advertisement on TV on newspaper. 3. Draw a advertisement pamphlet to sell any soft drink.		
	3) Geography- Chapter 7 humidity and rainfall (Week 3)	Moisture Forms of condensation Precipitation Types of rainfall Clouds Humidity	1. Note the maximum temperature minimum temperature humidity rainfall of any five cities of India from newspaper . 2. Take pictures of different types of clouds that you see in the sky on different days identify the form of cloud and write a few line on each type of cloud 3. Ony chart show different types of rainfall	Lecture and discussion methods	Chalk ,Duster ,models, charts
	4) Civics-Chapter -7 Markets And intermediaries (Week 4)	*Types of market Malls Online market Weekly Market * Shops in the neighborhood	1. Write about various types of Markets or Shops you have visited. Pendown a difference using Tabulation. 2. With your Drawing, make a comparison between small shops & Big shops. 3. In your scrapbook paste te images for various weekly markets (Monday market etc) 4. If you get a chance to buy the same things online that you get from the neighboring shop. What will yo do &Why?	Discussion and demonstration	Chalk ,Duster ,models, charts
NOVEMBER	1) History- Chapter 7 religious ideas in the midieval period (Week 1)	*Bhakti movement Sufi movement Kabir Guru Nanak	1. Make a portrait of Baba Guru Nanak Dev Ji 2. List different saints of the midieval period.	Lecture and discussion methods	Chalk ,Duster ,models, charts

			3. Make a collage on bhakti movement in medieval period		
November	2) History- Chapter 8 the making of regional culture (Week 2)	*Development of Malayalam under chira Kingdom The Rajput and traditions of heroism Pirs and temples Fish as food	Collect the pictures of temples of South India and paste in scrap file.  2. Make a report on different types of paintings. 3. Make a collage showing different types of classical dance forms.	Lecture and discussion methods	Chalk ,Duster ,models, charts
November	3) History - Chapter 9 Political changes in the 18 century AD	*Later Mughals Causes of decline of Mughal Empire Emergence of regional kingdoms in 18 century	Make a portrait of Maratha King Shivaji  Prepare a project and write about the achievements of Shivaji and Sikh gurus	Lecture and discussion methods	Chalk ,Duster ,models, charts
December	4) Geography:-: Chapter 8 Hydrosphere  5) Geography- Chapter 9. Life in The Tropical & Sub Tropical Region	Meaning of hydrosphere Watercycle Distribution of water Waves tides and current  Rain Forests  Life in the Amazone Basin Life in Ganga brahmputra basin	1. Draw a water cycle on chart 2. On a map of the world draw any five cold current 3. On a map of the world draw any five warm current 4. Prepare a front page report on the devicsted caused by the tsunami  1.Make a report about the fire of Amazon Jungles. 2. Draw a scene of Rain Forests. 3. Portrait the Life in Amazone Basin Using Collage 4. Use map and Differentiate	Lecture and discussion methods	Chalk ,Duster ,models, charts

			between Tropical & Sub Tropical Regions.		
December	1) Geography- Chapter 10 Life desert regions - Sahara and Ladakh	The Hot Desert- Sahara  The Cold Desert- Ladakh	1. Gather the Information about Ladakh and about people of Ladakh and Prepare a speech on their hardships. 2. Make a Poster Reflecting the Indian Desert. 3. Find some Ethnic Indian Desert Cuisine & make a small recipe book (Any 5 Foods) 4. Make a Collage defining the Various aspects in Deserts. (Food, Animals, People, etc)	Lecture and discussion methods	Chalk ,Duster ,models, charts.
January	Revisions				
February	Final Exams				
March	Final Exams				

विषय हिंदी

सत्र 2024-25

पाठ्य पुस्तक - वाणी

पूरक पुस्तक - महाभारत

व्याकरण - बुलमोहर

मास	पुस्तक	उपविषय	क्रियाकलाप
अप्रैल	वाणी	कविता-1 जलाते चलो	1. दीये का चित्र बनाइए। 2. नाव का मॉडल बनाइए। 3. कई ऐसे महापुरुष हुए हैं, जिन्होंने मानवता के कल्याण के लिए कई कार्य किए। कम से कम ऐसे दो महापुरुषों के चित्र बनाइए।
पहला सप्ताह			
दूसरा सप्ताह	व्याकरण	भाषा तथा व्याकरण पत्र	
तीसरा सप्ताह	महाभारत व्याकरण	पाठ 1 से 5 तक विलोम शब्द	
चौथा	वाणी	पाठ-2 गौमुख की	1. किन्हीं पाँच आयुर्वेदिक औषधियों के नाम खोजकर 4-11 साइल गीत



मास	पुस्तक	उपविषय	क्रियाकलाप
मई			
पहला सप्ताह	वाणी	पाठ-3 'स्काग्रता का महत्व'	<ol style="list-style-type: none"> <li>1. नैपोलियन का चित्र बनाइए।</li> <li>2. खलीफा उमर का परिचय।</li> <li>3. A-प साइज शीट पर लिखिए।</li> </ol>
			<ol style="list-style-type: none"> <li>3. एक चार्ट पर स्काग्रता से संबंधित महापुरुषों के अनमोल विचार लिखिए।</li> </ol>
दूसरा सप्ताह	व्याकरण	शब्द एवं शब्द भेद, पर्यायवाची शब्द	
तीसरा सप्ताह	महाभारत	पाठ 6 से 10 तक	
	व्याकरण	अनुच्छेद, वाक्यांश के लिए एक शब्द	
चौथा सप्ताह	वाणी	पाठ-4 'सुभागी'	<ol style="list-style-type: none"> <li>1. भारत में बाल-विवाह की प्रथा प्रचलित है- इसे रोकने हेतु कोई दो स्लोगन चार्ट पर दर्शाइए।</li> <li>2. 'बैरी बचाओ, बैरी पढ़ाओ' अभियान के बारे में कुछ</li> </ol>

मास	पुस्तक	उपविषय	क्रियाकलाप
जुलाई	वाणी	पाठ-5 'श्रीडी सी धरतीपाऊँ	1. पैड़ का चित्र बनाइए। 2. 'पैड़ लगाओ पर्यावरण बचाओ' विषय पर कोई-दो स्लोगन -चार्ट पर दर्शाइए।
पहला सप्ताह	व्याकरण	अनैकाथी शब्द	3. बगीचे का मॉडल तैयार कीजिए।
दूसरा सप्ताह	महाभारत	पाठ-11 से 15 तक	
तीसरा सप्ताह	व्याकरण	सेना, सर्वनाम, विशेषण, लिंग	
चौथा सप्ताह	वाणी	पाठ-6 'धरती का कंपन'	1. भूकंप की तीव्रता मापने के लिए 'सिस्मोग्राफ' नामक यंत्र का इस्तेमाल किया जाता है।
	व्याकरण	प्रातिसमभिन्नार्थक शब्द, पत्र	सिस्मोग्राफ का मॉडल बनाइए। आपदाएँ दो प्रकार की होती हैं- प्राकृतिक आपदा और कृत्रिम आपदा। दोनों प्रकार की आपदाओं की चार्ट पर सूची बनाइए।
			3. शैषनाग का चित्र बनाइए।
अगस्त			
पहला सप्ताह	व्याकरण	कारक, क्रिया संवाद लेखन	
दूसरा सप्ताह	महाभारत	पाठ-16 से 20 तक	
तीसरा सप्ताह	व्याकरण	काल, मुहावरे उपसर्ग-प्रथम अनुच्छेद	



मास	पुस्तक	उपविषय	क्रियाकलाप
चौथा सप्ताह	वाणी	पाठ-7 'तीन बातें'	1. जेल का मॉडल तैयार कीजिए। 2. हल का मॉडल तैयार कीजिए। 3. सप्ताह आक्षम का चित्र बनाइए।
सितंबर		अर्द्धवार्षिक परीक्षा	
अक्टूबर			
पहला सप्ताह	वाणी व्याकरण	पाठ-8 'नीति के दोहे' विलीन शब्द	1. कोई दो सुविचार चार्ट पर लिखिए। 2. श्री कृष्ण का चित्र बनाइए। 3. कौरव और कौरव की असमानताएँ चार्ट पर लिखिए।
दूसरा सप्ताह	व्याकरण	संघि, समास पत्र, वचन	
तीसरा सप्ताह	महाभारत व्याकरण	पाठ-21 से 25 तक सूचना लेखन	
चौथा सप्ताह	वाणी	पाठ-9 'विचित्र योद्धा'	1. मदन भगत का चित्र बनाइए। 2. शेर का चित्र बनाइए। 3. आलस्य मनुष्य का सबसे बड़ा शत्रु होता है। इससे संबंधित चार्ट पर कोई दो स्लोगन दर्शाइए।
	व्याकरण	अनेकार्थी शब्द वाक्यांश के लिख सक शब्द	

मास	पुस्तक	उपविषय	क्रियाकलाप
नवंबर पहला सप्ताह	वाणी	पाठ-10 वीर मालवजी	1. वीर शिवाजी का चित्र बनाइए। 2. मारने वाले से बचाने वाले में अधिक शक्ति होती है। उससे संबंधित कोई दो स्लोगन चार्ट पर लिखिए। 3. ताना जी का जीवन परिचय चित्र सहित चार्ट पर दर्शाइए।
दूसरा सप्ताह	महाभारत	26 से 35 तक	
तीसरा सप्ताह	व्याकरण	अव्यय, वान्य पर्यायवाची शब्द विज्ञापन	
चौथा सप्ताह	वाणी	पाठ-11 'सादों' के झरोखे से	1. भगतसिंह का चित्र बनाइए। 2. भगत सिंह के नारे चार्ट पर लिखिए। 3. देशभक्ति एवं देश-प्रीम से ओत-प्रीत किन्हीं दो कविताओं को चार्ट पर लिखिए।
	व्याकरण	लोककविताओं अनुच्छेद	
दिसंबर पहला सप्ताह	वाणी	पाठ-12 'शक्ति और क्षमा'	1. नितिपरक दोहे चार्ट पर लिखिए 2. ली राम का चित्र बनाइए। 3. राम सेतु से संबंधित जानकारी एकत्रित करके चार्ट पर मुख्य बिंदु दर्शाइए।
	व्याकरण	समस्तुति विन्नार्थक शब्द	
दूसरा सप्ताह	वाणी	पाठ-13 सपनों का राजकुमार	1. भारतीय अंट और अरब देशों में पारु जाने वाले अंट के चित्र अपनी उत्तर- पुस्तिका में चिपकाइए।

			2. पता कीजिए कि दो सूबड़ वाले ऊँट भारत के किस क्षेत्र में पाए जाते हैं। उस क्षेत्र के रहन-सहन, आजीविका के साधन आदि के बारे में जानकारी जुटाकर एक परिमोजना तैयार कीजिए।
तीसरा सप्ताह	महाभारत व्याकरण	पाठ- 36 से 40 तक विराम चिह्न वाच्य	
चौथा सप्ताह	वाणी	पाठ- 14 प्रायश्चित	1. हमारे समाज में अनेक रूढ़ियाँ और अंधविश्वास प्रचलित हैं जिनका कोई आधार नहीं है। आप कुछ रूढ़ियों अंधविश्वासों की सूची बनाकर चार्ट पर दर्शाइए। 2. बिल्ली का चित्र बनाइए। 3. अंधविश्वासों के प्रति जागरूकता हेतु कोई दो स्लोगन चार्ट पर लिखिए।
जनवरी फरवरी		दीहराई	
मार्च		वार्षिक - परीक्षा	

वार्षिक पाठ्यक्रम (2024-2025)  
विषय संस्कृत  
कक्षा सातवी

N.E.P

के अन्तर्गत

अप्रैल सप्ताह प्रथम पाठ - 1	पाठ्यपुस्तक अक्षरा	उपविषय
द्वितीय पाठ - 2	पाठ्यपुस्तक	सुभाषितानि
तृतीय पाठ - 3	पाठ्यपुस्तक	लृट् लकार
चतुर्थ	व्याकरण	उपसर्ग
मई सप्ताह प्रथम पाठ - 4	पाठ्यपुस्तक	लृट् लकार
द्वितीय पाठ - 5	पाठ्यपुस्तक	विष्य लिङ् लकार
तृतीय पाठ - 6	पाठ्यपुस्तक	प्रत्ययः
चतुर्थ	व्याकरण	प्रत्यय

माह	ग्रहणकालीन अवकाश		
माह जून	ग्रीष्मकालीन अवकाश		
माह जुलाई	पाठ्यपुस्तक		सर्वनाम प्रयोग
सप्ताह प्रथम			
पाठ - 7			
द्वितीय	पाठ्यपुस्तक		अव्यय पदानि
पाठ - 8			
तृतीय	व्याकरण		उपपद विभक्ति
माह अगस्त	पाठ्यपुस्तक		मम परिवारः
प्रथम			
पाठ - 9			
द्वितीय	पाठ्यपुस्तक		ग्राम्य जीवनम्
पाठ - 10			
	पाठ्यपुस्तक		अव्यय
	व्याकरण +		मासिक +
	पाठ्य पुस्तक		हालिखित
			परीक्षा
माह सितम्बर	अर्धवार्षिक परीक्षा		

माह	अक्टूबर	पाठ्य पुस्तक	उपाधेय
	प्रथम पाठ-11	पाठ्यपुस्तक	अतिलीभौ न कर्तव्यः
	द्वितीय पाठ-12	पाठ्य पुस्तक	चन्द्रशेखर आनादः
	तृतीय पाठ-13	पाठ्य पुस्तक	विद्यया महिमा
	चतुर्थ	व्याकरण	संख्यावाचि शब्दाः
माह	नवम्बर प्रथम पाठ-14	पाठ्यपुस्तक	उद्देश्य मूल्यम्
	द्वितीय पाठ-15	पाठ्य पुस्तक	कः विश्वसनीय
	तृतीय पाठ-16	पाठ्य पुस्तक	कः विश्वसनीय
	चतुर्थ	व्याकरण	सन्धि
माह	दिसम्बर प्रथम पाठ-17	पाठ्य पुस्तक	संख्यावाचिनः शब्दाः

द्वितीय	पाठ्यपुस्तक	पत्र लेखनम्
तृतीय	व्याकरण	पत्र
माह जनवरी	→ लिखित + मौखिक अभ्यास	
माह फरवरी	→ दीहराई	
माघ	→ अर्धवार्षिक परीक्षा	

**SUBJECT-SCIENCE**

MONTH	CHAPTER	ACTIVITY	SKILL ENHANCE
April	<p data-bbox="331 207 569 277">Chapter-1 Nutrition in plants</p> <p data-bbox="331 1308 590 1378">Chapter-2 Nutrition in animals</p>	<ol style="list-style-type: none"> <li data-bbox="678 191 1171 305">1) Grow the seeds of coriander. Write the observation of its growth. Also paste its picture.</li> <li data-bbox="678 321 1171 475">2) Make a structure of stomata by using kidney beans. How does the stomata contribute in photosynthesis and transpiration?</li> <li data-bbox="678 492 1171 727">3) Take two slices of bread in your home. Keep one slice in refrigerator and other outside at room temperature with water sprinkled on it. Note the observations.</li> <li data-bbox="678 743 1171 898">4) Draw a well labeled diagram of photosynthesis on A-4 size sheet. Explain the process and its essential components.</li> <li data-bbox="678 954 1171 1068">5) Draw a well labeled diagram of human digestive system with its explanation on A-3 size sheet</li> <li data-bbox="678 1084 1171 1279">6) Discuss with your elders, the way to lead a healthy life. Based on the same design the leaflet for the people of your age with hints and tips to lead a healthy life.</li> <li data-bbox="678 1295 1171 1490">7) Fast food is not good for health. Compose a story with a above message where in a girl explains to her younger brother, the bad effects of eating bad foods.</li> </ol>	<ol style="list-style-type: none"> <li data-bbox="1201 191 1633 224">6) Experimentation, Observation</li> <li data-bbox="1201 362 1591 435">7) Planning and Organisation, Creativity and innovation</li> <li data-bbox="1201 987 1549 1019">9) Explanation, Creativity</li> <li data-bbox="1201 1198 1619 1271">10) Discussion, Critical thinking, Analysis</li> </ol>

		<p>8) Find out the names of food items of various states of our country and mark them on the map of India. Is there any relation between the food habits and the climatic and geographical location of that place? comment.</p>	<p>11) Communication, Writing skills, Value enhancement</p> <p>12) Critical thinking, Analysis, Interpretation, Observation, Identification and Classification</p>
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April -May	Unit Test 1	UT+Revision, Syllabus - Ch.1	
May	<p>Chapter-3</p> <p>Heat</p>	<p>2) Make an assignment on different ways of flow of heat (conduction, convection and radiation)</p> <p>3) Draw a well labeled diagram of land breeze and sea breeze on A-3 size sheets.</p> <p>4) Measure the temperature of different substances which you use in day to day life with the help of thermometer and note them in tabular form.</p> <p>5) Make a project report on different types of thermometer with its uses and properties.</p>	<p>➤ Observation and Interpretation</p> <p>➤ Identification, Classification and Observation</p> <p>➤ Identification, Observation and Analysis</p> <p>1) Writing skills, Explanation and observation.</p> <p>2) Creativity and Innovation</p> <p>3) Observation, Analysis</p>

			4) Writing skills, Interpretation and Classification
	Chapter-4 Acids, Bases and salts	6) Bring the soil sample of your area. Find out if it is acidic, basic or neutral.	➤ Experimentation, understanding

		<p>7) Visit a doctor. Find out the medicines, he prescribes to treat acidity. Ask him how acidity can be prevented.</p> <p>8) Prepare a red cabbage juice by boiling a piece of red cabbage in water. Use it as an indicator and test the acidic and basic solution with it. Note it in tabular form.</p> <p>9) Make a project report on acid rain, its causes and its harmful effects.</p>	<p>➤ Application, concept</p> <p>➤ Experimentation, classification</p> <p>➤ Writing skills, explanation</p>
July	Chapter-5 Physical and chemical changes	<p>10) Collect information about the types of fuels used for cooking in your area. Discuss with your elders which fuels are less polluting and why?</p> <p>11) Cite few examples from your surroundings where you find both physical And chemical changes taking place together.</p> <p>12) Take some of the crystals like sugar, rock salt, alum etc available at your home. Put them separately in small packets of cellophane paper and paste them on A4 size sheet.</p> <p>13) Do rusting of iron with the help of your teacher or elders.</p>	<p>➤ Discussion, understanding</p> <p>➤ Critical thinking, observation, analysis</p> <p>➤ Analysis, understanding, observation</p>

			<ul style="list-style-type: none"> <li>➤ Awareness, understanding, analysis</li> </ul>
	<p>Chapter-6 Respiration in organisms</p>	<p>14) Collect information about any two historical monuments that are affected by air pollution. Note it in your scrapbook.</p> <p>15) Collect information about various breathing exercises that are good for our health. Write about any two which you follow in your daily routine.</p> <p>16) Visit a doctor. Learn about the various diseases related to respiratory system. Write the measures that may be taken to prevent them.</p> <p>17) Make a model of respiratory system.</p>	<ul style="list-style-type: none"> <li>➤ Observation, analysis, conclusion</li> <li>➤ Collection, critical thinking</li> <li>➤ Observation, critical thinking</li> </ul>

			<ul style="list-style-type: none"> <li>➤ Creativity, understanding, analysis</li> </ul>
August	Chapter-7 Transport of substances	<p>18) Find out about blood groups and their importance. Write it in tabular form.</p> <p>19) Count your pulse rate while doing different activities and tabulate the observation.</p> <p>20) Make a chart on Human Excretory system.</p> <p>21) Make a model of Heart reflecting its functioning</p>	<ul style="list-style-type: none"> <li>➤ Tabulation, value enhancement</li> <li>➤ Exploration, explanation, analysis, record</li> <li>➤ Creativity and innovation</li> <li>➤ Critical thinking, observation</li> </ul>
	Chapter-8 Reproduction in plants	<p>22) Students will take a flower and pluck out its different parts. Paste them in scrapbook and label them.</p> <p>23) Draw a labeled structure of flower on A3 size sheet.</p> <p>24) Visit a garden. Observe various plants and note their vegetative part in tabular form.</p> <p>25) Make your own cactus garden by collecting pieces cut from different kinds of cacti. Grow the variety in one single container or in separate pots.</p>	<ul style="list-style-type: none"> <li>➤ Creativity, observation, critical thinking</li> <li>➤ Creativity, identification, differentiation</li> <li>➤ Observation, interpretation</li> </ul>

			➤ Experimentation, identification
August	Unit Test 2	UT+ Revision, Syllabus - Ch. 2, 3 & 4.	➤
September	Chapter-9 Motion and time	<p>26) Make a model of a sand clock which can measure a time interval of 2 minutes.</p> <p>27) Make a presentation of time measuring devices that were used in ancient times in different parts of the world.</p> <p>28) Rise early in the morning. Look at the shadow formed. Repeat observing your shadow until late afternoon. Compare the length and direction of shadow and write it in tabular form.</p> <p>29) Make bar graphs of different types of motion with respect to time.</p>	<p>➤ Creativity, understanding, conceptualization</p> <p>➤ Creativity and innovation, interpretation</p> <p>➤ Knowledge, observation, conceptualization</p> <p>➤ Differentiation, observation</p>
	Chapter-10 Electric current and its effect	<p>30) Make a list of various materials found at home and classify them into magnetic and non magnetic with the help of magnet.</p> <p>31) Make four electromagnets with 20, 40, 60 and 80 turns. Connect them with a battery of 2 cells. Bring the</p>	➤ Observation, classification, analysis, interpretation



		<p>36) Visit a dentist. Observe his mirror used in examining ear, nose, throat. Identify the type of mirror.</p> <p>37) Make an assignment on different types of mirrors and the process of reflection.</p>	<ul style="list-style-type: none"> <li>➤ Observation, identification</li>   <li>➤ Writing skills, explanation</li> </ul>
	<p>Chapter-12 Forest: our lifeline</p>	<p>38) Make a poster highlighting the importance of forest.</p> <p>39) Collect information regarding temperature, rainfall in a forest area. Draw a comparison for temperature and rainfall for the present and past.</p> <p>40) Collect leaves of various shapes, sizes and colour from different areas. Note down the difference and similarities in the pattern of leaves.</p> <p>41) Make a chart on inter relationship of plants, soil and decomposers in the forest.</p>	<ul style="list-style-type: none"> <li>➤ Analysis, understanding</li>   <li>➤ Understanding, analysis, problem solving</li>   <li>➤ Awareness, understanding, comparison</li>   <li>➤ Creativity and innovation, explanation</li> </ul>

November	Chapter-13 Wastewater story	42) Compose your own poem on “water is life” and write down in your notebook. 43) Perform a role play regarding importance of water in the classroom. 44) Make a project report on WWTP. 45) Make a presentation reflecting the relation between sanitation and disease.	<ul style="list-style-type: none"> <li>➤ Writing skills, understanding, creative thinking</li> <li>➤ Creative thinking, Application</li> <li>➤ Writing skills, explanations</li> <li>➤ Creativity and innovation</li> </ul>
November	Unit Test 3	UT+Revision, Syllabus -Ch. 5, 6 & 7.	
December to February	Chapter 1to 13 Revision for final exams.		

### SUBJECT - COMPUTER

Month	Week	Topic	Sub-topics	Methodology	Activities	Instructional Aids
April	Week-1	1. Number System	<ul style="list-style-type: none"> <li>• Number System</li> </ul>	Lecture cum demonstration	<ul style="list-style-type: none"> <li>• Make an assignment of the given conversion sums in classroom.</li> <li>• Create a chart of different number system.</li> </ul>	Chalk board, duster, computer, Course Book
	Week -2	Number System	<ul style="list-style-type: none"> <li>• Types of Number Systems</li> <li>• Binary Arithmetic</li> </ul>			
	Week-3	2. More on Excel 2019	<ul style="list-style-type: none"> <li>• Chart Components</li> <li>• Various Chart Types</li> <li>• Sorting data</li> <li>• Filtering data</li> <li>• Data validation</li> </ul>			

	Week -4	More on Excel 2019	<ul style="list-style-type: none"> <li>• Pivot Table</li> <li>• Goal seek</li> <li>• Conditional Formatting</li> </ul>		<ul style="list-style-type: none"> <li>• Draw different mainly used charts.</li> </ul>	
May	Week-1	3. Introduction to MS Access 2019	<ul style="list-style-type: none"> <li>• Database and DBMS</li> <li>• Advantage of a database</li> <li>• Database applications</li> <li>• Introduction to MS Access 2019</li> <li>• Objects in MS Access</li> <li>• Starting MS Access 2019</li> <li>• Parts of MS Access Window</li> <li>• Creating a database</li> <li>• Creating a table using templates</li> </ul>	Lecture cum demonstration	<ul style="list-style-type: none"> <li>• Make a balloon move in zigzag direction</li> <li>• Write a paragraph on “Seven Wonders of the World”. Translate the paragraph into another language.</li> </ul>	Chalk board, duster, computer, Smart-class
	Week-2					
	Week-3					
	Week-4					
June						
July	Week-1	Block Coding 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> <li>• Internet</li> <li>• Advantages/Disadvantages of Internet</li> <li>• Computer Ethics</li> <li>• Unethical Practices</li> <li>• Cybercrime</li> </ul>	Lecture cum Demonstration	<ul style="list-style-type: none"> <li>• Create a document on ‘Uses of Google Apps’ using Google Drive.</li> <li>• Write a paragraph on “Seven Wonders of the World”. Translate the paragraph into</li> </ul>	Chalk board, duster, computer, Course book
	Week-2	Ch-1( Variables in Real Life)				
	Week-3	5. Cybercrime Threats and Security				
	Week-4					

					another language.	
August	Week-1	5. Cybercrime Threats and Security	<ul style="list-style-type: none"> <li>• Safety measures while using Computer and Internet</li> <li>• Digital Footprint</li> </ul>	Lecture cum Demonstration method	<ul style="list-style-type: none"> <li>• Write the name of six different persons in your school. According to the position they hold using heading tags.</li> <li>• Write a web page as Save Water.</li> </ul>	Chalk board, duster, computer, Course book
	Week -2	7. Introduction to App Development	<ul style="list-style-type: none"> <li>• Mobile App</li> <li>• Advantages of Mobile App</li> <li>• Categories of App</li> </ul>	Project method	<ul style="list-style-type: none"> <li>• Create a web page named “The Solar System”. Using the given instructions.</li> <li>• Write the code to display your name using Interactive mode.</li> </ul>	
	Week -3		<ul style="list-style-type: none"> <li>• Commonly used mobile apps.</li> <li>• Downloading and installing/ Uninstalling apps.</li> <li>• Simple app development</li> </ul>			
	Week -4		<b>Revision</b>			
September		Revision + Half Yearly Examination				
October	Week-1	8. Trending Technologies.	<ul style="list-style-type: none"> <li>• Introduction to augmented Reality.</li> <li>• Introduction to Virtual Reality</li> <li>• Difference b/w AR and VR</li> <li>• Advantages and Disadvantages</li> <li>• How AR and VR technologies work?</li> <li>• Types of AR/VR.</li> </ul>	Project method	<ul style="list-style-type: none"> <li>• Group discussion on the topic cyber crime &amp; safety</li> <li>• Install an antivirus software in your computer according to given instruction.</li> </ul>	Chalk board, duster, computer, Smart-class.

	<p>Week -2</p> <p>Week -3</p> <p>Week-4</p>	<p>Advanced Coding Concepts</p> <p>2. Sequencing with Block Coding</p> <p>Sequencing with Block Coding</p>	<ul style="list-style-type: none"> <li>• Application of AR/VR.</li> <li>• The future of AR/ VR.</li> </ul>		<ul style="list-style-type: none"> <li>• Make a poster on cyber safety measures.</li> <li>• Make a poster for password protection.</li> <li>• Write a code to find sum, difference, product of 270 and 30.</li> </ul>	
November	<p>Week-1</p> <p>Week-2</p> <p>Week-3</p> <p>Week-4</p>	<p>(Block coding)</p> <p>Ch-3 Fun with Functions</p> <p>Ch-3 Fun with Functions</p> <p>Ch-3 Fun with Functions</p> <p>10. More on Python</p>	<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> </ul> <p>Different functions Parameter</p> <ul style="list-style-type: none"> <li>• Introduction</li> <li>• What is Sequencing/ Bug</li> <li>• Nested loop</li> <li>• Recap of loops</li> <li>• Examples</li> <li>• Types of loops</li> </ul>	Lecture cum demonstration method	<ul style="list-style-type: none"> <li>• Write the program to find the area and perimeter of a rectangle whose length = 10cm and breadth = 8cm.</li> <li>• Write a program to display your name ten times.</li> <li>• Open your photograph. Try out the following tools to select your face. Rectangular Marquee Tool, Lasso Tool, Magnetic Lasso Tool, Crop tool</li> <li>• Make an assignment of different Photoshop tools.</li> </ul>	Chalk board, duster, computer, Smart-class.

			<ul style="list-style-type: none"> <li>• Apply Loops and conditionals with sequencing.</li> <li>• What are Operators?</li> <li>• Types of Operators in Python</li> <li>• Precedence of operators</li> <li>• Introduction/ Type to control structure</li> <li>• Conditional statements.</li> </ul>			
December	Week-1	Ch-4 Understanding arrays & collections	<ul style="list-style-type: none"> <li>• What are collections?</li> </ul>	Lecture cum demonstration method	<ul style="list-style-type: none"> <li>• Draw a map to find the treasure. Follow the steps:</li> <li>• Draw different objects on different layers, such as trees, river, treasure box.</li> <li>• Give special effects to one or more layers.</li> </ul>	Chalk board, duster, computer, Smart-class.
	Week-2	Ch-4 Understanding arrays & collections	<ul style="list-style-type: none"> <li>• Arrays</li> </ul>	Lecture cum demonstration method	<ul style="list-style-type: none"> <li>• Creating a Blog</li> </ul>	
	Week-3	Ch-4 Understanding arrays & collections	<ul style="list-style-type: none"> <li>• How can we Iterate Over collections?</li> </ul>			
	Week-4	Ch-4 Understanding arrays & collections				
January	Week-1	Ch- 5 (Hello Word With Code)	<ul style="list-style-type: none"> <li>• Programming Language</li> </ul>	Explanation method	<ul style="list-style-type: none"> <li>• To create a Calculator</li> <li>• Selection Sort Algorithm</li> </ul>	Chalk board, duster, computer, Course book
	Week-2		<ul style="list-style-type: none"> <li>• Sorting the List- Selectio Sort</li> </ul>			

	Week -3	Ch- 5 (Hello Word With Code)	<ul style="list-style-type: none"> <li>• Getting used to Syntax</li> <li>• Variables and</li> </ul>			
	Week-4		Data Types			
February		Revision				
March		Annual Exam				

**SUBJECT- GK**

<b>Months</b>	<b>Section -A</b>	<b>Methodology</b>	<b>Months</b>	<b>Section -B</b>	<b>Methodology</b>
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April Ist Week	1.Intelligent Animals 2. Forests 3. Dog breeds	Lecture and explanation method	October Ist Week	29. Mythical places 30. National parks around the world	Lecture and explanation method
IIInd Week	4. Desert plants 5. Types of habitats 6. Insectivorous plants		IIInd Week	31. Global lines 32. Royal tour	
IIIrd Week	7. Exotic fruits 8. Diseases 9. Wow chemistry! 10. Medical breakthroughs	Illustrative and deductive method	IIIrd Week	33. Parliaments of the world 34. Famous female contributions.	Demonstrative and explanation method
Iv th Week			IVth Week		

<p>May Ist Week</p> <p>IIInd Week</p> <p>IIIrd Week</p> <p>IV th Week</p>	<p>11. Branches of science</p> <p>12. Pandemic</p> <p>13. Cyber security</p> <p>14. Apps on mobile</p> <p>15. Cities and Ancient names</p> <p>16. History of indian currency</p>	<p>Narrative and interactive method</p> <p>Explanation and demonstrative method</p>	<p>November Ist Week</p> <p>IIInd Week</p> <p>IIIrd Week</p> <p>Ivth Week</p>	<p>35. Chess mania</p> <p>36. Football facts</p> <p>37. Asian games</p> <p>38. Tennis trivia</p> <p>39. Board games</p> <p>40. Indian hockey legends</p>	<p>Demonstrative and explanation method</p> <p>Narrative and inductive method</p>
<p>July Ist weel</p> <p>IInd week</p> <p>IIIrd Week</p> <p>IV th week</p>	<p>17. Forts and Monuments</p> <p>18. Hall of fame</p> <p>19. Indian railways</p> <p>20. Awards and honours</p> <p>21. Indian armed officials</p> <p>22. Indian writers</p> <p>23. Seven sisters in india</p> <p>24. Fairs in India</p> <p>25. Indian musicians</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. Indian woman cricketer</p> <p>42. Songs in patriotic movies</p> <p>43. Screen names</p> <p>44. Harry Potter</p> <p>45. Famous singers</p> <p>46. Indian Film directors</p> <p>47. Proverbs</p> <p>48. Mythical creatures</p>	<p>Demonstrative and explanation method</p> <p>Narrative and Inductive method</p>

<b>August 1st Week</b>	<b>26. Tribal groups</b>	<b>Illustrative and deductive method</b>	<b>January 1st Week</b>	<b>49. Poetic devices</b>	<b>Lecture and explanation method</b>
<b>IIInd Week</b>	<b>27. Religious structures</b> <b>28. Wonders of the world.</b>		<b>IIInd Week</b>	<b>50. Books and their authors</b>	
<b>IIIrd Week +</b>	<b>29. Revision for half yearly Exam</b>		<b>IIIrd Week</b>	<b>51. Abbreviations</b>	<b>Illustrative and explanation method</b>
<b>IV th Week</b>			<b>Ivth week</b>	<b>52. Indian literature awards</b> <b>53. Brain buzz</b> <b>54. Optical illusions</b> <b>55. Sudoku</b> <b>56. Riddles</b>	