



Split Up Syllabus

Session:2024-25

CLASS-VII

Text Books:-The Magic Carpet Integrated English Course Book 7 (Bharti Bhawan)

Grammar :-Modern English Grammar & Composition

Subject: English			Session: 2024-25	
Month	WD	Text Book & Grammar	Activities	Learning outcome
April	23	Chap 1. David at the House of Shaws Chap 3. Dog (poem) Gr. Chap 1. The sentence Gr. Chap 2. Noun Gr. Chap 3. Adjectives	1. Write a paragraph from the character's point of view 2. Matching exercise based on audio	➤To recite the poem ➤To enhance the writing skill ➤To be able to understand the term Novel
May	15	Chap 2. Rikki-Tikki-Tavi Chap 6. The Daffodils (poem) Gr. Chap 4 Articles Gr. Chap 5. Pronoun Writing : formal and Informal letter	1. Group discussion on the pros and cons of a topic 2. Notice writing	➤To understand the value of the book Jungle Book ➤To know the importance of the animals in our life and be friendly with them
June	18	Chap 4. Ravi Arrives Chap 5. Sindbad and the Apes Gr. chap 6. Verb Gr. Chap 10 Modals Writing :Notice Writings	1.Talking about the vacations and how you spend them 2.Extempore speech	➤To know the folk tales ➤To understand the importance of vacation and to use it .
July	25	Chap 7. Nonsense Literature Chap 8. The Boy and the Cat Gr. Chap 11. Non-Finite Writing : Diary Writings	1.Group discussion 2.Solving riddles	➤To understand the importance of literature in our life ➤To understand the importance of solving riddles.
August	23	Chap 9. The Old Oak Tree (poem) Chap 10. Ulysses and Polyphemus Gr. Chap 7,8,9 and 12 (Tense and Active Passive) Writings : paragraph writings	1.Understanding the poem 2.Story telling based on the story	➤To understand the uses of tense. ➤To recite the poem
September	24	REVISION AND HALFYEARLY EXAM		
October	19	Chap 11. Mining , Not Stealing Chap 12. Whitey Gr. Chap 13. Adverbs Gr. Chap 14. Preposition Writings : letter to the Editor	1.Paragraph writing on Indoor Game 2.Speech based on the story	➤ To be aware about saving the natural resources ➤ To know the correct uses of prepositions
November	20	Chap 13. Anne's Misadventure Chap 14. Abou Ben Adhem (poem) Gr. Chap 15. Conjunctions Gr. Chap 20 Transformations of the sentences	1.Debate (for and against) 2.Recitation	➤To learn the correct uses of conjunctions ➤To enhance the vocabulary power

		Writing : Descriptive paragraph Writing (event place and person)		
December	22	Chap 15. Sabor's Cub Chap 16. Science And Serendipity Writing : Diary Writings	1. Essay writing 2. Group discussion	➤To know the format of writing Diary ➤To understand the importance of science
January	20	Chap 17. Poem Pair (poem) Chap 18 The Seven Cream Jugs Gr. Chap 16 Direct and Indirect Speech	1. Story writing based on the story	➤To know how to change direct to indirect speech
FEBRUARY	22	Chap 19. Macbeth Writing :Notice Writings REVISION	1.Role paly	➤To understand the play and act role play
MARCH	23	ANNUAL EXAM	-----	-----

संबंधित पुस्तकें- 1. वसंत भाग- 2 (एन.सी.ई.आर.टी)
2. बाल महाभारत कथा (एन.सी.ई.आर.टी)
3. व्याकरण भारती-भारती भवन

महिना	कार्य दिवस	विषय	क्रियाकलाप	सिखने के परिणाम
अप्रैल	23	हम पंछी उन्मुक्त गगन के , दादी मां संधि,समास ,अपठित गद्यांश	सस्वर गायन रेखाचित्र	परतंत्र पक्षी के दुख का अनुभव
मई	15	हिमालय की बेटियाँ, कठपुतली, मिठाईवाला अंबा और भीष्म से भीम तक	सामूहिक चर्चा चित्रकारी	प्रकृति के देवों का ज्ञान
जून	18	रक्त और हमारा शरीर, पापा खो गए, शाम-एक किसान कर्ण से जरासंध तक वाक्य प्रयोग, मुहावरें और कहावतें, विश्रम चिह्न, सा-से-सी का प्रयोग, संवाद लेखन, अनुच्छेद लेखन	नाटकीकरण , कहानी बोलना, संवाद रेखाचित्र	रक्त के विभिन्न भागों की जानकारी ।
जुलाई	25	चिडिया की बच्ची शकुनि का प्रवेश से मायावी सरोवर तक अनेकार्थक शब्द, आना- प्रत्यय, निबंध लेखन	कहानी बोलना अवधारणाओं की समझ आख्यान	मनुष्य के स्वार्थी स्वभाव की जानकारी ।

अगस्त	23	रहीम के दोहे, कंचा, अपूर्व अनुभव यक्ष प्रश्न, अज्ञातवास भाषा का मानक रूप, मुहावरें और लोकोक्तियाँ	शारीरिक रूप से विकलांग बच्चों को किन कठिनाइयों को झेलना पड़ता है इस पर एक रिपोर्ट तैयार करें । अनुसंधान	जापानी बच्चे के संघर्ष की जानकारी ।
सितंबर	23	पुनरावृत्ति	अर्धवार्षिक परीक्षा	
अक्टूबर	19	एक तिनका, खानपान की बदलती तस्वीर प्रतिज्ञा पूर्ति से पांडवों और कौरवों के सेनापति तक मित्र को पत्र, अनुच्छेद लेखन	विवरण- संकलन सामूहिक चर्चा अवधारणाओं की समझ । नाट्य रूपांतरण	क्षेत्र विशेष के व्यंजनों का ज्ञान
नवंबर	20	नीलकंठ , भोर और बरखा पहला, दूसरा, तीसरे दिन के युद्ध से अभिमन्यु तक शब्द परिवार,	सामूहिक चर्चा रेखाचित्र की विशेषताएँ	पशु -पक्षियों के बीच के आपसी प्रेम का ज्ञान ।
दिसंबर	22	वीर कुँवरसिंह, संघर्ष के कारण मैं तुनुक मिजाज हो गया-धनराज, आश्रम का अनुमानित व्यय युधिष्ठिर की चिंता और कामना से युधिष्ठिर की वेदना तक वचन, प्रत्यय, तत्पुरुष	स्वतंत्रता सेनानियों पर एक कोलॉज तैयार करें	संघर्ष और साहस का ज्ञान । कोलॉज बनाना
जनवरी	20	विप्लव गायन पांडवों का धृतराष्ट्र के प्रति व्यवहार से श्रीकृष्ण और युधिष्ठिर तक विराम चिह्न आवश्यक पुनरावृत्ति	संस्वर वाचन चित्रकारी रेखाचित्रण	आजादी का अनुभव
फरवरी	22	पुनरावृत्ति,		
मार्च	23	वार्षिक परीक्षा		

SANSKRIT

माह	कार्य दिवस	पाठ्यपुस्तक ज्ञान सञ्चयः	व्याकरण	रचनात्मक गतिविधि/कला एकीकृत	जीवन कौशल /मूल्यबोध
अप्रैल	22	वन्दना .संस्कृत सर्णमाला 1.तृट लकारस्य लङ्लकारस्य चः (पुनरावृत्तिः2.) *अपठित -गद्यांशः *पत्राणि	1.समानार्थक पदम् 2.तृटलकारे परिवर्तनं,क्रियापदानि 3.अव्ययं,वचनंपरिवर्तनं 4.अनुवादं ,उपसर्ग,सन्धिविच्छेदं	1. समूहगानं 2.वाक्यानि रचयत,सामूहिक गआयनम् 3.लङ्लकारस्य वाक्यानि रचयत,कथां पठनं 4.घटिकाया समय प्रदर्शनम् एवं लेखनं	1.शुद्ध उच्चारणं 2.वार्तालापं महत्तवं 3.लङ्लकारस्य क्रियापदानि परिचयः। 4.संस्कृतशब्द ज्ञानम्
मई	09	3.कारक(पुनरावृत्तिः) *संवाद लेखनम्	5.विभक्ति-वचनं ,विधिलिङ्ग	5.कविता गायनं	5.उत्साह वर्धनम्
जून	20	4.लोटलकारः-प्रथम पुरुषः 5.लोटलकारः-मध्यम पुरुष 6.लोटलकारस्य-उत्तम पुरुषः *संवाद-लेखनम् *चित्रवर्णनम्	6.इकारान्त स्त्रीलिङ्ग पदानि,प्रश्न निर्मात्री,सन्धि, अपठिताबोधनं 7.प्रत्ययं,कथां,घटनाक्रमानुसारम् लेखनम् प्रश्नोत्तराणि,रिक्तस्थानानि 8.विलोमपदानि,वङ्गशेषणम्,अनुवादं	6.अनुच्छेद लेखनं,इकरान्त शब्दानाम् अभ्यासम् 7.नाट्य मंचनम्	शब्दाःपरिचयः 7.ज्ञानवर्धनम्। 8.चातुर्यम् महत्तवं
जुलाई	23				

अगस्त	23	7.श्रुति -सञ्चयः 8.कृत्धनः मा भव *उपपद विभक्तिः *अव्यय-प्रकरण *उपसर्ग	9.सन्धिविच्छेदम् 10.प्रश्न निर्माणं,सन्धि-विच्छेदं 11.केवलस्य पठनस्य 18.विशेषण पदानि,अनुवादम् अपठिताबोधनं	9.नितिपरक वाक्यानि लेखनं,चआज्ञा निर्माणम् 10.होलिकोत्सवः जानकारी संग्रहणं। 11.केवलस्य पठनस्य	9.सदाचारस् महत्तवं 10.पर्वस्य महत्तवं प्रतिपादयितुम्। 11.हेतु
		9.ब्राह्मणस्य स्वप्नः *प्रत्ययाः *अशुद्धि - संशोधनम्	17.शुद्ध उच्चारणम् प्रश्न निर्माणम्,समानार्थक पदानि	17.अनुच्छेद लेखनम्	17.मनोरंजनम्
सितंबर	23	*पुनरावर्तन- कार्यं किं-किं उपादेयम्(केवलम् पठनाय)	12.पद- परिचयं,धातु,लकारं,पुरुषो,वचनं,सन्धि	12.दर्शनीय स्थानीय नमाना लेखनम्,चित्रित संग्रहणं।	12.भारतस्य उत्तरदिशायां प्रहरी परिचयः

अक्टूबर	18	10.अस्माकम् त्रिवर्णः *शब्दरूप *धातुरूप 11.प्रेरणात्मिकाः महत्यः सूक्तयः 12.सन्तुलित-भोजनम्	13.संख्यावाचक पदानि,अनुवादं,प्रश्ननिर्माणम् 14.विलोमपदानि,समानार्थक पदानि,प्रश्ननिर्माणम्	13.चित्राणि गणयित्वा:संख्यावाचक शब्दों लेखनं। 14.चित्रं दृष्ट्वा वाक्यानि रचयत,नाटक य-मंचनम्	13.संख्यावाचि शब्दाः परिचयः। 14.प्राचीनग्रन्थ महाभारतीय ज्ञाम्।
नवंबर	16	13.छात्राजीवनस्य महत्त्वं 14.अधुना वद कोऽहम्	15.प्रकृति प्रत्यय विभागं,पद- परिचय 16.प्रश्ननिर्माणं,क्रियाया प्रयोगं।	15.अनुच्छेदलेखनं,चार्ट निर्माणम् 16.वाक्यानि रचयत,पत्र लेखनं	15.बौद्ध धर्मस्य शिक्षाया परिचयम्। 16.पत्र लेखनम् विधि परिचयः
दिसंबर	21	15. अमृत वचनम्	18.विपरीतार्थकपदानि,विशेषण पदानि,अनुवादम्	18.मूल्यपरक प्रश्नम्,सूक्ति प	

जनवरी	22		अपठिताबोधनं पुनरावर्तन-कार्यं	संधि समास	रामचरित्रमानस दोहों का सस्वर वाचन	काम के महत्व का ज्ञान
फरवरी	22		अशुद्धि-संशोधनम् * शब्दरूप रचनात्मक-कार्य कर्ता-क्रिया प्रयोगं	पद-परिचयः	बांस से बनी वस्तुएं पुनरावृत्ति	सृजनात्मक कला का विकास
मार्च	24				वार्षिक परीक्षा	

MATHS

MONTHS	WD	Units	Important Topics	ACTIVITIES/N.E.P	LEARNING OUTCOMES
APRIL	23	Integers	Introduction, Recall, Properties of addition and subtraction of integers, Multiplication of integers, Properties of Multiplication of Integers, Division of Integers, Properties of Division of Integers	Give children some blocks, and then instruct them to make various integer sequences. For example, instruct learners to arrange three positive and two negative integers before adding them all up. This exercise teaches children that adding positive	Students will be able to learn-Define the set of integers, positive numbers, negative numbers, and signs. Compare two integers, using the proper inequality symbol. Order a set of integers from least to greatest. Order a set of integers from greatest to least.

				and negative integers can provide varying results.	
		Fractions and Decimals	#Introduction, How well have you learned about Fractions, Multiplication of fractions, Division of Fractions, How well have we learned about Decimals, Multiplication of Decimal Numbers, Division of Decimal Numbers	. Get a group of children to each plan a picnic and choose the food they want to bring along. Then the picnic has to be shared fairly amongst everyone. Is everything easy to share everything in the basket? Probably not!	Students will be able to learn- understand the equivalence between fractions, decimals, and percentages, order fractions, decimals, and percentages from least to greatest or greatest to least, solve word problems
MAY	15	Data Handling	Introduction, Collecting data, Organization of Data, Representative Values, Arithmetic Mean, Mode, Median, Use of Bar Graphs with a different purpose, Chance and Probability	Creating a tally chart of what colour eyes your classmates have. Drawing a pie chart to show how many boys and girls there are in a class. Making a bar chart to show different people's favorite colours.	Students will be able to Learn collect, record, and interpret data. Students will learn to construct bar and picture graphs for data they collect ...
JUNE	18	Simple Equations	A Mind-Reading Game, Setting up of an Equation, Review of What we Know, What Equation is, More Equations, From Solution to Equation, Application of Simple Equation to Practical Situation	Balance Scale activity This activity helps students visualize equations as balancing scales that must be equal. You can provide students with scale bars or images of a balancing scale and equations in the form of $X + 5 = 10$. Students will then have to place weights on the scale on the X side and adjust them so that the equation balances.	Students will be able to Learn Create, write and manipulate complex algebraic expressions and general functions, and solve algebraic and transcendental equations. (Compute, simplify and ...solve
JULY	25	Lines and angles	Introduction, Related Angles, Pair of Lines, Checking	For a point, we make a fist and say "Point." For a ray,	Students will be able to Learn Identify and apply the

			of Parallel Lines	we put our arms out to either side of us and make one hand a fist (point) and the other straight like an arrow and say, "Ray." For line, we make both hands straight like arrows on either side and for line segment, you guessed it, both hands are fists like points. We'll make our arms into intersecting lines, parallel lines, and perpendicular lines as well.	properties of lines and angles. Understand the concept of parallel, perpendicular, complementary and supplementary angles, vertical angles, and parallel lines cut by a transversal.
		The Triangle and its Properties	Introduction, Medians of a Triangle, Altitudes of a Triangle, Exterior Angle of a Triangle and its Properties, Angle Sum Property of a Triangle, Two Special Triangles: Equilateral and Isosceles, Sum of the Lengths of Two Sides of a Triangle, Right Angled Triangle and Pythagoras property	This <u>congruent triangles foldable</u> is so helpful for my students to refer to throughout the unit. It keeps all of the information in one location so that it's quick and easy for them	Students will be able to Learn At the end of the triangles lesson, students will be able to: Apply the properties and characteristics of all triangles to solve real-world problems. Identify and use the unique characteristics of right, isosceles, equilateral, acute, obtuse, and scalene triangles.
AUG	23	Comparing Quantities	Introduction, Equivalent Ratios, Percentage - Another Way of Comparing Quantities, Use of Percentages, Prices Related to an Item or Buying and Selling, Charge Given on Borrowed Money or Simple Interest.		Students will be able to Learn Recalls ratios and percentage • Learns Increase or Decrease percent • Applies percentage to Profit and Loss • Learns the concept of Simple Interest
			Introduction, Equivalent Ratios, Percentage - Another Way of		

			Comparing Quantities, Use of Percentages, Prices Related to an Item or Buying and Selling, Charge Given on Borrowed Money or Simple Interest.		
		Rational Numbers	Introduction, Need for Rational Numbers, What are Rational Numbers, Positive and Negative Rational Numbers, Rational Numbers on a Number Line, Rational Numbers in Standard Form, Comparison of Rational Numbers, Rational Numbers Between Two Rational Numbers, Operations of Rational Numbers	Rational counting is the act of counting physical objects (things). Rational counting involves answering the question "How many?" For example, "How many children?", "How many cars?", "How many blocks?" etc. Children need a lot of help as they start rational counting	The Learner: • Defines Rational numbers Ch. 3 Data Handling • Analyses the properties of addition, subtraction, multiplication and division of rational numbers • Finds out desired no. of rational numbers between two given rational numbers • Represents rational number on a number line
SEPT	23	Practical Geometry	Introduction, Construction of a line parallel to a given line, through a point not on the line, Construction of triangles, Constructing a triangle when lengths of its three sides are known (SSS criterion), Constructing a triangle when the lengths of two sides and the measure of the angle between them are known (SAS criterion), Constructing a triangle when the measures of two of its angles and the length of the side included between them is given (ASA		The Learner: • Constructs Parallel line to a given line • Constructs different types of triangles using given elements • Learns the usage of ruler, compass and protractor Skills : Drawing skills, Identification , Creative thinking

			<p>criterion), Constructing a right-angled triangle when the length of one leg and its hypotenuse are given (RHS criterion).</p>		
		Perimeter and Area	<p>Introduction, Squares and Rectangles, Area of a Parallelogram, Area of a Triangle, Circles, Conversion</p>	<p>When students are learning about area and perimeter, use sticky notes to cover large shapes and calculate how many sticky notes it takes to go around or fill an object. When students have more knowledge and skills, assign lengths to each color of sticky notes and challenge students to calculate the area and perimeter of shapes made with each color.</p>	<p>The Learner: • Identifies the plane figures • Verifies the area of triangle and parallelogram • Verifies the circumference and area of a circle • Learns how to convert the unit</p>
OCT	19	Algebraic Expressions	<p>Introduction, How are Expressions Formed, Terms of an Expression, Like and unlike terms; Monomials, Binomials, Trinomials and Polynomials, Finding the Value of an Expression.</p>	<p>To play this game, divide the students into two teams (or play in many small groups). Each team takes turns rolling a dice. The goal of the game is to add up numbers to reach as close to 101 as possible, but without passing this number. Students can multiply the number on the dice by 10, or leave it as is. For example, they might roll a five and change it to 50. Then, they might roll a six and leave it as six, adding it to the 50 to get 56. Continue and see which team gets closer to 101</p>	<p>The Learner: • Defines Coefficients, Terms and Expression • Learns about Monomials, Binomials, Trinomials and Polynomials • Applies addition and subtraction to the expressions</p>

				without passing it.	
NOVE	20	Exponents and Powers	Introduction, Exponents, Laws of Exponents, Miscellaneous Examples using the Laws of Exponents, Decimal Number System, Expressing Large Numbers in the Standard form.	uses note cards to pose challenges. On the cards, write out exponent rules students can become. For instance, one card might have the number 3 as an exponent, another might have the number 5 as a base, and another might have 4 as a solution. Then post an equation on the board.	
DEC	22	Symmetry	Introduction, Lines of Symmetry for Regular Polygons, Rotational Symmetry, Line Symmetry	Paper Folding. ... Mirror Image. ... Alphabet Symmetry.	students will be able to: name and recognize the three different types of symmetry: reflection, rotational, and point. identify a shape's line of symmetry. identify a shape's order of rotation. create an image with point symmetry using graph paper.
JAN	20	Visualising Solid Shapes	Introduction: Plane Figures and Solid Shapes, Faces, Edges and Vertices; Nets for building 3-d shapes, Drawing Solids on a Flat Surface, Viewing Different Sections of a Solid.	Trace it! Use building blocks of different solid shapes and have your students trace all the faces on a piece of paper. ... Make it! Cut index cards into shapes that fit together as faces of a cube, rectangular prism, or pyramid. ... Solid Sort. Have students work in pairs or small groups.	The Learner: • Recognizes 2D and 3D shapes • Identifies different shapes in nested objects • Represents 3D shapes on a plane surface • Practically learns the 'Shadow play' technique
FEB	22	REVISION	REVISION		
MARCH	23	ANNUAL EXAM			

**SCIENCE
PHYSICS**

Prescribed Book -Basic Science for Class VII

SUBJECT: PHYSICS		CLASS: VII		SESSION: 2023-24
MONT H	W.D.	TOPIC	ACTIVITIES	LEARNING OUTCOMES
APRIL	23	CH. 10.- HEAT <ul style="list-style-type: none"> Heat Measuring temperature Laboratory thermometer Transfer of heat Kinds of clothes we wear in summer and winter 	<ul style="list-style-type: none"> List down the things present in the classroom and classify them into conductors and insulators. 	Students will be able to understand the concept of heat and modes of transfer of heat.
MAY	15	CH. 14 - ELECTRICITY <ul style="list-style-type: none"> Symbols of electric components Heating effect of electric current 	<ul style="list-style-type: none"> Make a chart of symbols of various electric components. 	Able to understand charge, current and symbol of electrical component.
JUNE	18	CH. 14 - ELECTRICITY <ul style="list-style-type: none"> Magnetic effect of electric current Electromagnet Electric bell 	<ul style="list-style-type: none"> Draw the circuit diagram and explain the mechanism of an electric bell. 	Students will be able to know about electric current and different types of electric circuit.
JULY	25	Ch. 08 - WINDS, STORMS AND RAIN <ul style="list-style-type: none"> Wind Air pressure Wind currents Thunderstorms and cyclones 	<ul style="list-style-type: none"> Make a chart to list down the precautions taken by us during thunderstorm. 	Students will be able to understand the concept of formation of thunderstorms and its effect.
AUGU ST	23	Ch. 08 - WINDS, STORMS AND RAIN (REVISION)		
SEPTE MBER	23	<p style="text-align: center;">REVISION HALF-YEARLY EXAMINATION</p> <p>Ch. 13- TIME MOTION AND SPEED</p> <ul style="list-style-type: none"> Slow or fast Speed 		
OCTO BER	19	Ch. 13- TIME MOTION AND SPEED <ul style="list-style-type: none"> Units of time and speed Measuring speed 	Making model of Sundial to record the changes in breathing rate under different conditions	Students will be able to know about Standard Units of Measurements.

NOVEMBER	20	Ch. 13- TIME MOTION AND SPEED <ul style="list-style-type: none"> • Measurement of time • Distance-time graph 		Students will be able to understand the concept of reflection.
DECEMBER	22	Ch. 15 - LIGHT <ul style="list-style-type: none"> • Light travels along a straight line • Reflection of light • Right or left shift of image. 	Draw the different types of mirrors in a chart paper.	Students will be able to understand the concept of dispersion of light.
JANUARY	20	Ch. 15 - LIGHT <ul style="list-style-type: none"> • Playing with spherical mirrors • Images formed by lenses 	Making of Newton's colour disc	Students will be able to learn about concave and convex mirror
FEBRUARY	22	Ch. 15 - LIGHT <ul style="list-style-type: none"> • Real and Virtual image • Sunlight - white or coloured? Revision	Practically show the refraction of light by lenses.	Students will be able to know real and virtual image formed by mirror.
MARCH	23	ANNUAL EXAMINATION		

BIOLOGY

PRESCRIBED TEXT BOOK – BASIC SCIENCE (part-7)

Publication- Bharati Bhawan

Month	No.of Working Days	Topic	Activities	Learning Outcomes
April	23	Ch.9 Obtaining & Utilising Food	*To show sunlight is essential for photosynthesis. *To show the growth of fungus on bread. [*Experiment]	*Learn different modes of nutrition. *Understand photosynthesis and factors affecting photosynthesis. *Understand process of nutrient replenishment in soil.

Architect of Mankind

May	15	Ch.9 Obtaining & Utilising Food [Continued]	<ul style="list-style-type: none"> *Role play with children. [Types Of Teeth] *To study the effect of saliva on starch. *To detect four main types of taste. [*Role play] 	<ul style="list-style-type: none"> *Understand photosynthesis and factors affecting photosynthesis. *Understand process of nutrient replenishment in soil. *Know mode of nutrition in Amoeba and human beings. *Learn different modes of nutrition.
June	18	Ch.17 Forests	<ul style="list-style-type: none"> *To study conservation of forest and wildlife. [*Photography] *Collage making] 	<ul style="list-style-type: none"> *Know about timber and Paper * Important of forest in day to day life
July	25	Ch.13 Weather, Climate and Adaptations	<ul style="list-style-type: none"> *Graph for daily changes in temperature, day length, humidity etc.[*Sketching] 	<ul style="list-style-type: none"> *Analyse how weather affects our lives. *Understand climate.
August	23	Ch.13 Weather, Climate and Adaptations [Continued]	<ul style="list-style-type: none"> *Collect information about the Indian Meteorological Department. *Sectorial representation of adaptation of polar bear.[Collage making] 	<ul style="list-style-type: none"> *Know about migration. *Understand adaption.
September	23	Ch.11 Respiration in Plants and Animals	<ul style="list-style-type: none"> Term -1 Exam Measurement of pulse rate heart beat before and after exercise.[*Experiment *Enquiry] 	<ul style="list-style-type: none"> The students will be able to understand and evaluate the errors and mistakes done in the paper and will be able to improve upon the same through correction.
October	19	Ch.11 Respiration in Plants and Animals	<ul style="list-style-type: none"> * Find out breathing rate after certain activities. *To feel and count pulse in wrist. *To show transport of water through cells. *To show evaporation in plants. [*Experiment *Enquiry] 	<ul style="list-style-type: none"> *Understand the definition of respiration. *Understand the process of breathing under water.
November	20	Ch.10 Transport and Excretion	<ul style="list-style-type: none"> * Draw a diagram of human Circulatory system and label its parts describe the function of part heart with help of flowchart. 	<ul style="list-style-type: none"> *Know the working of heart and circulation of blood. *Learn the excretory system in human beings. *To record the heart beat and pulse rate.

			*To observe the breathing rate under different conditions. *To identify the gas, we breathe out. [*Sketching *Creative Art]	
December	22	Ch.12 Reproduction in Plants	*To Observe 'eyes 'on a potato and then plant sprouting from it when watered regularly. [*Observation *Experiment]	*Understand the meaning of reproduction and types of asexual reproduction. *Understand different types of asexual modes of reproduction. * Differentiate between sexual reproduction and asexual reproduction.
January	20	Ch.12 Reproduction in Plants	*To show reproductive parts of a flower. [*Collage making *Experiment] Revision Test	The students will be able to understand and evaluate the errors and mistakes done in the paper and will be able to improve upon the same through correction.
February	22		Revision Test FINAL Exam	The students will be able to understand and evaluate the errors and mistakes done in the paper and will be able to improve upon the same through correction.
March	23		FINAL Exam	Open Day

CHEMISTRY

BOOK: BASIC SCIENCE

MONTH	W. D	TOPIC	ACTIVITIES/ART INTEGRATION	LEARNING OUTCOMES
April	23	The language of Chemistry: Symbols, Formulae, Valency, Variable Valency and Chemical Equation.	Write the symbols of following elements on a chart paper- →SILICON →HELIUM →NEON →HYDROGEN →SODIUM →Make a list of some common compounds with formulae on a chart paper.	Knowledge of; →Symbols of elements. →Formulae of compounds and chemical equations.

May	15	Acid Bases and Salts: Indicators, Acids and their behaviour, concentrated and dilute acids, Acid rain, Behaviour of acidic substances, Uses of Acids, Basic Substances, Formation of bases, Uses of bases, Salts, uses of salts.	→Perform an activity to identify a substance as basic or acidic by using Turmeric as an indicator. →Make a list of some Acidic substances, Basic substances and Salts on a chart paper. →Draw, colour and label the pictures of some household substances containing acids. and bases.	Knowledge of →Acidic and basic substance. →General behaviour of acids and their uses. →General behaviour of bases and their uses. →General behaviour of salts and their uses.
June	18	Changes and reaction: Physical change, Chemical change, rusting, Types of chemical reactions: Combination reaction, Decomposition reaction, Displacement reactions, Neutralisation reactions.	→When we will blow the balloon it's size will change and the physical change will be observed. →We will burn a candle and observe the chemical change and draw the burning candle in a chart paper.	Knowledge of: →Physical change. →Chemical change.
July	25	Changes and reaction	Diagrammatical representation of displacement reactions.	Knowledge of types of reaction.
August	23	Revision	Revision for half yearly exam.	
September	23	Half yearly exam	Discussion on the half yearly exam question paper.	Students will able to understand their mistakes and will able to rectify their mistakes.
October	19	Fibres from animals: Silk, Rearing of silkworm, Moulting, Raw and spun silk, Wool, sheep breeding, Shearing, quality of wool, properties of wool.	*Make a model on the life cycle of silk worm. →Write the steps to differentiate silk and wool from artificial fibres.	Knowledge of animals fibres: →Silk →Wool
November	20	Soil: Composition of soil, humus, worm coast, biota, layers of soil: A horizon, B horizon, C horizon, R horizon, types of soil, soils and crops, type of soil in India: Alluvial soil, Red soil, Black soil, lateritic soil, Desert soil, Mountain soil.	*perform an activity to take out moisture content of the soil. →Draw the different layer of soil with proper labelling in chart paper.	Knowledge of: →Composition of soil →Layers of soil →Types of soil →Soil and crops →Types of soil in India

December	22	Water scarcity and management: Sources of water; surface water, ground water, rainwater. Water resources in India; precipitation, surface water, groundwater. Scarcity of water, Pani Panchayats In Maharashtra	*Write the points responsible for the depletion of ground water level. → Diagrammatical representation of rain water harvesting.	Knowledge of: → Sources of water → Water resources in India → Scarcity of water
January	20	Waste management: Sources of liquid waste: Municipal waste water, Industrial waste water, Rainwater, Disposal of waste water: Water pollution, Waste water treatment, Other waste disposal system.	*Mention the points responsible for water pollution. → Role play on working of waste water treatment.	Knowledge of: → Sources of liquid waste → Disposal of waste water → water pollution → Waste water treatment
February	22	Revision for annual exam	Revision test	
March	23	Annual exam	Annual exam	

SOCIAL SCIENCE

Book- Learnwell SMART

Map book- Periwinkle

HISTORY

Month	Working days	Topic	Activity	Learning Outcome
APRIL	23	Ch 1- Where , When and How *Terms used to describe the subcontinent and its regions with a map. An outlining of the time frame and major developments	Make a list of all the places you want to visit like museums and monuments. (Art integrated Activity)	Familiarise with the name of different travellers and their period
MAY	15	Ch 2- New Kings and Kingdoms Political Developments in India Rise of the Rajput Clans	To mark the modern Indian states that were occupied by the following- a. Rashtrakutas b. Cholas c. Pandyas (Art integrated activities)	Know main political developments from 700-1200 CE.
JUNE	18	Ch 3- The Delhi Sultanate • The Slave Dynasty, The Khali Dynasty	To collect pictures of Delhi Sultanate and re-create monuments built by them on the bulletin board. (Art integrated activities)	Familiarise with Beginning, Administration & Downfall of the sultanate

JULY	25	Ch 4- The Mughal Empire Political conditions in 16 th Century The Mughals Akbar's Policy	Prepare a script on theme 'when Akbar visits India in the 21st century and enact a short skit in your class. (Art integrated Activity)	To know foundation & expansion of the Mughal Empire .
AUGUST	23	Ch. 5 Architecture in Medieval India Varieties of monumental architecture in different parts of the country	Collect Information about well conserved building of the medieval era in your state and prepare a MS PowerPoint presentation to present in class. (Art Integrated activity	To Understand about different types of architecture in medieval period.
SEPTEMBER	23	Revision Work & Revision Test Mid term Examination		
		TERM II		
OCTOBER	19	Ch 6- Towns, Trades And Craftsmen • Different types of Towns	Water conservation was an important practice in the medieval period. Write down five things that we can	To know about towns & urbanization
			do to help conserve water nowadays.	
NOVEMBER	20	Ch 7- Social Changes: Mobile and Settled Communities Tribals in the Medieval Era Political development Means of livelihood Nomadic and Itinerant Case study-The Gonds and the Ahoms	Prepare a M S power point presentation on the information collecting about tribals .	Understand the means of livelihood of tribals.
DECEMBER	22	Ch 8 – Popular Beliefs and Religious Debates	Work with your class and present a beautiful musical event tracing the growth of the Bhakti and Sufi movements.	To have knowledge of Bhakti Movement & Sufi movement
JANUARY	20	Ch 9- The Flowering of Regional Cultures Early Medieval Period, Sultanate Period Mughal Period	Collect information and pictures to understand the distinctive features of the different schools of painting that developed in Medieval India.	To familiarise with cultural developments and different religious beliefs.

		Ch 10- New political Formations in the 18th Century	Collect information about any one prominent ruler of 18th century India and share his or her achievements in class	To understand about new political formation in 18 century and their developments.
FEBRUARY	22	Revision Work & Revision Test		
MARCH	23	ANNUAL TERM		
		SUBJECT-CIVICS TERM-1		
APRIL	23	Ch1 Democracy	Group discussion on ‘Evolution of Bhutan to a Democracy’.	To understand about democracy and it's key features
MAY	15	Ch 2 Institutional Representation of Democracy	Make a list of the political parties of India.	To understand the importance of elections and their procedure.
JUNE	18	Ch 3 State Government	Do a research about your state Government and write a news article.	To understand the working of government and its organs.
JULY	25	Ch4 Role of the State Government in Health Care Healthcare in India Solution to problem	Visit of government hospital and a private hospital. Observe and draw a table showing comparison between them.	To understand the current situation of Healthcare services in India
AUGUST	23	Revision for Half Yearly Examination		
SEPTEMBER	23	Half yearly exam		
October	19	Ch 5 Understanding Media and Advertising	Find out about a famous RTI activist from the internet and research on the RTI filed by him/her.	To understand the role of media in a democratic country.
November	20	Ch 6 Role of Gender in Social and Economic Aspects	Research about two women who contributed to the growth of the country. One from the field of politics and one from the field of social work and reform.	To understand the changing role of women .
December	22	Ch 7 Markets around us	Make a ppt presentation on some unusual market such as floating market in Bangkok.	To understand the concept of market
January	20	Cont Ch 7 Market around us		
February	22	Revision for Annual Examination		
March	23	Annual Examination		

GEOGRAPHY

MONTH	W.D	UNIT/CHAPTER	ACTIVITY	LEARNING OUTCOMES
April	23	Ch 1 The Environment in its Totality	Plan a visit to a nearby nursery and try to note down the variety of plants over there.	To understand the components of environment.

		Ch-2 Earth's Interior	Make a diagram of the interior of the Earth and label it neatly.	Students will be Familiar with Structure of the earth and Earth's Interior.
May	15	Ch-3 Changing Face of the Earth	Make a collage of different forms of landforms.	Students will be Familiar with the major landforms.
June	18	Ch-4 Composition and Structure of the Atmosphere	Draw a pie-diagram and show the composition of air and percentage of various gases.	To understand the structure and effects of the atmosphere.
July	25	Ch-5 Elements of Weather and Climate Ch-6 Water- It's Distribution and Circulation	Make a report on how rain is measured using different instrument. Draw the hydrological cycle and write it's importance.	To understand the different types of precipitation. To understand the ocean circulation like waves, tides and currents.
August	23	REVISION		
September	23	1ST TERM EXAM	-----	
October	19	Ch-7 Natural vegetation and wildlife	Find out names and pictures of 5 trees that grow in a mangrove forest • Make a PowerPoint presentation on cyclones which have hit India in last 5 years.	To understand the types of forests and grasslands.
November	20	Ch-8 Settlements, Transport & Communication	Draw a well – labelled diagram of different means of communication	Student will be understood about Rural and urban settlement They will be familiar with Transport and different

		Ch 9: The tropical and subtropical regions	On the map of northern region of India, show the extent of the Ganga-Brahmaputra river basin and mark the five important cities along its course.	types of transport. To know about the tropical climatic zone and it's river basins. To understand the climate and river basins of subtropical regions.
December	22	Ch 10Life in Temperate Grasslands	On an outline map of the world, show the geographic location of all Temperate Grasslands. Mark the following – The Prairies, The Velds, The Steppes, The Pampas, The Downs.	To understand the life in Temperate Grasslands.
January	20	Ch 11- Life in Desert Regions	Map work- On an outline map of India, show the Ladakh desert region.	To understand the life in desert region.
February	22	REVISION		
MARCH	23	ANNUAL EXAMINATION		

COMPUTER
COMPUTER SYLLABUS

PRECRIBED TEXT BOOK-COMPUTER.COM
PUBLISHER-VIVA EDUCATION

MON TH	W D	NAME OF CHAPTER	TOPICS TO BE TAUGHT	LEARNING OUTCOME	ACTIVITY
APRI L	23	NUMBER SYSTEM	<ul style="list-style-type: none"> NUMBER SYSTEM NEED OF NUMBER SYSTEM TYPES OF NUMBER SYTEM 	STUDENTS WILL LEARN ABOUT THE NEED OF NUMBER SYSTEM & CONVERSIONS IN NUMBER SYSTEM	CLASSROOM DISSCUSSION COMPUTER ETIQUETTE
MAY	15	CHARTS IN EXCEL 2016	<ul style="list-style-type: none"> INTRODUCTIO N TO CHART ADVANTAGE TO CHART COMPONENTS OF CHART 	STUDENTS WILL LEARN ABOUT THE USE OF CHARTS IN EXCEL	CREATE DIFFERENT CHARTS IN EXCEL
JUNE	18	MORE ON SMALL BASIC	<ul style="list-style-type: none"> CONTROL STRUCTURES SUB ROUTINE 	STUDENTS WILL LEARN ABOUT THE SMALL BASIC	WRITE SMALL BASIC PROGRAMS

				PROGRAM	
JULY	25	ETHICS & SAFETY MEASURES IN COMPUTING	<ul style="list-style-type: none"> • INTERNET • ADVANTAGES OF INTERNET • COMPUTER ETHICS 	STUDENTS WILL LEARN ABOUT THE COMPUTER ETHICS & INTERNET	WRITE FIVE ADVANTAGES & DISADVANTAGES OF INTERNET
AUGUST	23	COMMON INTERNET SERVICES	<ul style="list-style-type: none"> • SOCIAL NETWORKING SITES • CLOUD COMPUTING • ONLINE SHOPPING 	STUDENTS WILL LEARN ABOUT THE DIFFERENT SOCIAL NETWORKING SITES.	WRITE ABOUT ANY THREE SOCIAL NETWORKING SITES
SEPTEMBER	23		HALF YEARLY EXAM CH-1 TO CH-5 QUESTION PAPER DISCUSSION		
OCTOBER	19	THE MAIL MERGE	<ul style="list-style-type: none"> • E-MAIL • COMPONENTS OF EMAIL 	STUDENTS WILL LEARN ABOUT THE DIFFERENT FUNCTIONS OF MAIL MERGE	WRITE STEPS TO CREATE & SEND AN EMAIL
NOVEMBER	20	INTRODUCTION TO HTML 5	<ul style="list-style-type: none"> • HTML • TAGS ,ELEMENTS & ATTRIBUTES • STRUCTURE OF HTML DOCUMENT • CREATING HTML DOCUMENT 	STUDENTS WILL LEARN ABOUT THE HTML PROGRAMMING.	WRITE FIVE HTML PROGRAMS USING DIFFERENT TAGS & ATTRIBUTES.
DECEMBER	22	COMPUTER VIRUSES & SECURITY	<ul style="list-style-type: none"> • COMPUTER VIRUS • CYBER CRIME • CYBER SECURITY 	STUDENTS WILL LEARN ABOUT THE COMPUTER VIRUS, CYBER CRIME.	WRITE ABOUT DIFFERENT TYPES OF CYBER CRIMES HAPPENING IN INDIA
JANUARY	20	INTRODUCTION TO	<ul style="list-style-type: none"> • GOOGLE DRIVE 	STUDENTS WILL LEARN ABOUT	EXPLAIN HOW GOOGLE DRIVE

		GOOGLE DRIVE	<ul style="list-style-type: none"> WORKING WITH GOOGLE DRIVE WORKING WITH FILES & FOLDERS 	GOOGLE DRIVE ,& ABOUT FILES & FOLDERS	HELPS IN STORING THE DATA.
FEB	22		REVISION OF CH-6 TO CH-9		
MARCH	23		ANNUAL TERM		

V.ED

MONTH	TOPIC	ACTIVITIES	LEARNING OUTCOME
April	Session -1 The Introduction	A. V Class	Emphasis on developing the universal possibilities
May	Session -2 Developing Aashaadha Part 1 and 2	Exploration through snapshots	Strengthening of Atmashradha
June	Session -3 Developing Atmashraddh Part 3 and 4	Discussion on Exploration 1,2 and 3	Exploring bigger goals and accomplishing them to develop Atmashraddha
July	Session -4 Being Heroic Part 1 and 2 Session -5 Being Heroic - 3 and 4	Introduction to three forms of courage	Facing Challenges courageously
August	Session -6 Expanding Myself -Part 1 and 2 Session -7 Expanding Myself -Part 3 and 4	Group Activity	Widening Concerns and Thinking about wider impact of action ,making more unselfish choices
September	Session -8 Living in harmony Part 1 and 2 Session -9 Living in harmony Part 3 and 4	Accepting Differences in family Community and society -Snapshots	Learners will be able to focus on accepting difference in society, community and national
October	Session – 10 Seeking Perfection Part 1 and 2 Session -11	Assignment Making through systematic approach	Seeking perfection in the products we make and in any process or method we follow

	Seeking Perfection Part 3 and 4		
November	Session -12 Developing Shraddha Part 1 and 2 Session -13 Developing Shraddha Part 3 and 4	Developing shraddha in our cultural heritage and traditions	To develop a sense of respect, pride and self - esteem in being an Indian, developing shraddha in our nationalhood
December	Session -14 Being a Truth-seeker Part 1 and 2	Seeking Truth using Scientific mode of thinking	Importance of truth - seeking approach
January	Session -15 Being a Truth-seeker Part 3 and 4 Session -16 Awakening Our Possibilities	Discussion on Snapshot	To highlight how despite of abuses in society,a truth - seeking approach keeps and ensures social justice.
February	Revision		
March	Revision		

G.K

MONTH	W.D	TOPIC	ACTIVITY	LEARNING OUTCOME
APRIL	23	CH-1 PLANT LIFE CH-2 SOME MUSEUM OF THE WORLD CH-3 FAMOUS NEWSPAPERS OF INDIA CH-4 SOME FAMOUS TEMPLES OF INDIA CH-5 WORLD FAMOUS PERSONALITIES CH-6 AUTOBIOGRAPHY CH-7 COUNTRY, CAPITAL AND CURRENCY	QUIZ TIME	LEARNERS WILL BE ABLE TO DEVELOP THINKING SKILL
MAY	15	CH-8 FACT FILE CH-9 QUIZ TIME CH-10 INDIAN CITIES ON RIVER BANKS CH-11 NICK-NAMES CH-12 INDIAN DEFENCE SERVICES CH-13 INDIAN INDUSTRIES CH-14 HILL STATIONS OF INDIA	EXTEMPERE	LEARNERS WILL BE ABLE TO DEVELOP LEARNING SKILL
JUNE	18	CH-15 WORLDS SUPERLATIVES CH-16 WORLD CITIES ON	QUIZ TIME	LEARNERS WILL BE ABLE TO DEVELOP

		RIVER BANK CH-17 FAMOUS MONUMENTS OF THE WORLD CH-18 FIRST IN THE WORLD CH-19 THE UNITED NATIONS ORGANISATION CH-20 POLLUTION CH-21 POLLUTIO QUIZ		THINKING SKILL
JULY	25	CH-22 ABBREVIATION CH-23 SPACE AND ITS FAMILY CH-24 FACT FILES CH-25 SPACE QUIZ CH-26 SOLAR SYSTEM CH-27 SOLAR SYSTEM QUIZ CH -28 HUMAN BODY CH-29 SOME COMMON DISEASES CH-30 GREAT INVESTIONS	EXTEMPERE	LEARNERS WILL BE ABLE TO DEVELOP THINKING SKILL
AUGUST	23	CH-31 SCIENTIFIC INSTRUMENTS CH-32 SOME ISLANDS OF THE WORLD CH-33 TERMINOLOGY CH-34 GROUP NAMES CH-35 SOBRIQUENTS CH-36 SIMILIES CH-37 PROVERB CH-38 SOME TALL BUILDINGS OF THE WORLD	DEBATE COMPETITION	LEARNERS WILL BE ABLE TO DEVELOP THINKING SKILL
SEPTEMBER	23	CH-39 BRANDED PRODUCTS OF THE WORLD CH-40 SOME AMAZING ANIMALS CH- 41 FAMOUS PAINTERS OF THE WORLD CH-42 GREAT MEN AND THEIR QUOTATIONS CH-43 DAMS: TEMPLES OF MODERN INDIA CH-44 STRUGGLE FOR INDEPENDENCE CH-45 FOLK DANCES OF INDIA CH-46 SCIENTIFIC	QUIZ TIME	LEARNERS WILL BE ABLE TO DEVELOP CRITICAL THINKING

		INVENTIONS CH-47 IMPORTANT DAYS LEARNERS WILL BE ABLE TO DEVELOP THINKING SKILL CH-48 ENDANGERED ANIMALS CH-49 INDIANS IN OLYMPICS		
OCTOBER	19	CH-50 SOME FAMOUS INDIAN AUTHORS CH-51 TWENTY- 20 CRICKET CH-52 FAMOUS ENVIRONMENTALIST OF THE WORLD CH-53 NATURAL WONDERS OF THE WORLD	EXTEMPERE	LEARNERS WILL BE ABLE TO DEVELOP THINKING SKILL
NOVEMBER	20	CH-54 WORTHY TREASURE OF INDIA CH-55 SOME CRICKETS FACE CH-56 CORPORATE LEADERS OF INDIA CH-57 OUR DEFENCE	QUIZ	LEARNERS WILL BE ABLE TO DEVELOP OBSERVATION AND ANALYSIS
DECEMBER	22	REVISION	QUIZ TIME	

