



**SPLIT UP SYLLABUS
SESSION-(2024-2025)
CLASS- VIII**

**Subject-English
Prescribed Books**

1. The Magic Carpet VIII
2. Modern English Grammar & Composition VIII

Month	W.D	Book/Area	Unit /Chapter	Proposed Activities	Value
April	23	The Magic Carpet Grammar	Chapter 1. The Automatic Nagging Machine Chapter 2. The Cemetery Of the Chateau d'If 1.Determiners. 2. The Present tense 3. The Past Tense	1.Polite Expressions 2. Spelling Test. 1.Diary Entry	Vocabulary Fluency Accuracy Confidence
May	15	The Magic Carpet Grammar	Chapter 3. Readjustment (Poem) 4.The Future Tense 5. Verbs: Modals 6. Conditionals	1. Understanding the poem 2. Rhyming Scheme .	Expression Presentation Fluency
June	18	The Magic Carpet Grammar	Chapter 4. A Real Hero 7. Non Finites 8.Active And Passive Voice 9. Comparatives	1.Diary Entry.- expressing about past experience. 2. Letter -formal. Letter to the Editor & Complaint letter.	Content Understanding Knowledge Format
July	25	The Magic Carpet Grammar	Chapter 5. Professor Shonku's Diary . Chapter 6. Stopping by Woods on a snowy Evening 10. Adjectives 11. Adverbs 12. Prepositions 13. Conjunctions	1.Recitation. 2. Speaking Test- Local and global.	Fluency Clarity Confidence Pronunciation

August	23	The Magic Carpet Grammar	Chapter 7. Mrs Packletide's Tiger Chapter 8. Growing Up Chapter 9. Clouds and Waves 14. Phrases and Clauses 15. Relative Clauses 16. Sentences: Simple, Compound and Complex 17. Transformation of sentences	1.paragraph writing:- Achievement of Life. 2. Comprehensive passages.	Accuracy understanding
September	23		Revision and term 1		
October	19	The Magic Carpet Grammar	Chapter 10. Within and without Chapter 11. William goes To The Pictures 18. Direct and Indirect Speech 19. Punctuation and Capital Letters 20. Comprehensive Grammar Practice	1.Conversation 2. E-mail writing	Format Confidence Fluency
November	20	The Magic Carpet Grammar	Chapter 12. Kipling Country Chapter 13. Mowgli Returns to the World of Men Chapter 14. The Highway Man 21. Words often confused 22. Words Followed by Prepositions 23. Synonyms and Antonyms 24. Idiomatic Expressions 25. Spelling Rules	1.paragraph writing:- The great Scientists "Albert Einstein & Firdaus Kanga"	Accuracy Knowledge
December	22	The Magic Carpet	Chapter 15. Saturday,20 June 1942	1.Project:- monsoon, type of seasons in details, record of	Fluency Writing Accuracy

		Grammar	Chapter 16. Thoughtful Boys Make Thoughtful Men . Chapter 17. Poem Pair 29. Writing Messages 30. Writing Notices	temperature for a fortnight. Draw a graph of it .	
January	20	The Magic Carpet Grammar	Chapter 18. Baba Budan's Magic Beans Poem 19. The adventure Of The Empty House 31. Writing Letters and E- Mails 32. Story Writing 33. Writing Reports 34. Speech Writing	1. Debate:- “local for Vocal” 2. Group discussion	Confidence Vocabulary Content.
February	22	The Magic Carpet Grammar	Revision	1. Speaking and listening test.	Confidence Presentation
March	23		Revision and Final term		

HINDI

पाठ्यपुस्तक:- 1. वसंत भाग-3 (एन.सी.ई.आर.टी.)

2. भारत की खोज (एन.सी.ई.आर.टी.)

3. व्याकरण भारती-भारती भवन

महीना	कार्य दिवस	बसंत भाग 3 , भारत की खोज, व्याकरण भारती	क्रिया कलाप	सिखने के परिणाम
अप्रैल	23	धनिनि, लाख की चूड़ियाँ,	कविता संकलन	मशीनी युग का प्रभाव
मई	15	अहमदनगर का किला, पुनरुत्थ शब्द , वाक्य निर्माण		अंग्रेजों के जमाने में की गई यात्रा का ज्ञान
जून	18	बस की यात्रा, दीवानों की हस्ती चिट्ठियों की अनूठी दुनिया,	यात्रा का वर्णन , सकारात्मक लेख, पत्र,	सरकारी बसों में यात्रा का अनुभव
जुलाई	25	तलाश , क्रिया , विशेषण , अनेकार्थी शब्द, कारक, विभक्ति, प्रत्यय, शब्द-परिवार, संधि रूप, अपठित गदयांश	परियोजना कार्य, पेन-पेपर मूल्यांकन	पत्र लेखन का ज्ञान
अगस्त	23	भगवान के डाकिये , क्या निराश हुआ जाए, यह सबसे कठिन समय नहीं , सिंधु धारी की सभ्यता अपठित गदयांश	कविता रचना	जैतिक मूल्यों की जानकारी

		दुंद समास , संज्ञा, निबंध	समावार पत्रों से अच्छी- बुरी घटनाओं को पढ़कर सुनाना नैतिक मूल्यों से जुड़ी कठानियाँ सुनना- लिखना	
सितम्बर	23	कवीर की साखियाँ, मानक रूप , पत्र लेखन, पुनरावृति	मिलते-जुलते दोहों का संकलन अंताक्षरी कक्षा कार्य गृहकार्य	सामाजिक ज्ञान
अक्टूबर	19	कामवोर , जब सिनेमा ने बोलना सीखा, युगों का दौर, उपर्युक्त-प्रत्यय	नाटकीकरण आशुभाषण प्रश्न मंच	मूक सिनेमाओं का ज्ञान
नवम्बर	20	सुदामा चरित, जहाँ पहिया है, नई समस्याएँ , उपर्युक्त-प्रत्यय पत्र-लेखन	एकांकी वार-विवाद परियोजना पैन-पेपर मूल्यांकन	मित्रता का ज्ञान
दिसम्बर	22	अकबरी तोटा , सूरदास के पद , विलोम शब्द , पर्यायवाची शब्द , अनेक के लिए एक शब्द, मुहावरे, निबंध	कठानी लेखन सख्त गायन	झूठ बोलने का परिणाम
जनवरी	20	पानी की कठानी , बाज और सौँप , अंतिम दौर- एक-दो; तनाव , क्रिया , कारक , समानार्थी शब्द , प्रत्यय , मुहावरे , अनुच्छेद लेखन	आत्मकथा की रचना प्रेरक कठानी सुनाना गृहकार्य	साहस का ज्ञान
फरवरी	22	टोपी , भारत की खोज-दो पृष्ठभूमियाँ , मानक रूप , मुहावरे , अपठित गदयांश	नाटकीकरण कठानी कथन कठानी रचना	लगन और आरथा का ज्ञान
मार्च	23	अक्टूबर से फरवरी तक के पाठों की पुनरावृति		

SANSKRIT

सत्र-2023-24

विषय: संस्कृत

निर्धारित पुस्तकों :- 1. संस्कृत पाठ्य पुस्तिक

| ज्ञान संचया:(3)

V.V.P.S
प्रथमसत्र

माठ	कार्य दिवस	पाठ्यपुस्तक ज्ञान संचया:(3)	व्याकरण	रचनात्मक गतिविधि/कला एकीकृत	जीवन कौशल /मूल्यबोध
अप्रैल	23	वंदना *संस्कृतभाषायाःसामान्य ज्ञानम् 1.विधिलिङ्ग लकारः	1.समानार्थक पदम् 2.विधिलिङ्गलकारे परिवर्तनं,क्रियापदानि 3.अव्ययं,वचनंपरिवर्तनं	1. समूहगानं 2.वार्तालापं महतवं रचयत,सामूहिक गायायनम्	1.शुद्ध उचारणं 2.वार्तालापं महतवं 3.लङ्घलकारस्य क्रियापदानि परिचयाः।

		*अपठित-ग्रन्थाशः 2.बालकः रत्नम् *संवाद-लेखनम् 3.नृपस्य रत्नम्	4.अनुवादं ,प्रत्ययं,उपसर्ग,सन्धिवि च्छेदं	3.लङ्गलकारस्य वाक्यानि रचयत,कथां पठनं 4.घटिकाया समय प्रदर्शनम् एवं लेखनं	4.समय ज्ञानम्
मई	15	4.वृक्षाणां उपयोगिता परिशिष्टम् (व्याकरणम्)	5.विभिन्न-वचनं ,विधिलिङ्ग	5.कविता गायनं	5.उत्साह वर्धनम्
जून जुलाई	18 25	संस्कृत भाषायाः सामान्य ज्ञानम् (केवलं पठनाय) 5.श्रुति-सञ्चासः 6.विज्ञानस्य महिमा 7.सूर्यः 8.अभ्यासः सफलतायाः मूलमन्त्रम्	6.इकारान्त स्त्रीलिङ्ग पदानि,प्रश्न निर्मात्री,सन्धि, अपठिताबोधनं 7.प्रत्ययं,कथा,घटनाक्र मानुसारम् लेखनम् प्रज्ञोत्तराणि,रिक्तस्थाना नि 8.विलोमपपदानि,वडशाए षणम्,अनुवादं	6.अनुच्छेद लेखनं,इकारान्त शब्दनाम् अभ्यासम् 7.नाट्य मंचनम्	6.इकारान्त शब्दाःपरिचयः 7.ज्ञानवर्धनम् 8.बुद्धि-वातुर्यम् महत्वं

अगस्त	23	9.धूर्तः-शृगालः *सन्धि, *विलोम *शब्द 10.सूक्तयः *अशुद्धि संशोधनम्	9.सन्धिविच्छेदम् 10.प्रश्न निर्माणं,सन्धि- विच्छेदं 11.केवलस्य पठनस्य 18.विशेषण पदानि,अनुवादम् अपठिताबोधनं	9.नितिपरक वाक्यानि लेखनं,चाजर्ट निर्माणम् 10.होलिकोत्सवः जानकारी संग्रहणं। 11.केवलस्य पठनस्य	9.सदाचारस् महत्वं प्रतिपादियतुम् 10.पर्वस्य महत्वं प्रतिपादियितुम्। 11.हेतु
		11.सङ्गणक प्रयोगशालायाः दृश्यम् *कारकः(उपपद,-विभक्ति- नियमाः)	17.शुद्ध उच्चारणम् प्रश्न निर्माणम् समानार्थक पदानि	17.अनुच्छेद लेखनम्	17.मनोरंजनम्
सितंबर	23	12.दीपोत्सवः ,अर्धवार्षिक परीक्षा	12.पद- परिचयं,धातु,लकारं,पुरुषों, वचनं,सन्धि	12.दर्शनीय स्थानीय नमाना लेखनम्,चित्रित संग्रहणं।	12.भारतस्य उत्तरदिशायाः प्रहरी परिचयः

द्वितीय सत्र

अक्टूबर	19	13.ज्ञानं भारः क्रियां विना 14.नीतिष्ठोकाः *शब्दरूप,धातु रूप, अव्यय,पर्याचारा ची शब्दाः *प्रत्ययाः- कृदन्त प्रत्ययाः,विशेषण -विशेष्याः	13.संख्यावाचक पदानि,अनुवादं,प्रांगनिर्मा णम् 14.विलोमपदानि,समानार्थ क पदानि,प्रांगनिर्माणम्	13.वित्राणि गणयइत्वाःसंख्यावाच क शब्दों लेखनों 14.वित्रं दृष्टवा वाक्यानि रचयत,गाटक य-मंचनम्	13.संख्यावाचि शब्दाः परिचयः। 14.प्राचीनग्रन्थ महाभारतीय ज्ञाम्
नवंबर	20	15.कुशलःशास कः *अशुद्धि संशोधनम् पुनरावर्तन-कार्य	15.प्रकृति प्रत्यय विभागं,पद-परिचय 16.प्रांगनिर्माणं,क्रियाया प्रयोगं।	15.अनुच्छेदलेखनं,चार्टा निर्माणम् 16.वाक्यानि रचयत,पत्र लेखनं	15.बौद्ध धर्मस्य शिक्षाया परिचयम् 16.पत्र लेखनम् विधि परिचयः
दिसंबर	22	*परिशिष्ट(व्याकरण भागः)	18.विपरीतार्थकपदानि,वि शेषण पदानि,अनुवादम्	18.मूल्यपरक प्रांगम् सूक्ति प	

जनवरी	20	अपठिताबोधनं *पुनरावर्तन-कार्य	संधि समास	शमचरित्रमानस दोहों का सर्वर वाचन	काम के महत्व का ज्ञान
फरवरी	22	*रचनात्मक-कार्य *कर्ता-क्रिया प्रयोगं	पद-परिचयः	बांस से बनी वस्तुएं पुनरावृत्ति	सृजनात्मक कला का विकास
मार्च	23			वार्षिक परीक्षा	

MATHEMATICS

Prescribed Books

1. Text Book NCERT VIII
2. Bharti Bhawan R.S Agrawal
3. Bharti Bhawan Exam Idea

MONTHS	NUMBER OF WORKING DAYS	TOPIC	LEARNING OUTCOMES	ACTIVITY
APRIL	23	CHAPTER – 1 RATIONAL NUMBERS Introduction, Properties of rational numbers, Negative of a rational number, Reciprocal, Representation	• Concept using conversation of various types of numbers.	• generates properties of addition,

		<p>of rational number on the number line, Rational number between two rational number</p> <p>CHAPTER - 6 SQUARES AND SQUARES ROOTS</p> <p>Introduction, Properties of Square numbers, Patterns, Pythagorean triplet, Squares & Square roots, different methods of finding square roots, square roots of decimals.</p>	<ul style="list-style-type: none"> Shading/Colouring equal parts of various shapes. Conversion of decimal number into the rational number 	<p>subtraction, multiplication and division of rational number through pattern.</p> <ul style="list-style-type: none"> Find out as many rational numbers as possible between two given rational numbers. <p>Represent rational number on number line.</p>
MAY	15	<p>CHAPTER - 7 CUBE AND CUBE ROOTS</p> <p>Introduction, Cubes and Cube roots, cube root of a cube number, finding Cube roots by Prime factorisation and estimation method.</p> <p>CHAPTER - 16 PLAYING WITH NUMBERS</p> <p>Introduction, No in general form, Games with numbers, letters for digits, tests of divisibility.</p>	<ul style="list-style-type: none"> To make square using straw and reshape the figure by shifting the straws - play with straws. Draw the square on a graph paper and count them /Tower Pattern. Square MAZE 	<ul style="list-style-type: none"> Finds square and square roots of numbers using different methods. <p>Uses square roots in solving problems of daily life</p>
JUNE	18	<p>CHAPTER - 2 LINEAR EQUATION IN ONE VARIABLE</p> <p>Introduction, Solving equation, some applications, Reducing equation to simplest form and linear form</p> <p>CHAPTER - 5 DATA HANDLING</p> <p>Introduction, Pictograph, Bar graph, double bar graph, organizing data, grouping data, Pie chart, Drawing Pie Chart and Chance and Probability</p>	<ul style="list-style-type: none"> Finding Volume of different size RUBRIC CUBE. cube root MAZE <p>Check divisibility rules of 2, 3, 4, 5, 6, 8, 9 and 11</p>	<p>Finds cube and cube roots of a number.</p> <p>Games with numbers</p>
			<p>Solve equation in one variable algebraically</p> <p>Solve a rational equation.</p> <p>Find a liner equation</p> <p>Collect the data related to the birth month of each student of your class and write it in the space given below</p>	<ul style="list-style-type: none"> solve problem based on linear equation in variable. <p>Solve puzzles and daily life problem using variables.</p> <p>Draw and interprets pie charts.</p>

JULY	25	<p><u>CHAPTER - 3 UNDERSTANDING QUADRILATERALS</u></p> <p>Introduction, Polygons, Classification of polygons, convex and concave polygons, regular and irregular polygons, Angle sum property, Parallelogram, Elements of parallelogram, Properties of diagonals, Exterior angles property of a Polygon.</p> <p><u>CHAPTER - 4 PRACTICAL GEOMETRY</u></p> <p>Introduction, constructing quadrilaterals i) When 4 sides and 1 diagonal are given ii) When 3 sides and 2 diagonals are given iii) When 3 sides and 2 angles are given</p>	<ul style="list-style-type: none"> Diagonals of a polygon: Making, identification of vertices & counting of Diagonals of a polygon with the help of students. Making of circle & Quadrilateral with the help of DOTS. Paper cutting: Making Different type of Quadrilateral. <p>Game of KITEs: A Role Play/Story in Mathematics</p> <p>Apply knowledge, techniques, skill and tools of the construction industry</p> <p>Iconstruction activities, Perform standard test data and apply test results to improve construction process</p>	<ul style="list-style-type: none"> Solves problems related to angles of quadrilateral using angle sum property. Verifies properties of parallelogram and establishes the relationship between them through reasoning. <p>Generalizes properties of different types of quadrilateral</p> <p>Construct different quadrilaterals using compasses and straight edge.</p>
AUG	23	<p><u>CHAPTER - 8 COMPARING QUANTITIES</u></p> <p>Introduction, Ratio and Percentage, Increase and Decrease Percent, Discount, Profit and Loss, Sales tax, VAT, Compound Interest, rate, compounded annually</p>	Students will be learn Applies the concept of percent in profit and loss, situation in finding discount, GST and compound interest.	Applies the concept of percent in profit and loss, situation in finding discount, GST and compound interest.
SEPT	23	<u>REVISION/ SAMPLE PAPER/ FIRST TERM EXAM & QUESTION DISCUSSION</u>		
OCT	19	<p><u>CHAPTER - 10 VISUALISING SOLID SHAPES</u></p> <p>Introduction, Views of 3D shapes, Nets, Map, Faces, edges, vertices of a Polyhedron, Euler's Formula</p> <p><u>CHAPTER - 12 EXPONENTS AND POWERS</u></p> <p>Introduction, negative exponents, laws of exponents, standard form of writing large and small numbers</p>		<p>Represents 3D shapes on a plane surface such as sheet of paper, block board etc.</p> <ul style="list-style-type: none"> Solves problem with integral exponents.

		<p><u>CHAPTER - 15</u> <u>INTRODUCTION OF GRAPHS</u></p> <p>Introduction, Bar graph, Pie chart, Histogram, Line graph, Linear graph, Co-ordinates, some applications</p>	<p>To learn plot the graph</p>	<ul style="list-style-type: none"> Use the laws of exponent. Express numbers in standard form <p>Draws and interprets linear graph.</p>
NOV	20	<p><u>CHAPTER - 11 MENSURATION</u></p> <p>Introduction, Area of a trapezium, Area of a general quadrilateral and specific quadrilateral, Area of polygon, surface area of cube, cuboids and cylinder volume and capacity of Cuboids, Cube and Cylinder</p> <p><u>CHAPTER - 9</u> <u>ALGEBRAIC EXPRESSION AND IDENTITIES</u></p> <p>Terms, factors and coefficients, monomial, binomial and polynomial, like and unlike terms, operations of algebraic expressions, Identities and</p>	<ul style="list-style-type: none"> An activity for establishing a relationship between circumference and diameter, representing their ratio as π. Dividing a circular region into small sectors and arranging them in the form of Play with numbers game, Picture / card game. 	<p>Estimates the area of shapes like trapezium and other polygon by using square grid/ graph sheet and verifies using formulas.</p> <p>Finds the area and perimeter of polygon</p> <ul style="list-style-type: none"> Addition, subtraction and multiplication of algebraic expression. <p>Uses various algebraic identities in solving problem of daily life.</p>
DEC	22	<p><u>CHAPTER - 14</u> <u>FACTORISATION</u></p> <p>Introduction, factors of natural number and algebraic expressions what is factorisation, Factorisation by regrouping terms by identities, Division of algebraic expression</p>	<p>Students will be learn to find the factor & identify different types of manage the number</p>	<p>Uses various algebraic identities in solving problem of daily life.</p> <ul style="list-style-type: none"> Finds factors of algebraic expression. Division of algebraic expression. <p>Find the errors in mathematical statement and correct it.</p>
JAN	20	<p><u>13</u> <u>DIRECT AND INDIRECT PROPORTION</u></p> <p>Direct & Indirect proportion, inverse proportion, application based problems.</p>	<p>Students will be learn spills on land and investigate the relationship between the volume and the area of the spilt to develop an understanding of direct variation in part II they develop the constant volume of water that is transferred to cylinders of different sizes.</p>	<p>Given some example such as the number of hours you work & the amount of your paycheck. The amount of weight on a spring & the distance will spring will stretch. The speed of a car & the distance travelled in a certain amount of time.</p>

FEB	22	REVISION/ SAMPLE PAPER/ FINAL TERM EXAM & QUESTION DISCUSSION		
MARCH	23			

SCIENCE

PHYSICS SPLIT UP SYLLABUS SESSION: 2024-25

CLASS 8

PHYSICS

MONTH	Working Days	Chapter /Topic	Activities/Art integration	Learning outcomes
April	23	FORCE AND PRESSURE <ul style="list-style-type: none"> <input type="checkbox"/> force and its effects <input type="checkbox"/> Types of forces. <input type="checkbox"/> contact and non contact force <input type="checkbox"/> Magnetic, Electrostatic and Gravitational force. FRICITION <ul style="list-style-type: none"> <input type="checkbox"/> Static and Kinetic friction <input type="checkbox"/> Factors affecting friction <input type="checkbox"/> increasing and decreasing friction <input type="checkbox"/> fluid friction 	<ul style="list-style-type: none"> <input type="checkbox"/> Students are asked to apply force to show the effects of force. <input type="checkbox"/> Playing cricket, football, badminton or carom to know the effect of forces. 	<ul style="list-style-type: none"> <input type="checkbox"/> What forces can do? <input type="checkbox"/> force can be applied with or without physical contact
May	15	<ul style="list-style-type: none"> <input type="checkbox"/> Pressure <input type="checkbox"/> Pressure on Solid <input type="checkbox"/> Pressure exerted by liquids. <input type="checkbox"/> Manometer <input type="checkbox"/> factors on which pressure exerted by liquid depends <input type="checkbox"/> Atmospheric pressure 	<ul style="list-style-type: none"> <input type="checkbox"/> Different examples for showing relation $P=F/A$ <input type="checkbox"/> Holes are made at different heights in a bottle filled with water. <input type="checkbox"/> Cutting fruits. with a Sharp knife and a blunt knife. Running on sand with <input type="checkbox"/> shoes having flat sole 	Pressure depends on depth of the liquid

			<input type="checkbox"/> shoes having pointed heels.	
June	18	SOUND <ul style="list-style-type: none"> <input type="checkbox"/> waves <input type="checkbox"/> types of waves Longitudinal and transverse wave <input type="checkbox"/> How sound is produced? <input type="checkbox"/> sound needs medium to propagate. Electric bell experiment. <input type="checkbox"/> characteristics of sound Loudness, pitch and quality <input type="checkbox"/> Music and noise <input type="checkbox"/> Noise pollution <input type="checkbox"/> reflection of sound-echo and its applications (echocardiography/ ultrasonography) & reverberation 	<input type="checkbox"/> Different examples to show vibration in mediums. <input type="checkbox"/> Play different musical instruments	Sound needs medium to travel. Audible and inaudible sound. Nature of different sounds
July	25	ELECTRICITY AND LIGHTENING <ul style="list-style-type: none"> <input type="checkbox"/> electric charge <input type="checkbox"/> types of charges and their interaction <input type="checkbox"/> charging by rubbing, conduction and induction. <input type="checkbox"/> Detection and measuring charge- Electroscope. <input type="checkbox"/> flow of charge, sparks and lightening 	<input type="checkbox"/> Demonstration of gold leaf spectroscope <input type="checkbox"/> Producing charges in wool, silk and glass BY RUBBING. <input type="checkbox"/> collect photographs of lightening conductors installed at the top of different buildings.	Charges and their properties. Importance of earthing.
August	23	Revision for Term 1		
September	23	TERM 1 EXAMINATION		
October	19	EARTHQUAKE <ul style="list-style-type: none"> <input type="checkbox"/> how earthquake occurs <input type="checkbox"/> Seismic focus Epicentre <input type="checkbox"/> measuring earthquake <input type="checkbox"/> impact of earthquake <input type="checkbox"/> Tsunamis <input type="checkbox"/> protection from earthquake 	<input type="checkbox"/> To create tsunami in a small bathing tub <input type="checkbox"/> Making models to show situations before and after earthquake.	Damages due to earthquake. Protection from earthquake.

November	20	<p>LIGHT</p> <ul style="list-style-type: none"> <input type="checkbox"/> laws of reflection <input type="checkbox"/> regular and diffused reflection <input type="checkbox"/> Image formed by plane mirror <input type="checkbox"/> Multiple reflection <p>Number of images formed due to inclined mirrors</p> <ul style="list-style-type: none"> <input type="checkbox"/> kaleidoscope <input type="checkbox"/> Refraction <input type="checkbox"/> dispersion <input type="checkbox"/> human eye <input type="checkbox"/> Defect of eye- Myopia, Hypermetropia, Cataract, Night blindness. <input type="checkbox"/> Braille system 	<ul style="list-style-type: none"> <input type="checkbox"/> To make kaleidoscope by using plane mirrors. <input type="checkbox"/> To draw and colour spectrum of white light through prism. <input type="checkbox"/> draw a colourful rainbow. 	Nature of images formed by mirrors
December	22	<p>STARS AND SOLAR SYSTEM</p> <ul style="list-style-type: none"> <input type="checkbox"/> the moon <input type="checkbox"/> planets <input type="checkbox"/> dwarf planets <input type="checkbox"/> stars <input type="checkbox"/> constellations <input type="checkbox"/> galaxy <input type="checkbox"/> the solar system <input type="checkbox"/> meteors, meteorites, asteroids, comets 	<ul style="list-style-type: none"> <input type="checkbox"/> models on different phases of moon <input type="checkbox"/> models on solar system <input type="checkbox"/> Play to show the different heavenly bodies in solar system. 	About stars, planets, satellites and other heavenly bodies
January	20	REVISION		
February	22	REVISION		
March	23	ANNUAL EXAMINATION		

V.V.P.S

CHEMISTRY

Book: Basic Science

MONTH	NO. OF WORKING DAYS	TOPIC	ACTIVITIES/ ART INTEGRATION	LEARNING OUTCOMES
April	23	<p>Synthetic Material:</p> <p>Synthetic Fibres : Rayons, Polyesters, Polyamides(nylons), Acrylics, advantages and disadvantages of synthetic fibres</p>	Collect and paste any three types of fabrics made up of synthetic fibres on a chart paper. Also write their properties.	Understand advantages and disadvantages of synthetic fibres

May	15	Synthetic Materials: Plastics, Rubbers, Adhesives and lubricants, Raw materials for synthetic polymers, Tensile strength, thermal and electrical conductivity.	Do an activity to know the tensile strength of different fibres. We will tie different threads of different fibres in a hook and observe how much weight is required to break the threads.	Knowledge of <input type="checkbox"/> Synthetic fibre <input type="checkbox"/> Plastic <input type="checkbox"/> Rubber <input type="checkbox"/> Adhesive and lubricants.
June	18	Metals and Non Metals: Physical properties of metals: metallic clink, malleable, ductile, good conductor, Chemical behavior of metals, displacement of one metal by the other, uses of metals	Activity to show physical properties of metals. We will take a iron nail, a piece of coal and piece of thick aluminium wire. Now beat each piece and see which one changes it's shape and breaks into pieces.	Knowledge of <input type="checkbox"/> Physical and chemical properties of metals. <input type="checkbox"/> Uses of metals.
July	25	Metals and Non metals: Displacement of hydrogen from water, displacement of hydrogen from acids, Reactions with bases, chemical behavior of non metals, displacement of one non metal by other from salt solution, uses of non metals.	Activity to show physical properties of non metals. We will take a iron nail, a piece of coal and plastic. We will heat them and observe which one is good conductor of heat.	Knowledge of <input type="checkbox"/> Physical and chemical properties of non metals. <input type="checkbox"/> Uses of non metals.
August	23	Revision	Revision for half yearly test.	
September	23	Half yearly exam	Discussion on half yearly Exam Question paper.	The Students will able to understand their mistakes done in the paper and will improve their knowledge.
October	19	Combustion and fuel: Thermal energy, supporter of combustion, ignition temperature	Perform an activity to show how oxygen supports combustion. Draw the diagram of Fractional distillation of petroleum.	Knowledge of <input type="checkbox"/> Combustion. <input type="checkbox"/> supporter of combustion. <input type="checkbox"/> ignition temperature.
November	20	Combustion and fuel: Calorific value of fuel, Types of fuel: biogas, coal, petroleum and natural gas.	We will fill a paper cup with water and place it in a flame. We will observe that the water will become hot but the paper cup is not burning.	Knowledge of <input type="checkbox"/> Calorific value of a fuel. <input type="checkbox"/> Types of fuels. <input type="checkbox"/> Features of good fuels.
December	22	Combustion and fuel: Good fuel, the candle flame.	Light a candle and show them the different regions of flames and their colours. Draw the picture of a flame.	Knowledge of <input type="checkbox"/> Different regions of flame. <input type="checkbox"/> Release of carbon dioxide when candle is burnt.
January	20	Revision		
February	22	Revision	Revision Test	
March	23	Annual exam		

BIOLOGY

PRESCRIBED TEXT BOOK – BASIC SCIENCE (part-8)

Publication- Bharati Bhawan

MONTH	No.of Working Days	TOPIC	ACTIVITY/N.E.S.	LEARNING OUTCOME
APRIL	23	Ch.1 FOOD PRODUCTION	<ul style="list-style-type: none"> *Collect different types of seeds and put them in small bags label them. *Germination of seeds, such as chick pea, Mung etc. [*Experiment *Pictorial Activity] 	Plants are the root of our existence.
MAY	15	Ch.2 THE CELL	<p>Use of microscope, Observation of different types of cell.</p> <p>Draw/Paste 10 pictures of monocotyledonous plants and dicotyledonous plants.</p> <p>Also write their name. [*Experiment]</p>	Understanding of structural differences in different parts of both types of plants.
JUNE	18	Ch.2 THE CELL	Topic to be continued.	
JULY	25	Ch.3 MICROORGANISMS	<p>Make a project report on COVID-19 disease showing their origin, spread and impact on our life.</p> <p>Showing Fermentation of dough.</p> <p>Collage making for different microorganisms [*Collage making</p> <p>*Experiment</p> <p>* Pictorial Activity</p> <p>*Poster Making]</p>	Understanding to face current pandemic situations.
AUGUST	23	Ch.4 REPODUCTION	<p>*Class debate on topic “Gender bias is decreasing in India.”</p> <p>*Discussion on how sex of the child is determined, safe sex, Reproductive health. [*Creative Movement</p> <p>*Discussion]</p>	Gender equality is a human fight, not a female fight.
SEPTEMBER	23	REVISION AND HALF YEARLY EXAM Ch.15 NATURAL RESOURCES	Term -1 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.
OCTOBER	19	Ch.15 NATURAL RESOURCES	<p>Find out about the advantages and disadvantages of the alternative sources of energy.</p> <p>Recycling of paper.</p> <p>Case study and discussion. [*Discussion</p> <p>* Pictorial Activity]</p>	A nation that can't control its energy sources can't control its future.
NOVEMBER	20	Ch.16 POLLUTION OF AIR AND WATER	Prepare a brief speech on global warming and deliver the speech in your class.	Only by planting trees, we will be able to

			Case study and discussion. On water issue. [*Creative Movement *Discussion *Experiment]	overcome global warming.
DECEMBER	22	Ch.17 CONSERVATION	Make a project file about the biosphere reserves under the UNESCO program. [*Drawing *Discussion * Pictorial Activity]	Observing nature deeply, we can understand their interdependence.
JANUARY	20	Ch. 17 CONSERVATION	Topic to be continued.	
FEBRUARY	22		Revision for annual exam	Revision test
MARCH	23		Annual exam	Open day

SOCIAL STUDIES

SOCIAL STUDIES – VIII

Prescribed Books-

1. SOCIAL STUDIES – learnwell sma 2. MAPS AND DIAGRAMS - PERIWINKLE HISTORY

HISTORY					
MONTH	W.D	TOPIC/CHAPTER	ACTIVITIES	MAP	LEARNING OUTCOMES
APRIL	23	CH.1 When where and how <ul style="list-style-type: none"> • Development in modern period • Major events of the world history • Spread of Nationalism • Source of Modern period CH.2 The Establishment of Company's power Mercantilism and Trade wars Trading companies in India Struggle for territory wars with Indian rulers	<ul style="list-style-type: none"> • Activity on collaboration and information literacy <p>*Find out the spices being traded by the Indian traders in the modern period . Make a sample of all of them</p>	On a political map of India , mark the British territory in India in 1856	Life skills on innovative and self direction To know about stone age and its importance
MAY	15	Ch.3. Administration under the British <ul style="list-style-type: none"> • The Dual System of Government • Administrative Reforms under the Company • The Civil Administration under the Company • Timeline 	Prepare a presentation on the pitt's India Act and the Charter Acts of 1793, 1813, 1833 and 1853 introduced by the British		To know about the human evolution

JUNE	18	<p>CH.4. Rural life and Society</p> <ul style="list-style-type: none"> • Colonial Agrarian Policies • Impact of the Land Revenue Policies on Rural Economy • Peasant Revolts • Timeline 	<p>Group discussion on the topic “Indigo rebellion was a result of the British East India companies illegal and corrupt practices”.</p>	<p>On political map of India, mark the places where three different type of land revenue policies were implemented by the British East India company.</p>	To learn about the rural life and Society
JULY	25	<p>CH.5. Tribal Society and Colonialism</p> <ul style="list-style-type: none"> • Tribals • Effects of Colonial Rule on Tribal • Role of Birsa Munda • Timeline <p>CH.6 Craft and Industries</p> <ul style="list-style-type: none"> *Indian handicraft and its decline *Growth of new industry in India *Changing attitude of the British 	<p>Visit to any tribal region and make a project report by studying the local lifestyle of that Tribe.</p>	<p>On a political map of India Mark any five tribal communities of India.</p>	To know about tribal life and Society
AUGUST	23	<p>CH.7 revolt of 1857</p> <ul style="list-style-type: none"> * Main centres and leaders of the Revolts *Nature of the Revolts 	<p>Prepare a brief report on the events and effect related to the revolt of 1857.</p>	<p>On an outline map of India locate and label the major centre of the revolt of 1857.</p>	The revolt of 1857 inspired the people to unite politically .As a result , India gain independent after 90 years of struggle the Britishers.
SEPTEMBER	23	REVISION AND HALF YEARLY EXAM			
OCTOBER	19	<ul style="list-style-type: none"> • CH.8 Education and British rule • Beginning of New Education System • Agenda for National Education Policy • Impact of Modern Education • Changes in the Indigenous Education System <p>CH.9 Women and Reforms</p> <ul style="list-style-type: none"> • Social Evils Prevalent in the Society • Women Writers in India 	<p>Group discussion in class on the topic why did the British want to introduce educational reform in India.</p>		What values force Mahatma Gandhi and Rabindranath Tagore to react in the favour of education policy of the British.

		<ul style="list-style-type: none"> Impact of the Reform Movements Timeline 			
NOVEMBER	20	<p>CH.10. Challenging the Caste system</p> <ul style="list-style-type: none"> Reformers of Caste System Consequences and Implications of the Activities of the Reformers Influences of Western Culture and Education Timeline <p>CH.11. Colonialism and Urban Change</p> <ul style="list-style-type: none"> De-urbanisation Growth of New Towns <p>Implications of Colonial Policies and Institutions</p>	<p>Make a poem on King Ashoka</p> <p>Design the process by which you would like shreni or guild to work. (Art integrated activity)</p>	<p>On an outline map of Indian Subcontinent, show the extent of the Mauryan Empire. Shade the parts captured by Chandragupta Maurya, Bindusara and Ashoka in different colors.</p>	To know about the life of Ashoka.
DECEMBER	22	<p>CH.12. Change in the Art and Architecture</p> <ul style="list-style-type: none"> Developments in Literature, Press and Art Changes in the Performing Art Colonial Architecture Timeline <p>CH.13. The Nationalist Movement 1</p> <ul style="list-style-type: none"> Rise of National Consciousness Making of a Nation Partition of Bengal (1905) Swadeshi and Boycott Movements Morley-Minto Reforms Formation of Muslim League 	<p>Make a lists of at least five goods that India imports and exports.</p> <p>Assume the role of a biographer of Xuan Zang and document his life.(art integrated activity)</p>	<p>On an outline map of Asia, mark the silk Route.</p> <p>On the map of Indian Subcontinent , mark the extend of the Gupta Empire under Samundragupta II</p>	<p>To understand the role of India in influencing the culture of other regions.</p> <p>To understand the Gupta period</p>
JANUARY	20	CH.15. India after Independence	<p>Write a short biography on any one Scientist from ancient India (art integrated activity)</p>		To learn about art, architecture and science of ancient India.

		<ul style="list-style-type: none"> • The South Asian Association for Regional Cooperation (SAARC) 			
FEBRUARY	22	Revision			
MARCH	23	Annual Examination			

GEOGRAPHY

MONTH	W.D	TOPIC/CHAPTER	ACTIVITIES /N.E.P	MAP/diagram	LEARNING OUTCOMES
APRIL	23	Ch- 1 Resources 2. Land and Soil Resources	1. Group discussion on the topic 'Overuse of Resources and Sustainable Development ' 2. Collect the waste things in your home, segregate and make best out of waste products using eco-friendly methods	Make flash cards of different resources.	1.Communication skill 2.Creativity and Innovation 3.Art Integration
MAY	15	Ch – 2- Continued	Group discussion on the topic 'Landslides are very common in mountains these days'.	Make a poster to depict factors affecting soil formations.	1.Art Integration 2.Communication
JUNE	18	Ch-3 Water Resources	Draw pictures of various measures of water conservation and display in the class	Work in groups and make presentations on various marine creatures	1.Art Integration 2.Collaboration
JULY	25	Ch -4 Natural Vegetation and Wildlife Ch-5 Mineral and Power Resources	Ch-4- Make a chart to show the steps taken by the government to conserve the wild life. Ch-5-Try to save electricity by adopting various methods of energy conservation and see the difference in your life style.		2.Responsible Consumption and Production 3..Initiative and self - direction 1.Art Integration
AUGUST	23	Revision			
SEPTEMBER	23	REVISION HALF YEARLY EXAMINATION			
OCTOBER	19	Ch -6 Agriculture Ch-7 Industries	Make a flow chart depicting agricultural process. Draw pictures to support the flow chart	On a outline map of India, mark the major industrial regions of India	Experiential Learning and data based questions

NOVEMBER	20	ch- 7 Continued Ch-8 Human Resources	Hold a group discussion in the class on population explosion		Communication
DECEMBER	22	Ch.8 Continued Ch-5 Recap	Prepare a survey sheet by visiting the maximum houses in your locality.		Experiential Learning
JANUARY	20	Ch-6 Recap Ch-7 Recap Ch-8 Recap		Mark the states having highest and lowest density of population on a political map of India	Data based questions
FEBRUARY	22	Revision			
MARCH	23	Annual Examination			

CIVICS					
MONTH	W.D		ACTIVITIES /N.E.P	LEARNING OUTCOMES	
APRIL	23	1. The Need for Laws and the Constitution	Write the national anthem of India on a chart paper	To learn about the diversity of India	
MAY	15	Ch.2 Ideals of Secularism	Write the preamble to the constitution of India on a A4 sheet	Understand the importance of diversity and equality	
JUNE	18	Ch.3 Parliamentry Government	List down the various form of the government all over the world.	To know about universal adult suffrage.	
JULY	25	Ch.4 The judiciary	A drama on conflict resolution	Student will know about the essence of democracy	
AUGUST	23	revision			
SEPTEMBER	23	REVISION HALF YEARLY EXAMINATION			
OCTOBER	19	Ch.5 The police and the courts	Visit a village to ensure that every children in the village attends school	Understand the importance of students in panchayat	
NOVEMBER	20	Ch.6 Social justice and the marginalised	Find out the name of the ward councillor of your area.	To know about urban administration and its importance	

DECEMBER	22	Ch.7 Government and the economic Development	find out different goods and services that are present in rural areas.	Student will know about rural administrative system.
JANUARY	20	Revision	Discuss the problems that are faced by the landless labors in the rural areas.	Student will know about different type of occupation in rural and urban areas.
FEBRUARY	22	Revision		
MARCH	23	Annual Examination		

COMPUTER

Text Book-COMPUTER DOT COM 5

Sl. No	Month	No. of Working days	Topic	Activities	Learning Outcomes
1	April	23	Chapter-1 (Networking)	Prepare a chart to show network topologies.	Learn about terminologies, Architecture and network security.
2	May	15	Chapter-2 (Introduction to Access)	Create a table displaying the names of all the states of India, their capitals, population and languages spoken.	To create database using Access and will also learn about primary Keys.
3	June	18	Chapter-3 (Working with Queries, Forms and Reports)	Prepare a report using all the four views used in Access.	To create forms, reports, query and establish relationship among the tables.
4	July	25	Chapter-4 (Adobe Photoshop CS6.)	Create a presentation to demonstrate various features and usage of photoshop.	Learn to create a new file in adobe and will also know about its components.
5	August	23	Chapter-5 (More on Photoshop CS6)		Learn about different tools used

					to draw and add text in the image.
6	September	23	Revision Work	Half yearly Examination	
7	October	19	Chapter-6 (Visual studio community 2017)	Create a presentation on various components of Visual Basic2017.	Learn about different components and how to create a new project in Visual Basic.
8	November	20	Chapter-7 (More on Visual studio 2017)	Collect source input forms for various commercial applications and design input screen.	Learn how to use radio buttons,check box and combo box in the form.
9	December	22	Chapter-8 (Microsoft Excel 2016) Chapter-9 (Images ,links and Frames in HTML5)	Preparing a Budget of birthday party in Excel.	Learn how to manipulate data entered in a sheet and use auto-fill features.
10	January	20	Chapter-10 (Internet Apps)	List computer etiquettes.	Learn how to use nested list in a web page.
11	February	22	Revision Work		
12	March	23	Annual Examination		

GENERAL KNOWLEDGE

TEXT BOOKS: Explore Your Knowledge

MONTH	W. D	TOPIC/CHAPTERS	ACTIVITIES	Learning Outcomes
APRIL	23	CH-1 Endangered Species (Birds) CH-2 Endangered Species (Animals) CH- 3 Ancient Architecture CH-4 Masterpieces of Modern World CH-5 Ancient Civilisations CH-6 Some Amazing Animals	Chart Preparation on amazing animals, Collect and paste the pictures of any five Endangered Species Quiz on Ancient Architecture { Art Integrated Activity}	Learning about Endangered Species (Birds] and Endangered Species (Animals) , Ancient Architecture
MAY	15	CH-7 Different Types of Plants CH- 8 Some Leaders of The 20 th Century CH- 9 QUIZ: 21 st Century CH- 10 The Olympics -2016 CH- 11 World's Fearful Events	Inter-House Quiz	To know about different Types of Plants, Some Leaders of The 20th Century, Test of Intelligence
JUNE	18	CH- 12 Seven Wonders of the World CH-13 Sobriquets CH-14 Largest in India CH-15 India's Rich Heritage CH-16 Some Courageous Persons	Collect and paste the pictures of Seven wonders of the world { Art integrated Activity}	Learning about Seven Wonders of the World, India's Rich Heritage
JULY	25	CH- 17 Some Religious and Sects of the World CH-18 Some Immortal Quotes of Great Men CH-19 Scientific Inventions CH-20 Sea Giants CH-21 Hinduism and Buddhism CH-22 Famous Forts of India	Poster Making on famous forts of India	To know about Some Religious and Sects of the World
AUGUEST	23	CH- 23 Recognise Me CH- 24 Young India CH- 25 Work it Out CH-26 Famous Lives, Horrible End CH-27 Some Famous Inspirators CH-28 Scientific Instruments	Draw the pictures of Scientific Instruments { Art Integrated Activity} Quiz	The Students will able to understand the Scientific Instruments and its importance Test of Knowledge
SEPTEMBER	23	CH- 29 Freedom Struggle of India CH- 30 Famous Struggle of India Half Yearly Exam	Collect and paste the pictures of Freedom Fighters Of India on a chart { Art Integrated Activity}	To know about Freedom Struggle of India, Famous Struggle of India
OCTOBER	19	CH-31 Indian Renaissance CH-32 Not -So- Nice Characters CH-33 The Magsaysay Awards	Extempore	The students will able to understand Indian Renaissance
NOVEMBER	20	CH- 34 Dances of the World CH- 35 Martial Arts CH- 36 Human Body : A Living Machine	Make a clay model of human body { Art integrated Activity}	Learning about Famous Dances of the World
DECEMBER	22	CH- 37 Some Famous Authors CH- 38 The Revolt of 1857 CH-39 World's Fastest Bikes	Role play on freedom fighters of Revolt of	Learn about the importance of The Revolt of 1857

		CH- 40 Women of Spirit CH-41 The Indian Navy	1857 [Art integrated Activity}	
JANUARY	20	CH-42 Some Active Volcanoes CH- 43 Major Ports of India CH-45 Some Foreign Phrases CH- 46 Some Medical Scientists	Make a poster related to the Medical Scientists { Art integrated Activity}	To know about Major Ports of India, Some active Volcanoes
FEBRURAY	22	CH- 47 Some Geniuses of the World CH- 48 21 st Century India CH-49 Goodbye to the Departed Souls REVISION	Drawing and Preamble Writing Revision	To know about 21 st Century India
MARCH	23	REVISION ANNUAL EXAMINATION	Revision	Revision

VALUE EDUCATION

MONTH	WD	TOPIC	ACTIVITIES	LEARNING OUTCOME
April	23	Session -1 The Introduction	A. V Class	Emphasis on developing the universal possibilities
May	15	Session -2 Developing Aashaadha Part 1 and 2	Exploration through snapshots	Strengthening of Atmashradha
June	18	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	25	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	23	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	23	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	19	Session – 10 Seeking Perfection Part 1 and 2 Session -11 Seeking Perfection Part 3 and 4	Assignment Making through systematic approach	Seeking perfection in the products we make and in any process or method we follow
November	20	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	22	Session -14 Being a Truth-seeker Part 1 and 2	Seeking Truth using Scientific mode of thinking	Importance of truth -seeking approach
January	20	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	22	Revision		
March	23	Revision		

