

**DAV POLICE PUBLIC SCHOOL JHAJJAR**  
**SYLLABUS**  
**CLASS-VIII**

S.N.	SUBJECT	MONTH	CHAPTER NAME	TOPIC COVERED
1	Computer	April	1. Let us Explore- Computer network	Computer Network, Define Network, Need of Communication, Devices Required for networking, Wired network Technology, Wireless network technology, Internet
2		May	2. HTML-1(Introduction)	Website designing, Importance of web browser, Use of text editors, Tags and their types, Need of attributes
3.		June	Summer Vacations	
4.		July	3. List and Tables in HTML  4. HTML-III	Lists and its types, Ordered and Unordered list, Concept of nested list, Need of Tables , Learn to Insert rows,Headers, Data in tables, learn to Insert rows, Data in tables, Formatting the tables  Need of images in web pages <Img> tag, Attributes of <Img> tag
5.		August	5. Identifying Networked Resources and Computers	Linking in HTML, Types of Linking, Create hyper linking, inserting Audio and Video files, Concept of Domain name and URL, Networking protocols, Difference between MAC and IP address
6.		September	6. Problem Solving	Concept of Algorithm , Program ,Translating real problems into programs, Communicating Ideas, Identifying and define flowcharts, Types of boxes, Need of language to communicate, High level language, Assembler, Interpreter and Compilers
7.		October	7. Programming with QBASIC	Advantages of QBASIC, Character Set, Constants, variables, Operators, IDE, REM, PRINT, LET, INPUT,END,IF-THEN, IF-THEN-Else, Loops, Selection statement
8.		November	8. Looping in Q-Basic and Project handling	Need of loops, Programs involving loops, Project Management life cycle, Making of Project, Virus ,worms, Disk formatting, defragmentation, process of installing Anti-virus on system
9.		December	9. The cyber world, cyber crime and the law	Cyber crime, Cyber bullying, Effects of cyber bullying, Prevention from cyber bullying, Cyber law, Hacker, Cracker, case Studies., Use of network suggestions
10.		January	Revision	
11.		February	Revision	
12.		March	Revision	

1	<b>Social Science</b>	April	1.Resources: Utilisation and Development	Resources, Utilisation of Resources, Classification of Resources, Sustainable Development and Conservation
			8. The Modern Period	Sources of Information,
			16. Our Constitution	Rules and Laws, The Constitution, Need Of Constitution, Vision and Values of Indian Constitution, Basic Features of Our Constitution, Procedures of Amendment of Indian Constitution
			17. Fundamental Rights, Fundamental Duties and Directive Principles of State Policy	Fundamental Rights, Restrictions on Fundamental Rights, Fundamental Duties , Directive Principles of State Policy, Significance of Directive Principles of State Policy, Indian Secularism
			18. The Union Government: The Legislature	Government at Different Levels, The Union Legislature, LokSabha, RajyaSabha, Powers and Functions Of Union Parliament
2		May	19.The Union Government: The Executive	The President, Election of the President, Impeachment, Succession to Presidency, Emoluments and Immunities, Powers and Functions of The President, The Vice President Of India, Union Council of Ministers, Functions of the Council Of Ministers, Functions of the Prime Minister
			20. The Union Government: The Judiciary	Independence of Judiciary, Types of Cases, Single Unified and Integrated Judicial System, Supreme Court of India, Powers and Functions of Supreme Court, High Court, Powers and Functions of High Court, Lower Courts, Public Interest Litigation
			21. Social Justice and the Marginalised	Scheduled Castes and Scheduled Tribes, Reservation, Other Backward Classes, Minority Groups
3		June	Summer Vacations	
4		July	22. Safeguarding the Marginalised	Constitutional Provisions, Protecting the Rights of Marginalised, Programmes Launched by the Government for the Upliftment of the Weaker Sections, People's Aspirations and Our National Goals
			2. Natural Resources: Land ,Soil and Water	Land Resources, Land Use, Soil Resources, Soil conservation, Water Resources, Pollution of Water, Water Conservation Methods
5		August	3. Natural Resources: Vegetation and Wildlife	Natural Vegetation, Classification of Forests, Advantages of Forests, Wildlife
			4. Minerals and Energy Resources	Mineral Resources, Types Of Minerals, Distribution of Minerals, Distribution of

				Minerals in India, Conservation of Minerals, Energy Resources, Conventional Sources of Energy, Non- Conventional Sources of Energy, Conservation of Energy Resources
			5. Agriculture	Importance of Agriculture, Factors affecting Agriculture, Types of Agriculture, Major crops, Agricultural Development
6		September	6. Manufacturing Industries	Importance of Manufacturing Industries, Classification of Industries, Factors Influencing Location of an Industry, Some Major Industries of the World
			7. Human Resources	Distribution of Population, India: Land Man Ratio, Factors affecting Distribution of Population, Growth of Population, Composition of Human Resources
7		October	9.Establishment of Company rule in India	Trading Companies, East India Company, The Carnatic Wars, Conquest Of Bengal, Dual Government in Bengal, Anglo-Mysore Wars, Anglo-Maratha Wars, Anglo-Sikh Wars
			10.Colonialism: Rural an Tribal Societies	Colonial Agrarian Policy and its Impacts, Growth of Commercial Crops, Conditions of Farmers, Revolts by Farmers, Colonialism and Tribal Societies, Tribal Revolts, Effects of Colonialism on Crafts and Industries, Modern Industries in India
			11.The First War Of Independence-1857	Causes of Revolt, Course of the Revolt, Suppression of the Revolt, Causes of the Failure of the Revolt, Result of the Revolt
			12.Impact of British Rule On India	Education under the British, Social Impact, Socio-Religious Reforms, Impact of the Reforms Movements
8		November	13.Colonialism and Urban Change	Urbanisation of Calcutta, Delhi, Railways Under the British, British Impact on Indian Painting, Literature and Architecture
			14.The Nationalist Movement(1870 to 1947)	Formation of Indian National Congress, Partition of Bengal, Formation of Muslim League, Morley-Minto Reforms(1909), Home Rule League, Lucknow Pact of 1916, Arrival of Mahatma Gandhi on the Indian Political Scene, Government of India Act 1919, Rowlatt Act of 1919, JallianwalaBagh Massacre, The Non-Cooperation Movement(1920-22), Simon Commission(1927), Lahore Session(1929), Civil Disobedience Movement(1930-34), Revolutionary Movements for India's Independence, Government of India Act,1935, Quit India Movement(1942), Subhash Chandra Bose, Towards Independence
			15.India Marches Ahead	The Indian Independence Act,1947, Indian Constitution, India-On the Path of

				Progress, Indian Democracy, India's Foreign Relations, Indian Society, Challenges to Indian Democracy ,India's Vision
9		December	Revision	
10		January	Revision	
11		February	Revision	
12		March	Revision	
1	<b>संस्कृत</b>	अप्रैल	सुवचनानि - व्याकरण उपसर्ग अव्यय	श्लोक वाचन, अन्वय, व्याख्या ,शब्दार्थ
2		मई	वसुधैव कुटुंबकम् व्याकरण-क्त्वा,ल्यप्, प्रत्यय	पाठ पढ़ाना शब्दार्थ सुनना हिंदी पढ़ाना प्रश्न उत्तर प्रत्यय के उदाहरण पूछना
		मई	अहम् नदी अस्मि व्याकरण- कर्तृ, कर्म, करण कारक	कारक रचना अनुवाद करवाना हिंदी करवाना शब्दार्थ सुनना
3		जून	गर्मी की छुट्टी	
4		जुलाई	क्षमस्व महर्षे। व्याकरण-- धातु रूप ,शतृ प्रत्यय	पाठ पढ़ाना शब्दार्थ सुनना दादू सुनना प्रत्यय के नियम बताना
5		अगस्त	दिव्या गीर्वाण भारती व्याकरण- संख्या, शब्द रूप	ग्रंथों के बारे में पूछना, प्रश्न निर्माण, शब्दार्थ, प्रश्न उत्तर
6		सितंबर	मधुराणि वचनानि। व्याकरण -गुण संधि, दीर्घ संधि ,पत्र ,चित्र वर्णन ,अपठित गद्यांश	संधि समझाना, पत्र लिखवाना, वाक्य बनवाना
7		अक्टूबर	सफलम् तस्य जीवितम् व्याकरण- यण संधि वृद्धि संधि	भावार्थ ,व्याख्या ,श्लोक वचन ,संधि समझाना
		अक्टूबर	क्रोधेन कार्यम् न सिध्यति व्याकरण-क्तवतु प्रत्यय	पाठ पढ़ाना, हिंदी सुनना ,शब्दार्थ सुनना, प्रश्न निर्माण
8		नवंबर	अविश्वस्तेन न विश्वसेत व्याकरण-- अव्ययपदानि तुमुन् प्रत्यय	संवाद करवाना ,पाठ पढ़ाना, प्रत्यय के नियम बताना
		नवंबर	गणाः पूजास्थानम् व्याकरण-- संख्या, पत्र	गिनती व पत्र लिखवाना, शब्दार्थ सुनना हिंदी पढ़ाना, प्रश्न उत्तर करवाना ,प्रश्न निर्माण करवाना
9		दिसंबर	हितम् मनोहारी च दुर्लभम् वचः व्याकरण-- चित्र वर्णनम्, धातु रूप प्रयोग	चित्र देखकर वाक्य बनाना, धातु याद करवाना ,पाठ पढ़ाना ,अभ्यास करवाना
		दिसंबर	स्वाध्यायात् मा प्रमदः व्याकरण-- कारक अनुवाद, चित्र वर्णन, पत्र,अपठित गद्यांश	पाठ पढ़ाना, हिंदी करवाना, शब्दार्थ सुनना, प्रश्न उत्तर करवाना ,प्रश्न निर्माण करवाना, अनुवाद करवाना ,पत्रलिखवाना ,गद्यांश करवाना
10		जनवरी	रिवीजन	
11		फरवरी	रिवीजन	
12		मार्च	फाइनल एग्जाम	

1.	<b>Math</b>	April	1.Square and Square Roots  2. Cubes and Cube Roots	<ul style="list-style-type: none"> <li>• Square of a number</li> <li>• triangular numbers and numbers between two consecutive square numbers</li> <li>• finding square root of a number by the repeated subtraction method,</li> <li>• Finding square roots of perfect squares by factorization.</li> <li>• Using division method, finding square roots of– (i) Positive integers which are perfect squares. (ii) Decimals which are perfect squares.</li> <li>• Finding square roots of numbers which are not perfect squares by the division method up to three decimal places.</li> <li>• Problems based on square roots (simple problems only). Square roots of other Numbers (not perfect squares) by estimation.</li> </ul> <p>✓</p> <ul style="list-style-type: none"> <li>• Cube of a number, Cube roots of perfect cubes by factorization</li> <li>• Cube Root of a Number through Estimation.</li> </ul>
2.		May	3.Exponents and Radicals	<ul style="list-style-type: none"> <li>• Idea of rational exponents</li> <li>• Laws of exponents including rational numbers as exponents</li> <li>• Idea of radicals and radicand</li> </ul>
3.		June	Summer Vacations	•
4.		July	4.Direct and Inverse Variations  5.Profit and Loss and Discount	<ul style="list-style-type: none"> <li>• Direct variation and Inverse variation with examples.</li> <li>• Problems on Time and Work Time and Distance.</li> </ul> <p>✓</p> <ul style="list-style-type: none"> <li>• Problems on profit and loss including discount</li> <li>• Marked price, selling price</li> <li>• G.S.T.(Goods and Services Tax)</li> </ul>
5.		August	6.Compound Interest	<ul style="list-style-type: none"> <li>• Meaning of Compound Interest.</li> <li>• Calculation of amount and compound interest by unitary method.</li> <li>• Calculation of amount and compound interest by formula up to three years.</li> <li>• Interest compounded annually, half yearly or quarterly up to three</li> </ul>

			7.Algebraic Identities	<p>Conversion Periods, Growth and Depreciation.</p> <p>✓</p> <ul style="list-style-type: none"> <li>• Study of the following identities :  <math>(a + b)^2 = a^2 + 2ab + b^2</math>  <math>(a - b)^2 = a^2 - 2ab + b^2</math>  <math>(a + b) (a - b) = a^2 - b^2</math></li> <li>• Expansion of the square of a trinomial  <math>(a + b + c)^2 = a^2 + b^2 + c^2 + 2ab + 2bc + 2ca</math></li> <li>• Product of two binomials :  <math>(x + a) (x + b) = x^2 + (a + b) x + ab</math></li> <li>• Factorisation of Algebraic Expressions based on above identities.</li> </ul>
6.		September	8.Polynomials	<ul style="list-style-type: none"> <li>• Idea of a polynomial in one variable and its terms, coefficients and degree after converting it to standard form</li> <li>• Division of a monomial by a monomial.</li> <li>• Division of a polynomial in one variable by a monomial or binomial. (Restricted to polynomials in one variable of degree '4').</li> <li>• Division of a polynomial by a linear polynomial by factor method.</li> <li>• Verification of Dividend = Divisor × Quotient + Remainder.</li> <li>• Concept of factors of a polynomial when the remainder is zero.</li> </ul>
7.		October	9.Linear Equations in One Variable  10.Parallel Lines	<ul style="list-style-type: none"> <li>• Solving equations of the type <math>\frac{ax+d}{cx+d} = k</math></li> <li>• Cross Multiplication Method</li> <li>✓</li> <li>• Applications of Linear Equations</li> <li>• Definition, Angles made by a transversal with two parallel lines &amp; their properties.</li> <li>• Verification of the following properties <ul style="list-style-type: none"> <li>➤ Two lines parallel to the same line are parallel to each other.</li> <li>➤ Two lines perpendicular to the same line are parallel to each other.</li> </ul> </li> <li>• Division of a Line Segment : <ul style="list-style-type: none"> <li>➤ To divide a line segment</li> </ul> </li> </ul>

				<p>into a given number of equal segments.</p> <ul style="list-style-type: none"> <li>➤ To divide a line segment in a given ratio internally</li> </ul>
8.		November	<p>11. Understanding Quadrilaterals</p> <p>12. Construction of Quadrilaterals</p> <p>13. Introduction to Graphs</p>	<ul style="list-style-type: none"> <li>• Introduction to curves. Polygons and its types and properties.</li> <li>• Quadrilaterals and its special types (trapezium, parallelogram, rectangle, rhombus &amp; square).</li> <li>• Properties of special type of quadrilaterals.</li> <li>• Verification of the following properties: <ul style="list-style-type: none"> <li>➤ Opposite sides of a parallelogram are equal.</li> <li>➤ Opposite angles of a parallelogram are equal.</li> <li>➤ Diagonals of a parallelogram bisect each other.</li> <li>➤ Diagonals of a rectangle are equal and bisect each other.</li> <li>➤ Diagonals of a rhombus bisect each other at right angles.</li> <li>➤ Diagonals of a square are equal, perpendicular to each other and bisect each other.</li> </ul> </li> <li>✓</li> <li>• Construction of a quadrilateral given– <ul style="list-style-type: none"> <li>➤ Four sides and one diagonal</li> <li>➤ Three sides and both diagonals</li> <li>➤ Two adjacent sides and three angles</li> <li>➤ Three sides and two included angles</li> </ul> </li> <li>✓</li> <li>• Cartesian plane. Plotting a point on the Cartesian plane.</li> <li>• Independent and dependent variables</li> <li>• Drawing of graphs and type of figure.</li> </ul>
9.		December	14. Mensuration	<ul style="list-style-type: none"> <li>• Area of trapezium, general quadrilateral and polygon.</li> <li>• Surface area of cuboid, cube and right circular cylinder.</li> <li>• Volume of cuboid, cube and right</li> </ul>

			15. Statistics & Probability	<ul style="list-style-type: none"> <li>• circular cylinder.</li> <li>• Visualising solid shapes, Polyhedron.</li> <li>• Mapping space around us ✓</li> <li>• Raw data, frequency, making frequency table from the given raw data.</li> <li>• Ungrouped and grouped data. Range, class size, class limits, class marks.</li> <li>• Grouping the given data into classes.</li> <li>• Drawing, reading and interpretation of histogram.</li> <li>• Circle graphs or pie chart and its drawing.</li> <li>• Probability, Chance, Experiment, Outcome, Event, Probability of an event. Simple cases</li> </ul>
			16. Rotational Symmetry	<ul style="list-style-type: none"> <li>✓</li> <li>• Rotational symmetry and its order</li> <li>• Centre of Rotation</li> <li>• Angle of Rotation.</li> <li>• Line symmetry and Rotational Symmetry.</li> <li>• Rotational symmetry should be limited to polygons and regular polygons in case number of sides is more than 4.</li> </ul>
10		January	Revision	
11		February	Revision	
12		March	Revision	
1	<b>G.K.</b>	April	Language & Literature	In the name of god, Terrific two, Word pyramid, Values are invaluable, Work is work ship, Gender guess, Global language, Emotion & Expression, Food for Thought, Tangible talk, Wardrobe Vocabulary, Know your ABC, Praising Poetry, Dramatic Style, Fact file, Test your wisdom
2		May	Environment Around	Heal with herbs, Energy capsule, Chemistry mystery, Treatment technologies, Major Endocrine glands, Spectrum of therapies, Miracles of light, Great scientists, Close encounter with planets, Plant diseases, Hydro puzzle, Important invention, Vital Vitamins, Surrounded by sounds, Fact file, Test your wisdom
3		June	Summer vacation	
4		July	World Around	Fast fingers, River forever, Stamp it out, Facts and dates, Climb every mountain,



				Name game, All at sea, Great Desert, Windy section, Tug of war, The great reformer, Indian revolutionaries, Coinage, Indian polity Fact file, Test your wisdom
5		August	Art & Culture	Festive fun, Art gallery, Fab art, Performing art, Costumes, Pilgrimage in india, Music corner, Dance of your world, Yester years of silver screen, Royal palaces, Road to god, Myths and legends, God of mythology, Museums and art galleries of the world, Facts and file, Test your wisdom
6		September	Math Magic	Delightful dots, Rack your brains, Fun with numbers, Speaking signs, Whats next, Naughty numbers, Activity time, Booster blocks, Brain twisters, Mathematical term, Non verbal reasoning, Know your mathematics, Commercial maths, Blood relationship test, fact file, Test your wisdom
7		October	Sports & Game	Baseball, The zest for judo, Turn the tables, Wrestlo mania, A buddy game kabaddi, The naming game, Bravo boxing, Smashing shots, The test of strength ,An accurate aim, On your mark , get set,go!, Indian Ancient games, Water sports, Fact file, Test your wisdom
8		November	Revision	
9		December	Revision	
10		January	Revision	
11		February	Revision	
12		March	Revision	
1	<b>Science</b>	<b>April</b>	1.The cell- it's structure and functions  2. Microorganisms: friends or foes	1.The cell- it's structure and functions:-Cell as a basic unit of life; prokaryotic and eukaryotic cells, - multicellular organisms; - cell membrane and cell wall, -cell organelles and cell inclusions; chloroplast, mitochondria, vacuoles, endoplasmic reticulum, Golgi apparatus; nucleus, chromosomes - basic structure, number. -Structure of plant cell and animal cell.  2. Microorganisms: friends or foes: -Introduction – Types of microorganisms – Diagram of Paramecium and Euglena – Viruses are unique – Where do microorganisms live? – Role of microorganism in our life – Microorganisms as our friends – Microorganisms – The Foes

			4. Force and pressure	<ul style="list-style-type: none"> <li>– Food poisoning</li> <li>– Food preservation</li> </ul> <p>4. Force and pressure</p> <ul style="list-style-type: none"> <li>-Force</li> <li>– Effects of force</li> <li>– Factors associated with magnitude of force needed</li> <li>– Balanced and unbalanced forces</li> <li>– Types of forces</li> <li>– Contact and non contact forces</li> <li>– Pressure</li> <li>– Applications of the concept of pressure in daily life</li> <li>– Liquid pressure</li> <li>– Properties of liquid pressure</li> <li>– Atmospheric pressure</li> <li>– Variation in air pressure</li> <li>-Importance of atmospheric pressure</li> <li>– Force and pressure : concept map</li> </ul>
2.		<b>May</b>	3. Metals and non metals	<p>3. Metals and non metals:</p> <ul style="list-style-type: none"> <li>-Classification of elements</li> <li>– Occurrence of elements</li> <li>– Minerals and ores</li> <li>– Physical Properties</li> <li>– Chemical Properties</li> <li>– Reaction with oxygen, water, acids and alkalies</li> <li>– Reactivity of metals</li> <li>– Displacement reactions</li> <li>– Noble Metals</li> <li>– Uses of metals and non-metals</li> </ul>
			5. Friction	<p>5. Friction:</p> <ul style="list-style-type: none"> <li>– Concept of friction</li> <li>– Cause of friction</li> <li>– Factors affecting friction</li> <li>– Types of friction–static, sliding &amp; rolling</li> <li>– Friction – A necessity</li> <li>– Friction – An evil or nuisance</li> <li>– Increasing / Reducing friction</li> <li>– Fluid friction</li> </ul>
			6. Sources of energy	<p>6. Sources of energy</p> <ul style="list-style-type: none"> <li>– Classification of sources of energy : On the basis of occurrence, physical state and availability</li> <li>– Fossil Fuels</li> <li>– Wood as a fuel</li> <li>– Coal : occurrence, formation and types</li> <li>– Destructive Distillation and Its Products</li> <li>– Uses of coke, coal-tar and coal gas</li> <li>– Petroleum</li> </ul>

				<ul style="list-style-type: none"> <li>• Occurrence of petroleum</li> <li>• Refining of petroleum</li> <li>• Petroleum products and their uses</li> <li>• Natural gas</li> <li>• Uses of natural gas</li> <li>– Cleaner Fuels</li> </ul>
3.		<b>June</b>	Summer vacation	
4.		<b>July</b>	<p>7. Combustion</p> <p>8. Conservation of plants and animals</p> <p>9. Crop production and it's Management</p>	<p>7. Combustion</p> <ul style="list-style-type: none"> <li>– Combustion &amp; combustible material</li> <li>– Conditions required for combustion</li> <li>– Types of combustion</li> <li>– Fire control</li> <li>– Incomplete combustion</li> <li>– Flame</li> <li>– Fuel and calorific value</li> <li>– Characteristics of a good fuel</li> <li>– Harmful effects of fuels</li> </ul> <p>8. Conservation of plants and animals</p> <ul style="list-style-type: none"> <li>– Domestic consequences of deforestation</li> <li>– Global consequences of deforestation</li> <li>– Conservation of forests and wildlife</li> <li>– Biosphere reserves</li> </ul> <p>(Map of biodiversity hotspots not to be evaluated)</p> <ul style="list-style-type: none"> <li>– National Parks</li> <li>– Wildlife Sanctuaries</li> <li>– Flora and fauna</li> <li>– Endemic species</li> <li>– Red Data Book</li> <li>– Migration</li> <li>– Reforestation</li> <li>– Recycling of paper</li> </ul> <p>9. Crop production and it's Management</p> <ul style="list-style-type: none"> <li>– Food from plants</li> <li>– Agricultural Practices</li> <li>– Preparation of Soil, Sowing, Soil Replenishment, Irrigation, Traditional System of Irrigation, Modern System of Irrigation, Crop Protection, Harvesting, Storage.</li> <li>– Crop Improvement</li> </ul>
5.		<b>August</b>	10. Refraction and dispersion of light	<p>10. Refraction and dispersion of light</p> <ul style="list-style-type: none"> <li>– Refraction of Light</li> <li>– Refraction—its cause</li> <li>– Refractive index, optical density</li> <li>– Rules for refraction</li> <li>– Refraction of light by a glass slab</li> <li>– Dispersion of white light by a glass prism</li> </ul>

			11. The human eye	<ul style="list-style-type: none"> <li>– Rainbow</li> <li>– Spherical lenses</li> <li>– Basic terms related to lenses</li> <li>– Image formation by convex and concave lenses</li> <li>– Application of lenses</li> </ul> <p>11. The human eye</p> <ul style="list-style-type: none"> <li>– Structure of human eye (6 periods)</li> <li>– Function of various parts of the human eye</li> <li>– The blind spot</li> <li>– How do we see colours?</li> <li>– Working of the human eye</li> <li>– Range of vision</li> <li>– Defects of vision</li> <li>– Care of the Eyes</li> <li>– Visually challenged persons—help for them</li> <li>– Braille system</li> </ul>
6.		<b>September</b>	13. Synthetic fibres and plastic	<p>13. Synthetic fibres and plastic</p> <ul style="list-style-type: none"> <li>– Natural fibres and synthetic fibres</li> <li>– (Rayon) or Artificial Silk, Nylon, Terylene, Poly Ethene</li> <li>Tetraphthalate, (PET) and Acrylic fibres</li> <li>– Advantages and disadvantages of synthetic fibres</li> <li>– Plastics</li> <li>– Characteristics of synthetic plastics</li> <li>– Types of synthetic plastics</li> <li>– Thermosetting</li> <li>– Thermoplastics</li> <li>– Plastics and the Environment</li> <li>– Damage caused by plastic waste</li> <li>– Measures to control the damage caused by plastic waste</li> </ul> <p>12. Sound</p> <ul style="list-style-type: none"> <li>– Sound and vibrations (6 periods)</li> <li>– Sounds produced by humans</li> <li>– Sounds produced by animals</li> <li>– Propagation of sound</li> <li>– Light propagates faster than sound</li> <li>– Amplitude, time period and frequency of a vibration</li> <li>– Loudness and pitch of a sound</li> <li>– Audible and inaudible sounds</li> <li>– Noise and music</li> <li>– Noise pollution : sources and effects</li> <li>– Measures to limit noise pollution</li> <li>– Hearing impairment.</li> </ul>



			<p>19. Pollution of air</p> <p>20. Pollution of water</p>	<ul style="list-style-type: none"> <li>– The moon—phases of the moon, the moon’s surface</li> <li>– The solar system</li> <li>– Sun</li> <li>– Planets</li> <li>– Terrestrial and Jovian planets</li> <li>– Minor bodies in the solar system</li> <li>– Artificial satellites and their applications</li> </ul> <p>19. Pollution of air</p> <ul style="list-style-type: none"> <li>– Pollution</li> <li>– Air pollution; Causes of air pollution;</li> <li>– Harmful effects of carbon monoxide, nitrogen dioxide smog, chlorofluorocarbons (CFCs)</li> <li>– Acid rain and its harmful effects</li> <li>– Green House Effect and Global Warming</li> <li>– Causes of increase in concentration of green house gases</li> <li>– Consequences of green house effect</li> <li>– Global warming and its consequences</li> <li>– Measures to check global warming</li> <li>– Methods to control air pollution</li> </ul> <p>20. Pollution of water</p> <ul style="list-style-type: none"> <li>– Water pollution</li> <li>– Causes of water pollution</li> <li>– Potable water</li> <li>– Purification of drinking water</li> <li>– Methods to make water safe for drinking</li> <li>– Treatment of major sources of water pollution</li> <li>– Treatment of sewage</li> <li>– Treatment of industrial waste</li> <li>– Conservation of water</li> </ul>
9.		<b>December</b>	18. Earthquakes	<p>18. Earthquakes</p> <ul style="list-style-type: none"> <li>– Earthquakes and their effects</li> <li>– Cause of an earthquake</li> <li>– The Focus</li> <li>– Predicting an earthquake</li> <li>– Measuring an earthquake</li> <li>– Protection against earthquakes; safety precautions</li> </ul>
10.		<b>January</b>	Revision	
11.		<b>February</b>	Revision	
12.		<b>March</b>	Revision and final exam.	
1.	<b>English literature</b>	<b>April</b>	Chapter-1 : Three Questions Chapter- 2 : Granny’s tree climbing	Explanation of the chapter ,keywords , question answer,, life skill, highly order thinking , value based question answer,

	Practice book		Chapter -1 : Tenses	exercise of the book . Definition of verb ,its types and exercise of the chapter.
2.	English literature  Reader book  Practice book	<b>May</b>	Chapter- 3 : The Fun They Had  Unit- 1 : Changing Times  Chapter -2 : Narration	Explanation of the chapter ,keywords , question answer, highly order thinking , value based question answer, exercise of the book . Definition of direct speech & indirect speech ,its rules and worksheet of the chapter.
3.		<b>June</b>	Summer vacation	
4.	English literature  Reader book  Practice book	<b>July</b>	Chapter- 4 : Father's Help  Unit -2: Compassionate Souls  Chapter- 3 : Modals Chapter-4 : Subject –Verb agreement	Explanation of the chapter ,keywords, question answer, life skill , highly order thinking , value based question answer, exercise of the book Definition of subject –verb agreement & Modals ,its types and worksheet of the chapter
5	English literature  Reader book  Practice book	<b>August</b>	Chapter- 5 : My Mother Chapter-6 : The Luncheon  Unit-3 : Enterprises  Chapter- 5 : Clauses and Complex sentences Chapter- 6 : Linkers	Explanation of the chapter ,keywords, question answer,, life skill, highly order thinking , value based question answer, exercise of the book . Definition of clauses & linkers ,its types and worksheet of the chapter
6	English literature  Reader book  Practice book	<b>September</b>	Chapter- 7 : The Children's song  Unit- 4 : Nature  Chapter- 7 : Active Passive Voice Chapter-8 : Non- finites	Explanation of the chapter , keywords, question answer, life skill, highly order thinking & value based question answer, exercise of the book . Definition of voice & Non -finite ,its rules and worksheet of the chapter.
7	English literature  Reader book  Practice book	<b>October</b>	Chapter -8 : The case of sharp- Eyed Jeweller  Unit – 5 : Sports  Chapter 9: Punctuation	Explanation of the chapter , keywords, question answer, life skill, highly order thinking & value based question answer, exercise of the book. About punctuation ,its rules and worksheet of the chapter.

8	English literature Reader book Practice book	<b>November</b>	Chapter – 9 : Couplets Chapter- 10 : The Undeserved Reward  Unit-6 : Tolerance  Chapter -10 : Reading for understanding Chapter-11 :Getting ready for class IX	Explanation of the chapter , question answer, keywords , life skill, highly order thinking & value based question answer, exercise of the book, unseen passages.
9	English literature Reader book Practice book	<b>December</b>	Chapter- 11 : Bangle Sellers Chapter- 12 : A Bad Dream  Revision  Revision	Explanation of the chapter , question answer, keywords , life skill, highly order thinking & value based question answer, exercise of the book .
10		<b>January</b>	Revision	
11		<b>February</b>	Revision	
12		<b>March</b>	Revision and final exam.	
1	नैतिक शिक्षा	अप्रैल	1 ओंकार ध्वज 2 ईश्वर का सर्वश्रेष्ठ नाम 3 आत्मबोध	पाठ वाचन, शब्दार्थ, प्रश्नोत्तर
2		मई	4 गीता के 2 श्लोक 5 गायत्री जप का प्रभाव	पाठ वाचन, शब्दार्थ, प्रश्नोत्तर
3		जून	ग्रीष्मकालीन अवकाश	
4		जुलाई	6 संस्कृत भाषा 7 राष्ट्रभाषा हिंदी	पाठ वाचन, शब्दार्थ, प्रश्नोत्तर
5		अगस्त	8 पंच महायज्ञ 9 डीएवी गान 10 योग की पहली सीढ़ी	पाठ वाचन, शब्दार्थ, प्रश्नोत्तर
6		सितंबर	11 योग की दूसरी सीढ़ी 12 वर्ण व्यवस्था का स्वरूप 13 आश्रम व्यवस्था	पाठ वाचन, शब्दार्थ, प्रश्नोत्तर
7		अक्टूबर	14 किस दर जाऊं 15 आर्य समाज के नियम 16 सत्यार्थ प्रकाश	पाठ वाचन, शब्दार्थ, प्रश्नोत्तर
8		नवंबर	17 डीएवी संस्थाएं 18 न्यायमूर्ति डॉ मेहर चंद महाजन	पाठ वाचन, शब्दार्थ, प्रश्नोत्तर
9		दिसंबर	19 राष्ट्रीय गीत	पाठ वाचन, शब्दार्थ, प्रश्नोत्तर



			20 नित्य कर्म के मंत्र	
10		जनवरी	दोहराई	
11		फरवरी	दोहराई	
12		मार्च	दोहराई	
1	हिंदी	अप्रैल	1 हम पंछी उन्मुक्त गगन के	शब्दार्थ, प्रश्नोत्तर, सही/ गलत, क्रिया भेद, तत्सम, तद्भव, विराम चिन्ह, उपसर्ग, प्रत्यय
2		मई	2 असल धन 3 अच्छे पड़ोसी के गुण	शब्दार्थ, प्रश्नोत्तर, सही/ गलत, क्रिया भेद, तत्सम, तद्भव, विराम चिन्ह, उपसर्ग, प्रत्यय
3		जून	ग्रीष्मकालीन अवकाश	
4		जुलाई	4 दोपहरी 5 आकाश की 7 सीढ़ियां 6 आश्रम के अतिथि और संस्मरण 7 अन्याय के खिलाफ लड़ाई	शब्दार्थ, प्रश्नोत्तर, सही/ गलत, क्रिया भेद, तत्सम, तद्भव, विराम चिन्ह, उपसर्ग, प्रत्यय
5		अगस्त	8 दोहे 9 जब भोलाराम ने पंप लगाया 10 बातचीत की कला	शब्दार्थ, प्रश्नोत्तर, सही/ गलत, क्रिया भेद, तत्सम, तद्भव, विराम चिन्ह, उपसर्ग, प्रत्यय
6		सितंबर	11 तारे से आगे 12 पौधे के पंख 13 सूर और तुलसी के पद	शब्दार्थ, प्रश्नोत्तर, सही/ गलत, क्रिया भेद, तत्सम, तद्भव, विराम चिन्ह, उपसर्ग, प्रत्यय
7		अक्टूबर	14 बहू की विदा 15 कामचोर 16 एक तिनका सोना	शब्दार्थ, प्रश्नोत्तर, सही/ गलत, क्रिया भेद, तत्सम, तद्भव, विराम चिन्ह, उपसर्ग, प्रत्यय
8		नवंबर	17 दुख में हार ना मानो 18 जीवन का सच 19 ईर्ष्या तू न गई मेरे मन से	शब्दार्थ, प्रश्नोत्तर, सही/ गलत, क्रिया भेद, तत्सम, तद्भव, विराम चिन्ह, उपसर्ग, प्रत्यय
9		दिसंबर	दोहराई	
10		जनवरी	दोहराई	
11		फरवरी	दोहराई	
12		मार्च	दोहराई	