



ANNUAL PLANNER (2024-25)

Class : VII			Subject: English
Month	Unit	Chapter	Topics
April	1	The Beekeeper and the Bewitched hare	<ul style="list-style-type: none"> • Figures of speech: Onomatopoeia, Imagery and its types. • Grammar: Parts of speech and determiners. • Writing: Informal letter • Vocabulary: Homophones, homonyms, and homographs
May	2	The people Upstairs (poem)	<ul style="list-style-type: none"> • Figures of Speech: Alliteration, enjambment, anaphora, and metaphor. • Grammar: irregular verbs. • Transitive and intransitive verbs(rev) • Simple and continuous tenses.
July	3	The Cherry tree	<ul style="list-style-type: none"> • Figures of Speech- antithesis, climax. • Grammar: prepositions, • perfect and perfect continuous tenses. • Phrasal verbs
August	4	The Luncheon	<ul style="list-style-type: none"> • Grammar: future conditionals (future time reference) conjunctions and Modals. • Character Analysis (Character sketch) • collocations • Phrases and clauses
September		Revision for Term I	

October	5	The Diamond Necklace	<ul style="list-style-type: none"> • Formal letter writing Notice. • Conditionals • Figures of Speech: irony (irony vs sarcasm) • Subject verb agreement
	6	<p>On the grasshopper and the cricket (poem)</p> <p>Lexical groups (Antonyms synonyms)</p> <p>Suffix prefix.</p> <p>Non finite verbs.</p> <p>Active and passive voice</p>	
November	7	Uncle Podger hangs a picture.	<ul style="list-style-type: none"> • The Romantic movement, poets of romantic era and their themes • Essay writing
	8	<p>Ozymandias (poem)</p> <p>Reported speech.</p> <p>Idioms and proverbs</p>	
December	9	A birthday letter.	<ul style="list-style-type: none"> • Symbolism. • Historical context • Relative Clause • Punctuations
	10	The Bird with the broken pinion (poem) (simile and metaphor)	
January	11	Lincoln's first public speech	<ul style="list-style-type: none"> • Author and his writing style • Nostalgia • Historical context • Roman Empire • Writing a speech
	12	The merchant of Venice.	
February		Revision for Term II	

Class : VII			Subject: Mathematics
Month	Unit	Chapter	Topics
April	Arithmetic	1. Integers	<ul style="list-style-type: none"> • Addition and subtraction of integers • Multiplication and division of integers • Application of integers
		2. Fractions and Decimals	<ul style="list-style-type: none"> • Introduction • Basic operations on fractions and decimals • Real-world problems involving fractions and decimals
May	Statistics	3. Data Handling	<ul style="list-style-type: none"> • Introduction • Plotting graphs. • Mean, median, mode
July	Algebra	4. Simple Equations	<ul style="list-style-type: none"> • Framing a simple equation • Solving the simple equation. • Word problems on simple equation
	Geometry	5. Lines and Angles	<ul style="list-style-type: none"> • Complementary angles/supplementary angles • Vertically opposite angles, alternate angles, • Parallel lines and special angles (corresponding angles, alternate angles, interior angles on same side of transversal.)
August	Geometry	6. The Triangle and its Properties (cont.)	<ul style="list-style-type: none"> • Introduction to median and altitude • Exterior angle property of a triangle. • Angle sum property of a triangle. • Pythagoras theorem.
September		Revision and term 1	

October	Arithmetic	7. Comparing Quantities 8. Rational Numbers	<ul style="list-style-type: none"> Fractions → decimals → percentage Concept of profit, loss, profit%, loss% Concept of Simple interest and amount Introduction Representation of rational numbers on number line. Basic operations on number rational numbers
November	Mensuration Algebra	9. Perimeter and Area 10. Algebraic Expressions	<ul style="list-style-type: none"> Area of triangle and parallelogram Area and circumference of circle Basic concepts like terms, coefficients, types of polynomials, like/unlike terms Addition and subtraction of algebraic expressions Simplifying using values of variables
December	Arithmetic / algebra	11. Exponents and Powers	<ul style="list-style-type: none"> Introduction Laws of exponents Standard form of a number
January	Symmetry	12. Symmetry	<ul style="list-style-type: none"> Line symmetry Rotational symmetry.
February	Mensuration	13. Visualising Solid Shapes Revision for annual exams	<ul style="list-style-type: none"> Introduction Cubes and cuboids on isometric dot paper (along with oblique sketch). Differentiate b/w isometric sketch and oblique sketch. Cross sections of different 3D shapes
March		Annual Exams	

TERM I		
Month	Unit	Chapter
April	1	रुचिरा - सुभाषितानि व्याकरण - शब्दरूप, धातुरूप, पर्यायाः एवम् विपर्ययाः, उच्चारण स्थानानि
May		रुचिरा - दुर्बुद्धिः विनश्यति व्याकरण - पत्र लेखनम्, चित्र वर्णनम्, अपठित गद्यांश
July		रुचिरा - स्वावलम्बनम् व्याकरण - वर्णविन्यासाः, संयोगाः च, समयलेखनम्, संख्याः
August		रुचिरा - पण्डिता रमाबाई व्याकरण - पत्र लेखनम्, पर्यायाः एवम् विपर्ययाः
TERM 2		
Month	Unit	Chapter
October	2	रुचिरा - समवायो हि दुर्जयः व्याकरण - चित्र वर्णनम्, अपठित गद्यांश
November		रुचिरा - विद्याधनं व्याकरण - कारक, पत्र लेखनम्
December		रुचिरा - विद्याधनं व्याकरण - पर्यायाः एवम् विपर्ययाः
January		रुचिरा - लालनगीतम् व्याकरण - समयलेखनम्, संख्याः
February		पुनरावृत्ति

Class : VII		Chapter
April		वसंत- हम पंछी उन्मुक्त गगन के व्याकरण- भाषा और व्याकरण, वर्ण विचार, शब्द विचार(रचना के आधार पर), संज्ञा, अपठित गद्यांश अभिव्यक्ति- अनुच्छेद लेखन
May		वसंत – हिमालय की बेटियाँ, कठपुतली व्याकरण - उपसर्ग एवं प्रत्यय, पर्यायवाची शब्द, विलोम शब्द, सर्वनाम, संधि, अभिव्यक्ति - संवाद लेखन, औपचारिक पत्र लेखन
July		वसंत - मिठाईवाला, पापा खो गए व्याकरण - विशेषण, अनेक शब्दों के लिए एक शब्द, संधि, अभिव्यक्ति - चित्र वर्णन, विज्ञापन लेखन पठन कौशल - अपठित गद्यांश
August		वसंत - शाम एक किसान, अपूर्व अनुभव व्याकरण - क्रिया(कर्म के आधार पर) अभिव्यक्ति - अनौपचारिक पत्र लेखन
September		Term2
October		वसंत - रहीम के दोहे, एक तिनका व्याकरण - क्रिया विशेषण, वाक्य (अर्थ के आधार पर) विलोम, पर्यायवाची, अपठित गद्यांश अभिव्यक्ति - संवाद लेखन, औपचारिक पत्र लेखन
November		वसंत- खानपान की बदलती तसवीर, नीलकंठ व्याकरण- विराम चिह्न, मुहावरे, अनेक शब्दों के लिए एक शब्द अभिव्यक्ति- विज्ञापन लेखन, चित्र वर्णन
December		वसंत - भोर और बरखा व्याकरण - कारक अभिव्यक्ति - अनौपचारिक पत्र लेखन
January		वसंत - वीर कुँवर सिंह

		व्याकरण - समास अभिव्यक्ति - अनुच्छेद लेखन
February		पुनरावृत्ति

CLASS VII			SUBJECT:
MONTH	UNIT	CHAPTERS	SCIENCE TOPICS
APRIL		Chapter 1: NUTRITION IN PLANTS	<ul style="list-style-type: none"> *Nutrition and its types *Photosynthesis *Saprotrophs *Symbiosis *Replenishing nutrients into the soil
MAY		Chapter 2: NUTRITION IN ANIMALS	<ul style="list-style-type: none"> *Human digestive system *Types of teeth *Nutrition in herbivorous animals or Ruminants * Nutrition in Amoeba.
JULY		Chapter 3: HEAT	<ul style="list-style-type: none"> *Heat and temperature *Scales of temperature and its measurement *Modes of heat transfer *Applications of conduction, convection and radiation
		Chapter 4: ACIDS, BASES AND SALTS	<ul style="list-style-type: none"> *Properties of acids, bases and salts *Natural and chemical indicators *Acids and bases in everyday life *Neutralization

AUGUST		Chapter 5: PHYSICAL AND CHEMICAL CHANGES	<ul style="list-style-type: none"> *Physical and chemical changes *Characteristics of chemical changes *Examples of chemical changes from everyday life *Crystallization
		Chapter 12: FORESTS- OUR LIFELINE	<ul style="list-style-type: none"> *Forest wealth *Food chain and food web *Balance in nature *Conservation of forests
SEPTEMBER			TERM -1
OCTOBER		Chapter 6: MOTION AND TIME	<ul style="list-style-type: none"> *Ancient methods of measurement *Measurement of time and speed *Types of motion *Plotting of graphs for motion
		Chapter 7: RESPIRATION IN ORGANISMS	<ul style="list-style-type: none"> *Respiration in plants *Respiration in animals *Types of respiration *Human respiratory system

NOVEMBER		Chapter 8: TRANSPORTATION IN ANIMALS AND PLANTS	<ul style="list-style-type: none"> *Transportation of materials in plants and animals *Human Circulatory System. *Human excretory system
		Chapter 9: REPRODUCTION IN PLANTS	<ul style="list-style-type: none"> *Types of reproduction *Different modes of asexual reproduction *Natural and Artificial methods of vegetative reproduction and their benefits *Sexual reproduction in plants *Seed dispersal and its importance
DECEMBER		Chapter 10: ELECTRIC CURRENT AND ITS EFFECTS	<ul style="list-style-type: none"> *Heating and magnetic effects of electric current *Electric fuse *Electromagnet and its uses *Working of an electric bell *Electric current and circuit
		Chapter 11: LIGHT	<ul style="list-style-type: none"> *Reflection of light *Plane mirror and images *Spherical mirrors and lenses *Image formation and uses of mirrors and lenses *Spectrum and dispersion

JANUARY		Chapter 13: WASTE WATER STORY	*Wastewater and sewage *Wastewater treatment plant *Management of wastewater
FEBRUARY			REVISION
MARCH			TERM -2

Class : VII			Subject: Computer
Month	Unit	Chapter	Topics
April	Chapter -I	Number System	<ul style="list-style-type: none"> • Number System • Types of number system • Conversion:- 1- Decimal numbers into binary numbers. 2- Binary numbers into decimal numbers. Perform Binary addition, subtraction, multiply and division.
May	Chapter 5	Introduction to Robotics	<ul style="list-style-type: none"> • Robot Vs Automatic Machines • History of Robots • Components of Robot • Types of Robots • Classification of Robots • Some famous Indian Robots • Introduction to Robotics • Robotics and Artificial Intelligence
July	Chapter 2	Advanced Features of Excel	<ul style="list-style-type: none"> • Charts and its 9 components • Commonly used chart types • Creating/deleting chart • Chart elements and formatting a chart • Combo chart
August	Chapter 2	Advanced Features of Excel (cont..)	<ul style="list-style-type: none"> • Sparklines and goal Seek • Grouping worksheet and consolidating data • Sorting and Filtering data, using advanced filter and data validation. • Concept of Database: • Adding subtotal in Data base.

			<ul style="list-style-type: none"> Analyzing data with PivotTable.
September	Term I Assessment (Theory and Practical)		
October	Chapter 4	Introduction to HTML5	<ul style="list-style-type: none"> HTML and brief history of HTML Tools to be used Creating an HTML document Tags, Elements and Attributes Rules for Writing HTML code HTML document structure Important tags in HTML Cascading Style Sheets Methods of Applying CSS Background Properties
November	Chapter 6	More on CSS	<ul style="list-style-type: none"> In-line style Text properties Font properties Margin Properties Border Properties
December	Skill Subject- Coding	Basics of Coding & Block Coding	Recap (Introduction to Coding, Algorithm and flowchart and Variables) Unit 4- Controls Unit 5- Loops
January	Skill Subject – Coding	Practical- Introduction to Scratch – Block Coding	<ul style="list-style-type: none"> Components of Scratch window Online and desktop application Creating account in Scratch Loading / following tutorials
February	Chapter 9	Cyber Security and Threats	<ul style="list-style-type: none"> Cyber Crime <ul style="list-style-type: none"> Crime against Individual person Crime against property Crime against organization/society

			<ul style="list-style-type: none">• Cyber Security<ul style="list-style-type: none">◦ Antivirus / Firewalls / Encryption software
March	Term II Assessment		

Month	Unit	Chapter	Topics
April	History	Tracing Changes Through A Thousand Years	<ul style="list-style-type: none"> ● Historian & their sources ● Old & new terminology ● Social & economic changes ● New religions
	Geography	Environment	<ul style="list-style-type: none"> ● Domains of Earth ● Ecosystem ● Human – Environment interactions
		Inside Our Earth	<ul style="list-style-type: none"> ● Structure of earth ● Rock cycle & types of rocks
May	History	New Kings & Kingdoms	<ul style="list-style-type: none"> ● Emergence of new dynasties ● Administration in new kingdoms ● A closer look to Cholas
	Civics	On Equality	<ul style="list-style-type: none"> ● Equal right to vote ● Equality in Indian democracy ● Civil rights movement
		Role of Government in Health	<ul style="list-style-type: none"> ● Public & private health service ● Health care & equality ● Kerala experience ● Costa Rica approach

Month	Unit	Chapter	Topics
June		Summer break	
July	History Geography	The Delhi Sultan Our changing Earth	<ul style="list-style-type: none"> ● Dynasties of Delhi Sultans ● Comparison between Alauddin Khalji & Muhammad Bin Tughluq ● Volcanoes & earthquake ● Work of river ● Work of sea wave ● Work of ice & wind
August	Geography Civics	Air How the State government works	<ul style="list-style-type: none"> ● Composition of atmosphere ● Layers of atmosphere ● Significance of atmosphere ● About ruling & opposition party ● MLA & formation of legislative assembly ● Making of a law ● Role of Chief Minister ● Role of Governor
September	History Geography Civics	Term 1 revision and exams.	
October	History	The Mughals	<ul style="list-style-type: none"> ● Different Mughal rulers ● Mughal Traditions of Succession ● Mughal Relations with Other Rulers ● Mansabdars and Jagirdars

Month	Unit	Chapter	Topics
	Geography	Water	<ul style="list-style-type: none"> ● A Closer Look: Akbar's Policies ● The Mughal Empire in the Seventeenth Century and After ● Water Cycle ● Waves ● Neap Tides ● Spring Tides ● Ocean currents
November	Geography	Human Interaction: The tropical and subtropical region	<ul style="list-style-type: none"> ● Location of Amazon river basin ● Climate ● People in rainforest ● Location of Ganga-Brahmaputra basin ● Life in Ganga-Brahmaputra basin ● Types of Media ● Balanced Media ● Democracy and Media
	Civics	Understanding Media	
December	History	Devotional path to the Divine	<ul style="list-style-type: none"> ● The idea of a supreme God ● A new kind of Bhakti in south India & Maharashtra ● Philosophy & Bhakti

Month	Unit	Chapter	Topics
	Civics	Market Around us	<ul style="list-style-type: none"> ● Nathpanthis, Siddhas and Yogis ● Islam and Sufism ● New Religious Developments in North India ● A Closer Look: Baba Guru Nanak & Kabir ● Weekly market ● Shops in neighbourhood ● Shopping complexes & malls ● Chains of market
January	History	18th century political formation	<ul style="list-style-type: none"> ● Crisis of the Empire and later Mughals ● The Rajputs ● The Marathas ● The Sikhs ● The Jats ● Hot desert Sahara ● Climate, flora & fauna, people and their activity in Sahara ● Cold desert Ladakh ● Climate, flora & fauna, people and their activity in Ladakh
February		Revision for Final Examinations.	