

NEW ERA PUBLIC SCHOOL

Syllabus (2026-27)

Subject: English

Class: IX

MONTH	LITERATURE READER	GRAMMAR	WRITING SKILLS	LEARNING OBJECTIVES
APRIL	Unit 1 * How I Taught My Grandmother To Read * Poem *Bharat Our Land*	*Tenses	*Letters to the Editor	*To recognize that learning has no age limit and that being able to read is a fundamental tool for independence and self-esteem. *To identify how the poet uses grand natural features (like the Himalayas and the Ganges) as symbols of strength and purity. *To recognize that a Letter to the Editor is a bridge between the common citizen and the government or higher authorities.
MAY	Unit 2 * The Pot Maker Poem *Gifts of Grace: Honouring Our Vocations*	*Modals * Determiners	*Writing Descriptive/Narrative Essay (Word Limit – 200-250 words)	*To recognize the value of ancestral trades and the role of the artisan in preserving cultural heritage. *To understand that no work is small if performed with "grace" and integrity.
JULY	Unit 3*Winds of Change* Poem*Canvas of Soil*	Subject- Verb Concord	*Notice Writing	*To identify the factors leading to environmental or social "changes" and understand their long-term consequences. *To interpret the "soil" not just as dirt, but as a "canvas" upon which history, hard work, and life are painted.
AUGUST	Unit 4 *Vitamin-M* Poem - *I Cannot Remember My Mother*	* Reported Speech *Sentence Rearrangement	Factual Description, (Word Limit – 120-150 words)	*To understand that managing money is a vital life skill, much like maintaining physical health through vitamins. *To understand that memories are not always clear pictures; they can be feelings or "scents" that linger in the subconscious.
SEPTEMBER	REVISION	*Editing/Omitting		*to transform a large volume of "taught material" into a manageable set of "mastered skills" that can be used fluently in any academic or real-world scenario.
	TERM II			
OCTOBER	Unit 5 *The World of Limitless Possibilities* Poem- * Nine gold Medals*	Clauses – Noun Clause, Relative Clause	Formal E-mail on a given issue for presenting views and suggestions –(Word Limit –	*To inspire students to think "outside the box" and recognize that human potential is restricted only by our own imagination. *To understand that true victory isn't always about finishing first, but about how we treat others along the way.

		Conditional Clause – Type 1	120-150 words)	
NOVEMBER	Unit 6 *Twin Melodies* Poem *A Friend Found in Music*	* Sentence Transformation	*Informal Invitation	*To analyze how music acts as a bridge between different backgrounds, allowing people to communicate without speaking the same language. *o explore the personification of music as a "friend" that provides comfort during loneliness and joy during celebrations.
DECEMBER	Unit 7 *Carrier of Words Poem *Words*	*Sentence Rearrangement	Article Writing (Word Limit – 120-150 words)	*To explore the ethical duty of ensuring that words are carried accurately and with integrity, avoiding gossip or misinformation. *To understand that while we cannot control how others speak, we have total "limitless possibility" in choosing the words we release into the world.
JANUARY	Unit 8 *Follow That Dream* Poem *Believe in Yourself*	* Integrated Grammar		*To study how characters handle setbacks and why "following a dream" often requires more resilience than talent alone. *To recognize that self-belief is the foundation for all other achievements, including academic and personal success.

Syllabus (2026-27)
Class: IX
Subject: Mathematics

Prescribed Book:
GANITA MANJARI NCERT(Part I)

S. No.	Month	Topic	Subtopic	Learning Objectives
1.	April	Chapter 3: The World of Numbers	<ul style="list-style-type: none"> • The Dawn of Mathematics: The Human Need to Count. • A History Written in Bone • The Indian Context: Trade and Astronomy • The Revolution of Śhūnya: When Nothing Became Something • From Philosophy to Mathematics: The Concept of Śhūnyatā • The Bakhshālī Manuscript and Brahmagupta's Rules • Integers: Expanding the Horizon • The Arithmetic of Integers • Filling the Spaces: Fractions and Rational Numbers • Representation of Rational Numbers on the Number Line • The Density of Rational Numbers • The Proof of Irrationality of $\sqrt{2}$ • Construction of Length \sqrt{n} • The Story of Pi (π) and Madhava's Infinite Series • Real Numbers: Decimals and Cyclic Patterns • Rational Decimals: Terminating and Repeating • The magic of cyclic numbers • Irrational Decimals: Chaos and Infinity • Conclusion: The Never- Ending Journey 	<ul style="list-style-type: none"> • To understand the concept of a rational number. • To represent rational numbers on the number line. • To understand the properties of rational numbers. • To explain the concept of density of rational numbers. • To compute decimal representation of rational numbers. • To understand the concept of irrational numbers. • To prove the irrationality. • To construct the square root spiral. • To apply computational thinking to represent rational and irrational numbers through algorithms and visual models, generate decimal expansions systematically, and reason about numbers using step by-step logical procedures.

		Chapter 1: Orienting Yourself: The Use of Coordinate	<ul style="list-style-type: none"> • Introduction 	<ul style="list-style-type: none"> • To specify locations and the position of one point relative to another point using coordinates. • To represent a floor plan on a grid using coordinates.
2.	May	Chapter 1: Orienting Yourself: The Use of Coordinate (Cont.) Chapter 2: Introduction to Linear Polynomials	<ul style="list-style-type: none"> • Setting In • The 2-D Cartesian Coordinate system • Distance between two points in the 2-D plane • Introduction • Linear polynomials • Exploring linear patterns 	<ul style="list-style-type: none"> • To compute the distance between two points using coordinates. • To determine whether three points lie in a straight line using coordinates. • To check whether a triangle is right angled using coordinates. • To apply computational thinking to model situations on the coordinate plane and verify geometric properties through systematic reasoning • To understand the concept of a polynomial. • To use computational thinking to systematically represent, solve, and interpret pairs of linear equations through graphs, tables, and step-by step procedures.
			<ul style="list-style-type: none"> • Activity 1 	<ul style="list-style-type: none"> • To identify quadrants and coordinates of the given points and plot their images.
3.	July	Chapter 2: Introduction to Linear Polynomials (Cont.) Chapter 5: I'm Up and Down, and Round and Round	<ul style="list-style-type: none"> • Linear growth and linear decay • Linear relationships • Visualising linear relationships • Definitions • Symmetries of a circle • How many circles? • Chords and the angle they subtend • Mid point and perpendicular bisector of 	<ul style="list-style-type: none"> • To understand the concept of a linear equation in two variables. • To graph a pair of linear equations. • To solve a pair of linear equations graphically. • To model and solve contextualised problems using a pair of linear equations and draw conclusions. • To state the definition of a circle. • To explain the meanings of the terms 'chord', 'diameter', 'radius', 'arc', 'segment', and 'sector'. • To explain why there exists a unique circle through three non-collinear points. • To construct the circumcircle and circumcentre of a triangle.

		<p>Chapter 4: Exploring Algebraic Identities</p>	<p>chords</p> <ul style="list-style-type: none"> • Distance of chords from the centre • Which of the two unequal chords is farther from the centre? • Angles subtended by an arc- at the point on the circle, outside the arc • Concyclicity of points <ul style="list-style-type: none"> • Introduction • Visualising identities • Factorisation of algebraic expressions using identities • More identities • Factorisation using algebra tiles • Factorisation without using algebra tiles • Finding new identities • Simplifying rational expressions 	<ul style="list-style-type: none"> • To describe the location of the circumcentre for acute, obtuse, and right-angled triangles. • To explain what ‘angle subtended by an arc at the centre’ means. • To explain why ‘equal chords subtend equal angles at the centre’. • To explain why ‘chords that subtend equal angles at the centre are equal’. • To explain why ‘the line from the centre of a circle to the midpoint of a chord is perpendicular to the chord’. • To explain why ‘a perpendicular from the centre to a chord bisects the chord’. • To state the relationship between length of a chord and its distance from the centre of the circle. • To identify cultural motifs involving circles, for example, the Dharmachakra, Ashoka Chakra, Sudarshan Chakra. • To use computational thinking to break down circle-related problems, apply geometric rules step-by-step, and verify properties of figures, such as chords, angles, and cyclic quadrilaterals through systematic reasoning. <ul style="list-style-type: none"> • To visualise algebraic identities using geometric models. • To determine the factors of algebraic expressions using identities. • To interpret factors of quadratic expressions through geometric models. • To find simplified versions of rational expressions. • To use computational thinking strategies, such as decomposition and step-by-step procedures to visualise algebraic identities, factor expressions, and simplify rational expressions. • To explain why ‘equal chords are equidistant from the centre (and conversely)’. • To explain why ‘among unequal chords, the longer chord is closer to the centre’. • To explain why ‘the diameter is the longest chord’. • To explain why ‘the angle subtended by an arc at the centre is double the angle subtended by the arc at any point on the remaining part of the circle’. • To explain why ‘angles in the same segment of a circle are equal’. • To explain why ‘the angle in a semicircle is a right angle’. • To determine when four given points are concyclic. • To explain why ‘a quadrilateral with supplementary opposite angles is cyclic, and conversely’. • To explain how circular wheels have influenced transport,
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				farming, building, and technology.
			<ul style="list-style-type: none"> • Activity 2 • Activity 3 • Activity 4 	<ul style="list-style-type: none"> • To verify the identity $(x + y + z)^2$ • Angles subtended by equal chords of a circle • Degree measure theorem
4.	August	Chapter 6: Measuring space : Perimeter and Area	<ul style="list-style-type: none"> • Perimeter of square • Perimeter of a circle: The $\frac{C}{D}$ ratio • π is irrational • Length of an arc of a circle • Problems, puzzles and paradoxes on perimeter • Area of shapes: rectangles, parallelograms and triangles • Heron's formula • Brahmagupta's formula for area of a cyclic 4-gon • Squaring a rectangle: Proof from Baudhayana's Sulbasutras • Area of a circle • Area of the sector of a circle 	<ul style="list-style-type: none"> • To define perimeter as the length around the boundary of any shape. • To explain that the circumference-to diameter ratio is constant for all circles. • To list historical approximations to π (from Archimedes, Aryabhata, and Zu Chongzhi). • To compute the circumference of a circle and the length of an arc. • To apply ideas of circle perimeter and arc length to real-world contexts. • To explain why a median of a triangle divides it into two triangles of equal area. • To use Heron's formula to compute the area of a triangle from its sides. • To explain the classical problem of 'squaring' a given shape. • To explain how ancient civilisations approximated the area of a circle. • To compute the area of a circle using the formula. • To explain and use the formula for area of a sector of a circle. • To solve problems on areas of sectors and segments of circles. • To state Brahmagupta's formula for the area of a cyclic quadrilateral in terms of its sides. • To explain why Heron's formula is a 'special case' of Brahmagupta's formula. • To explain the notion of 'special case' and 'generalisation' in mathematics. • To use computational thinking to break down shapes, apply step-by-step methods to calculate perimeter and area, recognise patterns across formulae, and understand generalisation and special cases in geometry. • To understand the concept of a sequence of numbers. To identify the pattern in a sequence and predict the next few terms.

		Chapter 7: The Mathematics of Maybe: Introduction to Probability	<ul style="list-style-type: none"> • What is Probability? • What is Randomness? • The Probability Scale • Measuring probability objectively • Experimental Probability: Performing Observations or Experiments • Theoretical Probability • Analysing Statistical Data using Probability • Elements of Probability: Sample space and Events • Tree diagram 	<ul style="list-style-type: none"> • To understand the concept of randomness. • To describe the likelihood of an event using the probability scale. • To estimate the empirical probability of the occurrence of an event by analysing statistical data. • To define theoretical probability of an event. • To apply the definition of theoretical probability to compute the probability of an event. • To compute probability of events with the help of tree diagrams and tables. • Use computational thinking strategies, such as pattern recognition and simulation, to model random experiments and estimate probabilities.
			<ul style="list-style-type: none"> • Activity 5 	<ul style="list-style-type: none"> • Derivation of area of circle
5.	September		<ul style="list-style-type: none"> • Revision for Mid term Examination 	

The syllabus for Term Two will be shared later, after the release of Ganita Manjari Part II by CBSE.

Syllabus (2026-27)

Class : IX

Subject: Science

S. NO.	MONT H	TOPIC	SUB-TOPIC	PRACTICALS	LEARNING OUTCOMES
1.	APRIL	Chapter :5 Exploring Mixtures and Their Separation	<ul style="list-style-type: none"> • Homogeneous and heterogeneous mixtures; • Solutions, suspensions, colloids and their properties • Various ways to express concentration of solutions (mass by mass percentage of a solution, mass by volume percentage of a solution, volume by volume percentage of a solution) • Separation techniques based on the physical properties of components, including crystallization, distillation, paper chromatography, sublimation, centrifugation and coagulation. <p>Activity:</p> <ul style="list-style-type: none"> • Preparation of homogeneous and heterogeneous mixtures. 	<p>1) Preparation of a true solution, a suspension and a colloidal solution and distinguish between these on the basis of</p> <ul style="list-style-type: none"> • Transparency • Filtration • Stability <p>2) Preparation of a mixture and a compound distinguish between them on the basis of:</p> <ol style="list-style-type: none"> Appearance Behavior towards a magnet Behavior towards carbon disulphide as a solvent Effect of heat 	<ul style="list-style-type: none"> • Differentiate between homogeneous and heterogeneous mixtures on the basis of their properties • Demonstrate separation techniques, such as crystallization, distillation, paper chromatography, sublimation, centrifugation and coagulation. • Classify mixtures as solutions, suspensions, or colloids based on their properties • Explain the scientific principles behind different separation techniques • Apply the knowledge of homogeneous and heterogeneous mixtures in daily life • Define and calculate the concentration of solutions using mass by mass percentage, mass by volume percentage, volume by volume percentage • Analyze graphs of solubility and explain how the solubility of substances changes with temperature • Use scientific conventions and standard units to express concentrations • Handle common laboratory chemicals and apparatus safely • Relate separation techniques with practices

		<p>Chapter:1 Exploration- Entering the World of Secondary Science</p> <p>Chapter:4 Describing Motion Around Us</p>	<p>Importance of curiosity, observation and asking questions which are fundamental to understanding science and discovering new things.</p> <ul style="list-style-type: none"> • Motion — displacement, velocity, acceleration • Graphical representation of motion for an object moving in a straight line in one direction (with constant velocity, and constant acceleration) • Kinematic equations for motion in a straight line with constant acceleration (by graphical method) • Elementary idea of uniform circular motion <p>Activities-</p> <ol style="list-style-type: none"> 1. Uniform and non-uniform motion. 2. Circular motion. 	<p>3) Performing different reactions and classifying them as physical or chemical changes.</p>	<p>observed in the local environment</p> <ul style="list-style-type: none"> • Draw labelled diagrams of separation techniques. • Focus on conceptual clarity over rote memorization • Engage in hands-on activities to understand theoretical concepts better • Differentiate between distance travelled and displacement, and speed and velocity for objects moving in a straight line • Define displacement, velocity, acceleration, and uniform circular motion • Express displacement, velocity, acceleration in appropriate SI units • Plot and interpret position-time graphs and velocity-time graphs to describe the motion of an object moving in a straight line in one direction (with constant velocity and constant acceleration) • Calculate average velocity from position-time graph, displacement and average acceleration from velocity-time graph • Derive kinematic equations for motion in a straight line with constant acceleration by graphical method • Calculate values of unknown physical quantities from the given physical quantities, using
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					<p>kinematic equations.</p> <ul style="list-style-type: none"> • Derive the expression of speed for uniform circular motion
2.	MAY	<p>Chapter:2 Cell: The Building Block of Life</p>	<ul style="list-style-type: none"> • Discovery of cell • Plant and animal cells • Prokaryotic and eukaryotic cells • Cell as a structural and functional unit of life; structure and function of key organelles (nucleus, mitochondria, chloroplast, endoplasmic reticulum, vacuoles, plasma membrane, cell wall) • Permeability of cell membranes • Cellular division and cancer • Recent advancement in cell biology <p>Activity: Study of compound microscope</p>	<p>4) Preparation of temporary mounts of (a) onion peel, (b) human cheek cells & record observations and draw their labelled diagrams</p>	<ul style="list-style-type: none"> • Differentiate between plant and animal cell, prokaryote and eukaryote • Describe the structural and functional features of cells • Explain the role of cells in the structure and functions of organisms • Explain activities inside the cell and its interactions with the environment • Demonstrate osmosis in cells • Prepare slides to observe cell structure • Differentiate between diffusion and osmosis • Explain the role of cell division mitosis and meiosis in creating similarities and variations. • Identify and describe the role of biomolecules in the structure and function of cell.
3.	JULY	<p>Chapter:6 How Forces Affect motion</p>	<ul style="list-style-type: none"> • Force; balanced and unbalanced forces • Force of friction • Newton's first law of 	<p>5) Determination of the melting point of ice and the boiling point of water.</p>	<ul style="list-style-type: none"> • Explain that force has magnitude as well as direction • Identify situations in which balanced and unbalanced forces are acting on an object

			<p>motion</p> <ul style="list-style-type: none"> • Newton's second law of motion <p>Newton's third law of motion</p> <p>Activity: Activity (6.2) based on inertia.</p>		<ul style="list-style-type: none"> • Explain the role of friction on the motion of objects • Recognise that for an object moving with constant velocity, the net force is zero, whereas a change in velocity (acceleration) is caused by a force • State and explain Newton's first law of motion • State and explain Newton's second law in terms of mass and acceleration
4.	AUGUST	Chapter:3 Tissues In Action	<ul style="list-style-type: none"> • Tissues: Introduction and importance • Level of organization in the living organisms • Plant and animal tissues • Types of plant tissues • Meristematic tissues (types and function of each) • Permanent tissues (types, structure and function of each) • Animal tissues • Overview (epithelial, connective, muscular and nervous tissues — types, structure and function of each) <p>Activities:</p> <ol style="list-style-type: none"> 1. Slides of different tissues 2. Identify and study plant and 	6) Identification of Parenchyma, Collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibers and nerve cells in animals from prepared slides. Draw their labelled diagrams.	<ul style="list-style-type: none"> • Differentiate between plant and animal tissues; meristematic and permanent tissues; simple and complex tissues; parenchyma, collenchyma and sclerenchyma; xylem and phloem; striated smooth and cardiac muscles; • Different types of joints • Relate the structure of the different types of tissues with their functions • Explain the role of various types of tissues in plants and animals • Describe the level of organization in a multicellular organism • Establish the correlation between different tissues for fitness, for example, role of muscles, cartilage and bones in facilitating movement

		<p>animal tissues 3. Study of plant specimens.</p> <p>Chapter:7 Work, energy and simple machines</p> <ul style="list-style-type: none"> • Concept of work; work done by a constant force • Work-Energy theorem • Mechanical energy, kinetic and potential energy, and conversion between potential energy and kinetic energy • Conservation of energy • Power • Simple machines and their mechanical advantage (pulley, inclined plane, lever) <p>Activity: Activity (7.4) based on positive and negative work(inference). Activity (7.9) with a slinky to show potential energy</p>		<ul style="list-style-type: none"> • Define work done by a constant force and its SI unit • Calculate work done by a force using mathematical expression • State work-energy theorem • Explain the concept of energy and state its SI unit • Name forms of energy and identify their interconversion in surroundings (elementary idea) • Define kinetic energy of a moving object and derive its mathematical expression • Define potential energy for an object raised to a height and derive its mathematical expression • Calculate kinetic and potential energy using mathematical expressions • Explain conversion between potential energy and kinetic energy (for the case of an object under free fall) • State the law of conservation of energy • Define power and its unit • Calculate power using its mathematical expression <p>Identify different simple machines (pulley, inclined plane and lever)</p>
5.	SEPTEMBER		REVISION	

6.	OCTO BER	Chapter:10 Sound waves	<ul style="list-style-type: none"> • Production of sound • Propagation of sound (as a longitudinal wave through a medium) • Graphical representation of sound wave • Characteristics of sound wave (wavelength, frequency, time period, amplitude, intensity, speed) • Human perception of sound (pitch, loudness) • Propagation of sound in different media (solid, liquid) • Reflection of sound (echo, reverberation), echolocation. <p>Activities:</p> <ol style="list-style-type: none"> 1. With a tuning fork to demonstrate production of sound. (observation) 2. Using slinky to demonstrate longitudinal waves (demonstration). 3. To demonstrate movement of air from high pressure to low pressure. 	<p>7) Verification of the Laws of reflection of sound.</p> <p>8) Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring)</p>	<ul style="list-style-type: none"> • Demonstrate the production of sound in multiple ways (through vibration of strings, membranes, air columns) using materials in surroundings • Explain that sound is produced by vibrations • Demonstrate that sound can travel through different mediums (air, solid and liquid) • Describe that sound needs a medium for propagation • Explain that sound travels as a longitudinal wave • Describe the characteristics of sound waves the (wavelength, frequency, time period, amplitude, intensity and speed) • Analyze graphs representing sound • Write relationship between time period and frequency of sound wave • Derive mathematical expression for speed of sound • Calculate speed of sound using its mathematical expression • Explain human perception of sound in terms of audible range, loudness and pitch of sound • Describe reflection of sound, and apply it to echo and reverberations in surroundings • Explain the use of sound waves for echolocation • Describe music in terms of characteristics of sound waves, such as loudness and pitch
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		<p>Chapter:11 Reproduction: How life Continues.</p>	<ul style="list-style-type: none"> • Introduction to different forms of reproduction — sexual and asexual • Types of asexual reproduction with examples • Sexual reproduction in flowering plants (flower and its parts, pollination, fertilization, seed dispersal) • Sexual reproduction in humans: male and female reproductive systems (structure and function, formation of gametes, sperm and egg, fertilisation, pregnancy and development of embryo, menstrual cycle) • Reproductive health and hygiene 		<ul style="list-style-type: none"> • Analyse the interactions between members of different groups of organisms, such as plants and pollinators • Compare asexual and sexual reproduction • Describe male and female reproductive organs in plants and animals • Differentiate between ovule and seed; ovary and fruit • Explain pollination and fertilization • Explain how variations are introduced by sexual reproduction • Identify and explain the role of biotic and abiotic agents in seed dispersal and pollination • Illustrate the structure of male and female reproductive units or systems in plants and animals • Recognise the significance of contraceptive devices for population control and health including reproductive health
7.	NOVE MBER	<p>Chapter:12 Patterns in Life: Diversity and Classification</p>	<ul style="list-style-type: none"> • Importance of classification • Five kingdoms and their key features with examples • Major division of animals and plants • Binomial nomenclature • Acellular entities: viruses 		<ul style="list-style-type: none"> • Distinguish organisms based on certain characteristics, such as number of cells present, cellular organization and mode of nutrition • Classify various organisms in groups, such as five kingdoms, on the basis of their cellular organization and ecological role • Describe the significance and rules of binomial nomenclature • Apply binomial nomenclature on some common organisms in their surroundings.

		<p>Chapter:13 Earth as a System: Energy, matter and life</p>	<ul style="list-style-type: none"> • Earth as interconnected system • Nature of solar energy: solar radiation, electromagnetic spectrum, and speed of light • Solar energy interaction with the Earth's Surface and differential heating of the Earth (the role of the atmosphere and the Earth's surface) • Differential warming of the Earth causes winds • Biogeochemical cycles (water cycle, carbon cycle, nitrogen cycle, oxygen cycle) • Human impact on Earth's system. 		<ul style="list-style-type: none"> • Analyze the interactions between members of different groups of organisms, such as lichens • Discuss ecological role of diverse organisms. • Explain the interconnectedness between different spheres of the Earth (biosphere, geosphere, hydrosphere, cryosphere and atmosphere) • Explain the nature of solar radiation • Explain how heat from the Sun warms the Earth's surface differently based on the shape, latitude and tilt of the Earth • Describe how the latitude and tilt of the Earth, and absorption and reflection of solar radiation by different surfaces cause differential heating of the Earth's surface • Identify various components of the Earth that interact with solar energy • Explain the role of the atmosphere in influencing weather and climate on the Earth • Describe how elements like carbon, nitrogen, oxygen and water are recycled between biotic and abiotic environments.
8.	DECEMBER	<p>Chapter:8 Journey inside the Atom</p>	<ul style="list-style-type: none"> • Law of constant proportion • Dalton's Atomic theory • Molecules of elements, Molecules of covalent compounds and their 	9) Verify law of conservation of mass in a chemical reaction.	<ul style="list-style-type: none"> • Differentiate between chemical species based on their properties or characteristics, such as atoms and molecules, elements and compounds, ionic and covalent compounds, cations and anions, formula unit mass and molecular mass

			properties • Ionic compounds and their properties Activity: Based on electronic configuration.		• Plan and demonstrate activities to observe and verify the law of conservation of mass • Explain the Dalton's atomic theory, the law of conservation of mass, the law of constant proportions, and formation of ionic and covalent compound.
9.	JANUARY	Chapter:9 Atomic Foundations of matter	• Writing chemical formulae • Molecular mass Formula unit mass Ions,		• Calculate the charge on an ion, valency from the atomic number, the molecular and formula unit mass • Use scientific conventions, symbols, and valency to write the chemical formulae of simple compounds • Display awareness about the scientific discoveries, such as the contributions of Antoine Lavoisier, Joseph Proust, and John Dalton • Handle common laboratory chemicals and apparatus safely • Draw diagrams of electron dot structures of atoms and molecules
10.	FEBRUARY		REVISION		

Syllabus (2026-27)

Subject : Social Science

MONTHS	HISTORY	GEOGRAPHY	POLITICAL SCIENCE	ECONOMICS	LEARNING OBJECTIVES
		BOOK PART -1			
APRIL		Ch-2 Shaping of the Earth's Surface	Ch-6 Democracy		<p>Ch-2 Shaping of the Earth's Surface</p> <ol style="list-style-type: none"> Describe the concept of plate tectonics and analyse its relevance in understanding Earth's dynamics. Identify major landforms and explain the processes involved in their formation. <p>Ch-6 Democracy</p> <ol style="list-style-type: none"> Understand the features of democracy. Appreciate early democratic traditions in India and how they influenced modern democracy.
MAY- JUNE	Ch-4 Early Humans and Beginning of Civilisation			Ch-8 Building Blocks in Economics	<p>Ch-4 Early Humans and Beginning of Civilisation</p> <ol style="list-style-type: none"> Explain how humans lived before the invention of writing • Understand the beginning of the settled life with development of agriculture, and domestication of plants and animals. <p>Ch-8 Building Blocks in Economics</p>

					<p>1.Explain the meaning of scarcity, choice, and opportunity cost in everyday life, and economic decision-making.</p> <p>2.Recognise how economic analysis helps in policy-making and solving real-world issues.</p>
JULY		Ch-3 Atmosphere and Climate	Ch-7 Elections		<p>Ch-3Atmosphere and Climate</p> <p>1.Explain the different atmospheric layers and represent them using sketches and diagrams.</p> <p>2.Observe and analyse local winds and their impact.</p> <p>Ch-7 Elections</p> <p>1. Identify the role and functions Election Commission of India (ECI) in the electoral process. 2. Explain constituency, electoral roll, enumerator.</p>
AUGUST	Ch-5 State and Society (upto 1000 CE)			Ch-9 The Price Puzzle: What Drives the Market	<p>Ch-5State and Society (upto 1000 CE)</p> <p>1.Understand the knowledge traditions and practices of India.</p> <p>2.Understand the foundations of the Indian social and political institutions and their continuity.</p> <p>Ch-9The Price Puzzle: What Drives the Market</p> <p>1.Interpret how</p>

					changes in price affect the quantity demanded and quantity supplied of goods and services. 2. Identify the equilibrium price and quantity where demand and supply intersect.
SEPTEMBER		REVISION			

MONTHS	HISTORY	GEOGRAPHY	POLITICAL SCIENCE	ECONOMICS	LEARNING OBJECTIVES
		BOOK PART-2			
OCTOBER		Ch-1 Oceans and Life	Ch-5 Authority		Ch-1 Oceans and Life 1. Understand the importance of marine resources for human livelihoods and ecosystems. 2. Examine the relationship between oceans, climate, livelihoods, and natural disasters. Ch-5 Authority

					<p>1.Explain the roots of authority in Indian political thought.</p> <p>2.Interpret the relationship between Danda (discipline/force) and Nyaya (justice) as the twin foundations of authority, development, and security.</p>
NOVEMBER	Ch- 3 Resistance and Resilience (1000 CE–1700 CE)			Ch-6 From Ideas to Startups	<p>Ch-3 Resistance and Resilience (1000 CE–1700 CE)</p> <p>1.Appreciate how diverse communities and regions shaped India’s history from 1000 CE to 1700CE.</p> <p>2.Explore how regional kingdoms adapted to changing political, economic, and cultural contexts over time.</p> <p>Ch-6 From Ideas to Startups</p> <p>1.Define entrepreneurship and explain its importance in innovation, job creation, and economic growth. •</p>

					2.Understand the key resources for business.
DECEMBER		Ch-2 Life on Earth			Ch-2 Life on Earth 1. Identify the major biomes of the world and describe their key climatic conditions, characteristic flora, and fauna. 2. Locate biosphere reserves on the map of India.
JANUARY	Ch-4 India and the World-I (1900 BCE-1200 CE)			Ch-7 Smart Ways to Manage Your Finances	Ch-4 India and the World-I (1900 BCE-1200 CE) 1. Explore India's relations with early civilisations of the world. 2. Identify the major articles of trade and the major trading ports. Ch-7 Smart Ways to 1. Manage Your Finances Recognise how managing income, spending, saving, and investment helps achieve financial

					stability and long-term goals. 2. Explain the difference between simple interest and compound interest.
FEBRUARY		REVISION			

Note: Subject to change after the release of the book by NCERT

Syllabus (2026-27)
CLASS IX
Subject : Marketing and Sales

MONTHS	NAME OF THE CHAPTER / UNIT	TOPICS	LEARNING OBJECTIVES
MAY	Unit 1- Introduction to Marketing and Sales	What is Marketing Importance of Marketing Concepts of utility	Discuss the concepts of marketing management. Explain the importance of marketing in business. Describe the importance of selling function in closing a sale. Explain the functions to sell a product/ service.
JULY	Unit 1- Introduction to Marketing and Sales Unit 2- Concept of Market PROJECT	What is Sales? Role of Sales business What is market Type of Markets Types of demand Competition- direct and indirect INTRODUCTION	Describe the importance of selling function in closing a sale. Explain the functions to sell a product/ service. Define the meaning of concept market. Appreciate the importance of exchange. Describe the needs of innovation and importance of research in a competitive e-market. Distinguish between tangible services and intangible services. Describe the features of service market.
AUGUST	Unit 3 - Basic Concept of Sales and Selling	What is selling? Types of selling Functions of Sales person	Describe the concept of Selling. Discuss the importance of acquiring selling skills. Explain the various types of Selling. Identify the various types of Selling tasks.

	Communication Skills	Introduction to Communication Elements of Communication Cycle Perspectives in Communication Basic Writing Skills	Focus on understanding how to effectively exchange information.
SEPTEMBER			REVISION OF MID TERM SYLLABUS
OCTOBER	Unit 3 - Basic Concept of Sales and Selling Unit 4 - Understanding customer & consumer	Types of sales- Sales agency, Agent, Service, missionary Selling means buying – consumer & customer Factors affecting buying Buying motivations	Appreciate the role and importance of Selling intermediaries. Classify the various intermediaries. Differentiate between different intermediaries according to their functions. Know the meaning of customer and the consumer. Distinguish between customer and consumer and inter relationship. List the types of customer and consumers and understand the key differences between these two. Discuss the meaning and understand the importance of buyer's behaviour. Understand consumer's motivation to buying behaviour.
	PROJECT	REVIEW	
NOVEMBER	Unit 4 - Understanding customer & consumer	Business customer & consumers- Types of consumers	Classify the needs of consumers. Describe the various factors that influence buyer's behaviour.

	<p>Self-Management Skills</p> <p>ICT Skills</p>	<p>Differences between business and individual buyer</p> <p>Self-Motivation Positive Thinking Personal Hygiene & Grooming</p> <p>Introduction to ICT Computer Operations Basic File Management</p>	<p>Develop personal habits that enhance workplace productivity.</p> <p>Explain fundamental computer skills used in the modern workplace.</p>
DECEMBER	<p>Unit 5- Activities in Sales and Marketing</p> <p>Entrepreneurial Skills</p>	<p>Sales tasks – order taking, delivery, processing Money collection, daily sales report Role of marketing professional Role of sales professional</p> <p>Concept of Entrepreneurship Entrepreneur vs. Manager</p>	<p>Understand various tasks and activities related to sales. comprehend order getting and order taking. Learn about step-wise progress of order processing. Differentiate between selling activities and non-selling activities in sales and marketing. Know about various cash collection methods. Learn to prepare daily sales report. Differentiate between the role of marketers and the role of sales professional. Explain the meaning of certain keywords used in sales.</p> <p>Introduce the mindset and qualities required to start and manage small ventures.</p>

		Myths about Entrepreneurship	
	PROJECT	COMPLETION	
JANUARY	Green Skills	Society and Environment Green Economy Role of an individual	Highlight the importance of sustainability and eco-friendly practices. REVISION OF ANNUAL TERM SYLLABUS

Syllabus (2026-27)

Subject : Computer Applications (165)

Month	Unit/Topic	Sub Topic	Learning Outcomes	Project/Activity
APRIL	Unit 1: Basics of Information Technology	Computer Systems, CPU, Memory, Storage Devices	<ul style="list-style-type: none">• Identify the basic characteristics and components of a computer system.• Differentiate between primary and secondary memory.• Recognize various storage devices and their uses.	Prepare a chart/model showing different components of a computer system and storage devices.
MAY	Unit 1: Basics of Information Technology	I/O Devices, Software, Networking, Multimedia	<ul style="list-style-type: none">• Differentiate between system software and application software.• Explain different types of computer networks.• Identify multimedia elements and communication technologies.	Create a presentation on different networking types and multimedia applications.
JULY	Unit 3: Office Tools	Introduction to Word Processor	<ul style="list-style-type: none">• Create, edit, save, and format documents.• Apply text formatting and paragraph formatting features.• Use headers, footers, spell check, and page numbering.	Design a formatted school newsletter using MS Word.
AUGUST	Unit 3: Office Tools	Advanced Word Processing	<ul style="list-style-type: none">• Insert tables, pictures, symbols, and shapes in documents.	Create a project report with tables, images, borders, and review comments.

			<ul style="list-style-type: none"> • Apply auto-formatting and track changes. • Use drawing tools and mathematical symbols effectively. 	
SEPTEMBER	Practical Examination	MS Word Practical	<ul style="list-style-type: none"> • Demonstrate proficiency in word processing tools. • Apply formatting and editing skills independently. 	Hands-on practical assessment based on MS Word.
OCTOBER	Unit 3: Office Tools	Presentation Tool	<ul style="list-style-type: none"> • Create and manage slide presentations. • Insert animations, sound effects, and images. • Use different slide layouts and presentation views. 	Develop a PowerPoint presentation on Digital India or Cyber Safety.
NOVEMBER	Unit 3: Office Tools	Spreadsheets Basics	<ul style="list-style-type: none"> • Create and save worksheets and workbooks. • Enter and format data in spreadsheets. • Use formulas and autofill features. 	Prepare a student marksheet using spreadsheet formulas and formatting tools.
DECEMBER	Unit 3: Office Tools	Spreadsheet Functions and Charts	<ul style="list-style-type: none"> • Apply statistical functions like SUM, AVERAGE, MAX, MIN, and IF. • Create different types of charts in spreadsheets. • Analyze data using spreadsheet tools. 	Create a sales analysis sheet with charts and formulas.
JANUARY	Unit 2: Cyber Safety	Cyber Safety and Malware	<ul style="list-style-type: none"> • Practice safe browsing and password protection. • Explain cyber safety 	Design a cyber safety awareness poster or brochure.

			measures and cyber crimes. • Identify different types of malware.	
FEBRUARY	Revision & Practical Examination	MS PowerPoint and Excel	• Revise concepts of presentation and spreadsheet tools. • Demonstrate practical skills in PowerPoint and Excel.	Complete revision worksheets and practical assignments.

Syllabus (2026-27)
Subject : Painting (049)

Month	Theory	Practical	Learning Outcomes
May	<p>Chapter-1 Fundamentals of painting-The elements of art, 1. Point 2. Line 3. Shape and Form 4. Colour (Primary, Secondary, Tertiary) 5. Texture 6. Space</p> <p>Chapter-2 Principles of Art- 1.Six Limbs of art (Rupa Bheda, Pramanam, Bhava, Lavanya Yojanam, Sadrisyam, Varnika Bhanga)</p>	<p>Study of Simple Objects Drawing with pencil shading.</p> <p>Drawing-Vegetables, fruits & Foliage</p>	<p>Theory- Students will identify the core elements of art — point, line, shape, colour, texture, and space — and connect them to the Six Limbs of Indian aesthetic tradition.</p> <p>Practical: Students will apply pencil shading techniques to render simple objects, vegetables, fruits, and foliage with observational accuracy.</p>

<p>July</p>	<p>Chapter-2 Principles of Art- 1. Balance 2. Emphasis 3. Rhythm/ Movement 4. Proportion 5. Variety 6. Harmony/Unity Chapter-3 Methods and Materials of Paintings- (Understanding and Appropriate use of tools) 1. Pencil 2, Charcoal 3. Erasers 4. Brushes for Painting 5. Palettes 6. Paper (New Sprint Paper, Cartridge Paper, Water Colour Paper, Pastel Paper, Handmade Paper, Ivory Sheet)</p>	<p>Outdoor Study-Nature, Foliage (Pencil shading and Water colour) Fruits, Vegetables, Abstract Landscape Painting Simple Compositions based on Folk Art such as Madhubani, Warli, Alpana, Rangoli</p>	<p>Theory- Students will classify the principles of art such as balance, rhythm, and harmony, and select appropriate tools and surfaces for varied painting tasks. Practical: Students will produce outdoor nature studies and folk art compositions inspired by Madhubani, Warli, Alpana, and Rangoli traditions.</p>
<p>August</p>	<p>Chapter-4&5 Understanding and Appropriate use of Painting Materials- 1. Pencil Colours 2. Oil Pastels 3. Poster Colours 4. Water Colours 5. Transparent and Opaque Colours its Techniques</p>	<p>Still Life- Drapery and Simple Objects of Daily Use with Water Colour, Poster Colour, Oil Pastel</p>	<p>Theory- Students will differentiate between transparent and opaque colour mediums and explain the appropriate contexts for each. Practical: Students will experiment with watercolour, poster colour, and oil pastel through drapery and everyday object still life studies.</p>

<p>Sept.</p>	<p>Chapter-6 Transparent and Opaque Colours its Techniques- 1. Blending 2. Stippling 3. Hatching 4. Random Hatching Chapter-6 Water Colours Techniques- 1. Wash Technique 2. Wet on Dry Technique 3. Wet into Wet Technique 4. Preserving the whites Technique 5. Layering Technique 6. Glazing Technique 7. Dry Brush Work</p>	<p>Figurative Composition- Fruits Seller, Vegetable Seller, Park seen,</p>	<p>Theory- Students will compare watercolour techniques — including wash, wet-on-wet, glazing, stippling, and hatching — and assess their distinct visual outcomes. Practical: Students will compose figurative scenes of everyday subjects, demonstrating growing control over chosen mediums.</p>
<p>Oct.</p>	<p>Chapter-6 Paintings- 1. Wizard’s Dance (Bhimbethaka) Sculpture- 1. Yaksha-Yakshi at RBI New Delhi (Made by Ramkinkar Vaij)</p>	<p>1. Sketching from Nature and Imagination 2. Still Life Study 3. Painting Composition</p>	<p>Theory- Students will interpret the cultural and historical significance of the Bhimbetka cave painting and evaluate Ramkinkar Baij's Yaksha-Yakshi as a landmark in modern Indian sculpture. Practical: Students will develop sketching confidence through nature, imagination, still life, and structured compositional exercises.</p>
<p>Nov.</p>	<p>Chapter-6 Architecture- 1. Sun Temple (Konark, Odisha) 2. Painting- Floor Decoration</p>	<p>1. Sketching from Nature and Imagination 2. Still Life Study, Drapery Study</p>	<p>Theory- Students will examine the architectural grandeur of the Konark Sun Temple and recognise floor decoration as a living art tradition. Practical: Students will integrate drapery study with imaginative sketching to expand their expressive and observational range.</p>

Dec.	Chapter-6 Indian Folk Art- Alpana, Rangoli and Mandala	1. Painting Composition Theme Based, 2. Flower vase painting	Theory- Students will categorise the visual patterns and ritual functions of Alpana, Rangoli, and Mandala as distinct Indian folk art forms. Practical: Students will design theme-based compositions and flower vase paintings that reflect personal creative interpretation.
Jan.	Still life with oil pastel, any object drawing in colour	1. Painting with imagination 2. Outdoor study in water colour	Theory- Students will demonstrate understanding of colour relationships by analysing their application in oil pastel still life and object drawing. Practical: Students will generate imaginative paintings and outdoor watercolour studies with greater independence and fluency.
Feb.	Revision Work	Practice	Theory- Students will synthesise knowledge across all chapters through comprehensive revision in preparation for the final examination. Practical: Students will refine practical skills through sustained practice to achieve assessment readiness.

पाठ्यक्रम (2026-27)

कक्षा-नवीं

विषय-हिन्दी

माह/दिन	गद्य	पद्य	व्याकरण	लेखन कौशल	अधिगम उद्देश्य
अप्रैल	1. दो बैलों की कथा (प्रेमचंद की सामान्य जानकारी और उनकी रचनाएँ)	1.पद (भक्तिकाल के किन्हीं तीन कवियों के चित्र लगाकर कोलाज बनाएँ और रैदास का सामान्य परिचय लिखें।)	1.उपसर्ग-परिभाषा, नवीन शब्दों का निर्माण 2.संज्ञा एवं भेद	1.संवाद 2.अनुच्छेद 3.चित्र-वर्णन 4.पत्र-लेखन (परिचर्चा, प्रारूप, प्रकार, बधाई पत्र,	<ul style="list-style-type: none"> ● शब्द की शक्तियों की पहचान कराना। ● स्वतंत्रता का महत्व और पशुओं के प्रति संवेदनशीलता का भाव जागृत करना। ● भक्ति और समर्पण की भावना पैदा करना। ● भक्त और भगवान का संबंध समझना। ● नवीन शब्द निर्माण में कुशल बनाना। ● संज्ञा के भेदों से परिचित कराना। ● मौलिक अभिव्यक्ति में सक्षम बनाना। ● कल्पना शक्ति का विकास करना। ● पत्र के शुद्ध प्रारूप से अवगत कराना।
मई	2. क्या लिखूँ?		1.भाववाचक संज्ञा शब्द निर्माण तथा जातिवाचक का व्यक्तिवाचक में/व्यक्तिवाचक का जाति वाचक में परिवर्तन 2.प्रत्यय-परिभाषा, नवीन शब्दों का निर्माण 3.मुहावरे	1.निमंत्रण पत्र 2.अपठित गद्यांश	<ul style="list-style-type: none"> ● लेखन कला में कुशल बनाना। ● संज्ञा की जानकारी देना। ● नवीन शब्द रचना से परिचित कराना। ● रचनात्मकता और स्व- अभिव्यक्ति की क्षमता का विकास करना। ● पत्र द्वारा आत्मीयता की अनुभूति कराना।
जुलाई	3. संवादहीन	2. राम-परशुराम-लक्ष्मण संवाद	1सर्वनाम-परिभाषा भेद, उदाहरण	1.अनुच्छेद 2.श्रवण-कौशल	<ul style="list-style-type: none"> ● परस्पर संवाद के लिए प्रेरित करना।

		(पुराणों के अनुसार इनके प्रसिद्ध धनुषों के नाम लिखिए- श्री राम, शिव, विष्णु, अर्जुन)	2.निपात 3.समानार्थी शब्द		<ul style="list-style-type: none"> ● मूल्यों का विकास तथा भावनात्मक नियंत्रण में कुशल बनाना। ● वाक्य में सर्वनाम शब्दों की पहचान कराना। ● निपात की आवश्यकता से परिचित कराना। ● शब्द भंडार में वृद्धि करना।
अगस्त	4. ऐसी भी बातें होती हैं..... (लता मंगेशकर का सचित्र परिचय तथा उनके गाए किसी गीत का समूह में गायन) 5. रीढ़ की हड्डी (भाषण गतिविधि- नारी शक्ति)		1.समानार्थी 2.मुहावरे 3.विराम चिह्न- (।, ! ? “...” ^ 0)	1.अनुच्छेद 2.संवाद 3.चित्र-वर्णन 4.पत्र-(संवेदना पत्र और धन्यवाद) 5.अपठित गद्यांश	<ul style="list-style-type: none"> ● साक्षात्कार शैली से परिचित कराना। ● स्त्री-शिक्षा का समर्थन, स्त्री-पुरुष समानता और रुढ़िवादी सोच पर प्रहार आदि के माध्यम से वर्तमान सोच से अवगत कराना। ● मुहावरों के प्रयोग में कुशल बनाना। ● वाक्य में विराम चिह्नों का उचित प्रयोग बताना। ● रचनात्मक कौशल विकसित करना। ● कल्पना शक्ति विकसित करना। ● संवेदनाओं को समझना <p>मध्यावधि परीक्षा पाठ्यक्रम पुनरावृत्ति</p>
सितंबर		3. झाँसी की रानी (परियोजना कार्य:- कविता, कवयित्री, रानी की जानकारी)			<ul style="list-style-type: none"> ● ऐतिहासिक उदाहरण द्वारा भारतीय नारी की वीरता और शौर्य के दर्शन कराना
अक्टूबर	6. आखिरी चट्टान तक	4. भारत, जय, विजय करे (देशभक्ति पर आधारित पोस्टर बनाकर कविता लेखन कीजिए।)	1.उपसर्ग 2.प्रत्यय 3.समानार्थी	1.अनुच्छेद- देशभक्ति पर आधारित	<ul style="list-style-type: none"> ● छात्रों को भारत के भौगोलिक, सांस्कृतिक और भावनात्मक परिदृश्य से परिचित कराना ● शब्द भंडार में वृद्धि करना। ● देशभक्ति की भावना विकसित करना। ● एकता की भावना जागृत करना।

नवंबर		5. घर की याद	1.विराम चिह्न (संपूर्ण) 2.संज्ञा अभ्यास कार्य 3.सर्वनाम अभ्यास कार्य 4.निपात	1.पत्र-संवेदना, धन्यवाद पत्र 2.संवाद 3.चित्र 4.अनुच्छेद 5.श्रवण कौशल	<ul style="list-style-type: none"> ● पारिवारिक संवेदनाओं की समझ विकसित करना। ● विराम चिह्नों की विस्तृत जानकारी देना। ● शब्द निर्माण और भाषा की संरचना की समझ विकसित करना। ● आत्म-अभिव्यक्ति, विचारों में सकारात्मकता के गुण उत्पन्न करना
दिसंबर	7. मैं ओर मेरा देश (भारत मेरी दृष्टि में: किसी एक पर्यटन स्थल पर विवरणिका तैयार कीजिए।)		1.मुहावरे 2.समानार्थी 3.अभ्यास पत्र (साहित्य पर आधारित)	1.चित्र वर्णन 2.अनुच्छेद 3.अनौपचारिक-पत्र 4.अपठित गद्यांश 5.संवाद	<ul style="list-style-type: none"> ● राष्ट्र प्रेम और आत्म सम्मान की भावना जगाना ● कर्तव्यों का बोध कराना, स्वतंत्रता और स्वच्छंदता में अंतर से परिचित कराना। ● नवीन शब्दों से परिचित कराना। ● अनुच्छेद और लेखन कौशल में अभिव्यक्ति क्षमता विकसित करना।
जनवरी	8. निर्मलजीत सिंह सेखों (केवल पठन हेतु) (अपठित गद्यांश के रूप में पाठ का प्रयोग)	6. तब याद तुम्हारी आती है (केवल पठन हेतु)	1.मुहावरे 2.संज्ञा-भाववाचक संज्ञा शब्द निर्माण 3.सर्वनाम-अंतर (अनिश्चयवाचक/प्रश्नवाचक में मध्यमपुरुष वाचक/निजवाचक में) 4.उपसर्ग	1.पत्र 2.अनुच्छेद	<ul style="list-style-type: none"> ● देशभक्ति और व्यक्तिगत त्याग के मूल्यों से परिचित कराना। ● भाषा अध्ययन द्वारा विचारों में प्रौढ़ता का विकास करना। ● मुहावरों का वाक्य में प्रभावशाली प्रयोग में कुशल बनाना।
फरवरी					वार्षिक परीक्षा पाठ्यक्रम पुनरावृत्ति

Syllabus (2026-27)

Subject: Artificial Intelligence +Information Technology

Month	Unit	Topics / Sub-topics	Learning Outcomes	Project
April-May	Part B Unit: AI Reflection, Project Cycle and Ethics	<ul style="list-style-type: none"> • Three realms of AI (CV, DS, NLP) • AI Project Cycle Framework • Data modelling & evaluation • Ethical issues, bias & access • Advantages & disadvantages of AI 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand the concept of Artificial Intelligence • Identify domains of AI. Understand and apply the AI Project Cycle • Develop problem-solving skills using AI approach • Understand AI Ethics • Analyze case studies 	<p>Term1-Mini Digital Magazine (OpenOffice Writer)</p> <p>The objective of this project is to create a creative digital magazine using OpenOffice Writer. Students will design a magazine featuring a cover page, table of contents, articles, poems or creative writing, an interview section, and images with captions. They should use features such as font styling, tables, image insertion, page borders, headers and footers, page numbers, and text formatting to enhance the presentation. Through this activity, students will learn to create well-formatted documents, manage images effectively, organize content</p>
July	Part A Unit 3: ICT Skills	<ul style="list-style-type: none"> • Introduction to ICT and common ICT tools (computer, internet, mobile) • Computer system (CPU, memory) Primary operations • Create simple documents (Word/Docs) • Format text (font, size, alignment) 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand basics of ICT • Operate basic computer functions • Use operating system features • Work with digital documents 	

July	Part B Unit: Digital Documentation	<ul style="list-style-type: none"> • Create a document using a word processor • Apply Editing features • Apply formatting features • Create and work with tables • Use Print Options • Understand and apply mail merge 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Create documents using a word processor • Apply editing and formatting features • Create and format tables • Use print options effectively • Understand and perform mail merge operations 	creatively, and design professional-looking pages.
August	Part B Unit: Digital Documentation	<ul style="list-style-type: none"> • Create a document using a word processor • Apply Editing features • Apply formatting features • Create and work with tables • Use Print Options • Understand and apply mail merge 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Create documents using a word processor • Apply editing and formatting features • Create and format tables • Use print options effectively • Understand and perform mail merge operations 	
August	Part A Unit 1: Communication Skills	<ul style="list-style-type: none"> • Methods & importance of communication • Communication Cycle • Factors affecting communication • Basic writing skills 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand the importance of communication • Differentiate types of communication • Develop basic speaking skills 	

			<ul style="list-style-type: none"> • Enhance listening skills • Practice basic writing skills • Apply communication in real-life situations 	
September	Midterm Exams			
October	Part B Unit: Generative AI	<ul style="list-style-type: none"> • Definition & types of Generative AI • Applications of Generative AI • Gen AI vs Conventional AI • Limitations & benefits 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand Generative AI And differentiate it from traditional AI • Identify applications of Generative AI • Explore AI tools • Understand limitations of Generative AI • Practice responsible AI usage 	<p>Term2-Monthly Budget Planner (OpenOffice Calc)</p> <p>The objective of this project is to learn the basics of spreadsheets, including formulas, calculations, formatting, and charts. Students will create an income and expense sheet, a savings tracker, budget calculations using formulas, and a pie chart or bar graph to represent expenses. They should use features such as the SUM formula, cell formatting, borders and colors, charts and graphs, and percentage calculations. Through this activity, students will learn to create spreadsheets, apply formulas and functions, analyze financial data, and represent information effectively using charts and graphs.</p>
October	Part A Unit 2: Self-Management	<ul style="list-style-type: none"> • Meaning of self-management • Self-confidence building • Reflect on personal goals • Build confidence and self-esteem 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand self-management • Develop self-awareness • Practice self-motivation • Develop positive attitude and personality 	
November	Part B Unit: Digital Presentation	<ul style="list-style-type: none"> • Understand features of an effective presentation • Create a presentation • Work with slides • Format text and apply animations 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Identify the features of an effective presentation • Create and manage presentation slides 	

		<ul style="list-style-type: none"> • Create and use tables • Insert and format image in presentation • Work with slide master 	<ul style="list-style-type: none"> • Apply text formatting and animations • Insert and use tables in presentations • Add and format images effectively • Use Slide Master for consistent presentation design 	
December	Part B Unit: Electronic Spreadsheet	<ul style="list-style-type: none"> • Create a Spreadsheet • Apply formula and functions in spreadsheet • Format data in the spreadsheet • Understand and apply Referencing • Create and insert different types of charts in a spreadsheet 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Develop spreadsheets for data entry and calculation • Use basic formulas and functions to analyze data • Enhance worksheets using formatting tools • Differentiate and apply various cell references • Represent data visually through charts and graphs 	
January	Part A Unit 4: Entrepreneurial Skills	<ul style="list-style-type: none"> • Definition of entrepreneur and entrepreneurship and qualities of a successful entrepreneur • Types of businesses • Meaning & characteristics 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand entrepreneurship • Understand basic business concepts • Apply entrepreneurial skills 	

January	Part A Unit 5: Green Skills	<ul style="list-style-type: none"> • Environment & society • Resource conservation • Environmental protection 	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand environmental sustainability • Identify environmental issues • Practice eco-friendly habits • Promote green practices • Develop responsible behaviour 	
February	Annual Examination			