

ANNUAL PEDAGOGICAL PLAN

SESSION 2024-25

STD-IX

Mathematics Curriculum Plan (Session:2024-25) STD IX

Month/Topic	Sub Topic	Miscellaneous
PRIL L-2 Polynomials	1. Introduction by recalling previous knowledge of algebraic Expressions and its type. 2. Definition of a polynomial in one variable, with examples and counterexamples. Coefficients of a polynomial, terms of a polynomial and zero polynomial. 3. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials. 4. Value of polynomial Zeros of polynomials with examples 5. Motivate and State the Remainder Theorem with examples. 6. Division Algorithm and its verification by Long Division method 7. Statement and uses of the Factor Theorem. Factorization of $ax^2+bx+c, a \neq 0$ where a, b and c are real numbers, and of cubic polynomials using the Factor Theorem. 8. Recall of algebraic expressions and identities. Verification of identities: $(x+y+z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx,$ $(x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y), x^3 - y^3$ $= (x-y)(x^2 + xy + y^2), x^3 + y^3 = (x+y)(x^2 - xy + y^2)$ $x^3 + y^3 + z^3 - 3xyz = (x+y+z)(x^2 + y^2 + z^2 - xy - yz - zx)$ and their use in factorization of polynomials.	<ul style="list-style-type: none"> Lab Activity <ol style="list-style-type: none"> Demonstration of Identity $a^2 - b^2 = (a + b)(a - b)$ To verify number of zeros of quadratic and cubic polynomials by graphical method Worksheet <ul style="list-style-type: none"> Polynomials Discussion of Scoring Points/ Marking Scheme/ Sample Questions
APRIL L-12 Heron's Formula	1. Introduction to the topic 2. Area of a triangle using $\frac{1}{2}b \times h$ 3. Area of an equilateral triangle using formula $\frac{\sqrt{3}}{4}a^2$ 4. Area of a triangle using Heron's formula (with proof) and its application in finding the area of a Quadrilaterals	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Areas Discussion of Scoring Points/ Marking Scheme/ Sample Questions
JUNE L-15 Topic: Probability	1. History, Repeated experiments and observed frequency approach to probability. 2. Focus is on empirical probability. (A large amount of time to be devoted to group and individual activities to motivate the concept; the experiments to be drawn from real – life situations, and from examples used in the chapter on statistics).	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Probability Discussion of Scoring Points/ Marking Scheme/ Sample Questions

JUNE L- 6 Topic: Lines and Angles	<ol style="list-style-type: none"> 1. (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse. 2. (Prove) If two lines intersect, vertically opposite angles are equal. 3. (Motivate) Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines. 4. (Motivate) Lines which are parallel to a given line are parallel. 5. (Prove) The sum of the angles of a triangle is 180°. (Motivate) If a side of a triangle is produced, the exterior angle so formed is equal to the sum of the two interior opposite angles.	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ◦ Lines and Angles Discussion of Scoring Points/Marking Scheme/Sample Questions
JULY	PERIODIC TEST-1 CHAPTER – 2, 6, 12	
JULY Topic: Real Number	<ol style="list-style-type: none"> 1. Review of representation of natural numbers, integers, rational numbers on the number line. Representation of terminating / non-terminating recurring decimals on the number line through successive magnification. Rational numbers as recurring/terminating decimals. Operations on real numbers. 2. Examples of non-recurring/non-terminating decimals. Existence of non-rational numbers (irrational numbers) such as $\sqrt{2}$, $\sqrt{3}$ and their representation on the number line. Explaining that every real number is represented by a unique point on the number line and conversely, viz. every point on the number line represents a unique real number. 3. Definition of nth root of a real number. 4. Rationalization (with precise meaning) of real numbers 5. Recall of laws of exponents with integral powers. Rational exponents with positive real bases (to be done by particular cases, allowing learner to arrive at the general laws.) 	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> ◦ Construct a square root spiral and linear. ◦ Quiz on rational and irrational numbers • Assignment <ul style="list-style-type: none"> ◦ Number System Discussion of Scoring Points/Marking Scheme/Sample Questions
AUGUST L- 5 Topic: Introduction to Euclid's Geometry	<ol style="list-style-type: none"> 1. History- Geometry in India and Euclid's geometry. 2. Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/ postulates and theorems. 3. The five postulates of Euclid. Equivalent versions of the fifth postulate. Showing the relationship between axiom and theorem, for example: (Axiom) 1. Given two distinct points, there exists one and only one line through them. (Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common. 	<ul style="list-style-type: none"> • Lab Activity Euclid's Fifth Postulate • Assignment <ul style="list-style-type: none"> ◦ Introduction to Euclid's Geometry • Discussion of Scoring Points/Marking Scheme/Sample Questions

AUGUST L - 7 Topic: Triangles	1. Two triangles are congruent if any two sides and the included angle of one triangle is equal to any two sides and the included angle of the other triangle (SAS Congruence). 2. Two triangles are congruent if any two angles and the included side of one triangle is equal to any two angles and the included side of the other triangle (ASA Congruence). 3. Two triangles are congruent if the three sides of one triangle are equal to the three sides of the other triangle (SSS Congruence). 4. Two right triangles are congruent if the hypotenuse and a side of one triangle are equal (respectively) to the hypotenuse and a side of the other triangle. (RHS Congruence) 5. (Prove) The angles opposite to equal sides of a triangle are equal. 6. (Prove) The sides opposite to equal angles of a triangle are equal. 7. (Prove) The side opposite to a larger angle is longer 8. (Prove) The angle opposite to a longer side is larger 9. (Prove) The sum of any two sides is more than the third side	□ Assignment ○ Triangles Discussion of Scoring Points/Marking Scheme/Sample Questions
SEPTEMBER L -- 4 Topic: Linear equations in two variables	Recall of linear equations in one variable. Introduction to the equation in two variables. Focus on linear equations of the type $ax+by+c=0$. Explain that a linear equation in two variables has infinitely many solutions and justify their being written as ordered pairs of real numbers, plotting them and showing that they lie on a line. Graph of linear equations in two variables. Examples, problems from real life, including problems on Ratio and Proportion and with algebraic and graphical solutions being done simultaneously.	• Lab Activity ○ Verify that two lines intersect each other at a unique point • Assignment ○ Worksheet • Discussion of Scoring Points/Marking Scheme/Sample Questions
SEPTEMBER	TERM-1 Chapter-1, 2, 4, 5, 6, 7, 12 & 15	
OCTOBER L - 8 Topic: Quadrilaterals	1. (Prove) The diagonal divides a parallelogram into two congruent triangles. 2. In a parallelogram opposite sides are equal, and conversely. 3. In a parallelogram opposite angles are equal, and conversely. 4. (Prove) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal. 5. In a parallelogram, the diagonals bisect each other and conversely. 6. (Prove) In a triangle, the line segment joining the midpoints of any two sides is parallel to the third side and is half of it and (motivate) its converse.	• Assignment - Midpoint Theorem - Figure formed by joining midpoints of adjacent sides of a quadrilateral is a parallelogram • Discussion of Scoring Points/Marking Scheme/Sample Questions

OCTOBER L - 14 Topic: Statistics	1. Introduction to Statistics 2. Collection of data, types of data 3. presentation of data—tabular form, ungrouped/ grouped 4. Bar graphs, histograms (with varying base lengths), frequency polygons. 5. Mean, median and mode of ungrouped data.	<input type="checkbox"/> Assignment ○ Statistics <input type="checkbox"/> Discussion of Scoring Points/ • Marking Scheme/Sample Questions
NOVEMBER L - 3 Topic: Coordinate Geometry	1. The Cartesian plane, division of Cartesian plane by X and Y axis 2. Coordinates of a point, names and terms associated with the coordinate plane, notations, 3. Plotting points in the plane.	• Assignment • Coordinate Geometry • To plot the points and to find the area of figure to be obtained. Discussion of Scoring Points/ Marking Scheme/Sample Questions
NOVEMBER and December L - 13 Topic: Surface Areas and Volumes	1. Surface areas and volumes of cubes, cuboids, 2. Surface areas and volumes of right circular cylinders 3. Surface areas and volumes of cones. 4. Surface areas and volumes of spheres (including hemispheres)	Assignment ○ Surface Areas and Volumes <input type="checkbox"/> Discussion of Scoring Points/ Marking Scheme/Sample Questions
DECEMBER	REVISION AND PERIODIC TEST–2 CHAPTER – 3, 8, 13 (only topic 1 & 2), 14	
January L - 10 Topic: Circles	Through examples, arrive at definition of circle and related concepts—radius, circumference, diameter, chord, arc, secant, sector, segment, subtended angle. 1. (Prove) Equal chords of a circle subtend equal angles at the center and (motivate) its converse. 2. (Prove) The perpendicular from the center of a circle to a chord bisects the chord and conversely, the line drawn through the center of a circle to bisect a chord is perpendicular to the chord. 3. (Motivate) There is one and only one circle passing through three given non-collinear points. 4. (Motivate) Equal chords of a circle (or of congruent circles) are equidistant from the center (or their respective centers) and conversely. 5. (Prove) The angles subtended by an arc at the center is double the angles subtended by it at	Assignment ○ Verify that angles in the same segment are equal ○ Angle subtended by an arc at the centre is half the angle subtended at any point in the remaining part ○ Angle in a semicircle is a right angle Assignment ○ Circles Discussion of Scoring Points/ Marking Scheme/Sample Questions

	<p>any point on the remaining part of the circle.</p> <p>6. (Prove) Angles in the same segment of a circle are equal.</p> <p>7. (Motivate) If a line segment joining two points subtends equal angle at two other points lying on the same side of the line containing the segment, the four points lie on a circle. (Motivate) The sum of either of the pair of the opposite angles of a cyclic quadrilateral is 180° and its converse.</p>	
JANUARY L – 9 Topic: Area Of Parallelograms	Review concept of area, recall area of a rectangle. <p>1. (Prove) Parallelograms on the same base and between the same parallels have equal area. (Motivate) Triangles on the same base (or equal bases) and between the same parallels are equal in area.</p>	<ul style="list-style-type: none"> • Lab Activity Two parallelograms on the same base and between same parallels are equal in area • Assignment ○ Area • Discussion of Scoring Points/ Marking Scheme/ Sample Questions
February L – 11 Topic: Constructions	<p>1. Construction of bisectors of line segments</p> <p>2. Construction of angles of measure $60^\circ, 90^\circ, 45^\circ$ etc</p> <p>3. Construction of equilateral triangles.</p> <p>4. Construction of a triangle given its base, sum of the other two sides and one base angle.</p> <p>5. Construction of a triangle given its base difference of the other two sides and one base angle.</p> <p>6. Construction of a triangle of given perimeter and base angles.</p>	<ul style="list-style-type: none"> • Assignment ○ Constructions Discussion of Scoring Points/ Marking Scheme/ Sample Questions
MARCH	ANNUAL EXAMINATION ALL CHAPTERS BLUEPRINT AS PER THE CBSE GUIDELINES	

**Curriculum Plan of Science Session
(2024-25)**

Month Topic	Sub Topic	Audio Visual Inputs	Concept Maps/ Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
April Topic: Matter in our surroundings No. of Periods: 12	Definition of matter; solid, liquid and gas; characteristics- shape, volume, density; change of state- melting (absorption of heat), freezing, evaporation, condensation, sublimation.	Videos to show the difference between three states of matter, latent heat of fusion and vaporisation and sublimation process.	Interdisciplinary Linkage: Maths Diagrams: Fig 1.5, 1.6, 1.7, 1.9. (NCERT) Art Integration: Drawing figure of states of matter, conversion of ice to water, (b) conversion of water to water vapour, sublimation of ammonium chloride, interconversion of the three states of matter.	Determination of the melting point of ice and the boiling point of water	1. Assignment on Matter in our surroundings 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
June Topic: Is matter around us pure? No. of Periods: 15	Nature of matter: Elements, compounds and mixtures, solution, colloids and suspension, Heterogeneous and Homogeneous mixtures.	Videos to show the difference between mixture and compounds, types of solutions, Various techniques to separate components of a mixture.	Interdisciplinary Linkage: Maths, Life Sciences Diagrams: Fig 2.2, 2.3, 2.5, 2.6, 2.7, 2.8, 2.9, 2.10 (NCERT) Art Integration: Drawing figures of Sublimation, evaporation, chromatography, Fractional distillation.	1. Preparation of a) a true solution of common salt, sugar and alum b) a suspension of soil, chalk powder and fine sand in water c) a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of • transparency • filtration criterion • stability 2. Preparation of a) A mixture b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: (i) appearance, i.e., homogeneity and heterogeneity (ii) behaviour towards a magnet	1. Assignment on Is matter around us pure? 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	Sub Topic	Audio Visual Inputs	Concept Maps/Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
				(iii) behaviour towards carbon disulphide as a solvent (iv) effect of heat 3. Separation of the components of a mixture of sand, common salt and ammonium 4. Perform the following reactions and classify them as physical or chemical changes: a) Iron with copper sulphate solution in water b) Burning of magnesium ribbon in air c) Zinc with dilute sulphuric acid d) Heating of copper sulphate crystals e) Sodium sulphate with barium chloride in the form of their solutions in water	
July & August Topic: Atoms & Molecules No. of Periods: 12	Periodic Test- 1				
	Particle nature, basic units: Atoms and molecules. Law of conservation of mass, Law of constant proportion, atomic and molecular masses. Chemical formulae, ions and their types, atomic mass unit and mole concept, Dalton's Atomic theory. Valency, relationship of mole to mass of the particles and numbers.	Videos to Show the different postulates of Dalton Atomic theory, Law of conservation of mass.	Interdisciplinary Linkage: Maths Diagrams: Fig 3.1, 3.5 (NCERT) Art Integration: Drawing the concept map to understand relationship between mole, Avogadro number and mass.	Verification of the Law of Conservation of mass in a chemical reaction.	1. Assignment on Atoms & Molecules 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	Sub Topic	Audio Visual Inputs	Concept Maps / Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
September & October Topic: Structure of Atom No. of Periods: 13	Electrons, protons and neutron, Various models of atoms like (a) Thomson's model of atom (b) Rutherford's model of atom (c) Bohr's model of atom. Electronic configuration, Valency, atomic number, atomic mass and isotopes and isobars.	Videos to show Various model of atoms like (a) Thomson's model of atom (b) Rutherford's model of atom (c) Bohr's model of atom.	Interdisciplinary Linkage: Maths Diagrams: Fig 4.4, 4.2, 4.3, 4.4 (NCERT) Art Integration: Drawing the diagrams of the various atomic models: J.J. Thomson atomic model, Rutherford's Atomic model, Neil Bohr Atomic model.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Structure of Atom 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
April Topic: Cell- The fundamental unit of life. No. of Periods: 10	Cell - 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, chromosome basic structure, number.	Videos to show the difference between Prokaryotic and eukaryotic cells, difference between plants and animal cell.	Diagrams: Fig 5.1, 5.2, 5.3, 5.4, 5.5, 5.6, 5.7, 5.8 (NCERT) Art Integration: Drawing figures of Compound Microscope, Cells of an onion peel, various cells from the human body, Prokaryotic cell, Animal cell, Plant cell, Mitosis and Meiosis.	1. Preparation of stained temporary mount of (a) onion peel, (b) human cheek cells and to record observations and draw their labelled diagrams.	1. Assignment on Cell - The fundamental unit of life. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
June & July Topic: Tissues No. of Periods: 10	Structure and functions of animal and plant tissues (only four types in animals; Meristematic and Permanent tissues in plants).	Videos to show different types of tissue i.e., simple and complex tissue.	Mind Maps: Concept map to show the different type of tissues. Diagrams: Fig 6.2, 6.3, 6.4, 6.7, 6.8, 6.9, 6.10, 6.11, 6.12 (NCERT) Art Integration: Drawing the diagrams Neuron, Location of meristematic tissue in plant body, Section of stem, Various types of simple tissue (Parenchyma, Collenchyma and Sclerenchyma), types of complex tissue, different types of epithelial tissues.	Identification of Parenchyma, collenchyma and Sclerenchyma tissues in plants, striped, smooth and cardiac muscle fibres and nerve cells in animals, from prepared slides. Draw their labelled diagrams.	1. Assignment on Tissues. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	SubTopic	Audio Visual Inputs	ConceptMaps/Diagrams/ InterdisciplinaryLinkages/Art Integration	Practical	Assignment/ Discussion
August &September Topic: Diversityin living organisms No. of Periods: 15	Diversity of plants and animals-basic issues in scientificnaming,basisof classification. Hierarchy of categories /groups. Major groups of plants (salient features) (Bacteria, Thallophyta, Bryophyta, Pteridophyta, Gymnosperm, Angiosperm). Major group of animals (salient features) (Non-chordates upto phyla and Chordates up to classes.	Video to show five kingdom classification and characteristic of different Kingdoms.	Interdisciplinary Linkages: Maths Diagrams: Fig 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7, 7.8, 7.1, 7.12, 7.13, 7.14, 7.15, 7.16, 7.17, 7.18, 7.19, 7.20, 7.27. (NCERT) Art Integration: Drawing figures of Monera, Porifera, Fungi, Five kingdom classification, Thallophyta, Pteridophyta, Gymnosperms, Classification of Plants, Porifera, Coelenterata, Platyhelminthes, Nematoda, Arthropoda, Molluscas, Protochordata.	1. Study of the characteristics of Spirogyra, Agaricus, Moss, Fern, Pinus (either with male or female cone) and an Angiospermic plant. Draw and give two identifying features of the groups they belong to. 2. Observe the given pictures/charts/ models of earthworm, cockroach, bony fish and bird. For each organism, draw their picture and record: a) one specific feature of its phylum. b) one adaptive feature with reference to its habitat. 3. Study of the external features of root, stem, leaf and flower of monocot and dicot plants.	1. Assignment on Diversity in living organisms. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
April Topic: Motion No. of Periods: 12	Concept of Distance and Displacement, velocity, uniform and non-uniform motion along a straight line, Concept of speed, velocity, acceleration, velocity time graph for uniform motion and uniformly accelerated motion, Derivation of equation of motion, Elementary idea of uniform circular motion.	Videos to show the concept of distance, displacement, uniform and non-uniform motion.	Interdisciplinary Linkages: Maths Diagrams: Fig 8.3, 8.4, 8.5, 8.6, 8.7, 8.8. (NCERT) Art Integration: Drawing graphs to show distance time graph of an object moving with uniform speed, Distance-time graph for a car moving with non-uniform speed, Velocity-time graph for uniform motion, velocity-time graph for a car moving with uniform acceleration, velocity-time graph of an object in a non-uniform acceleration.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Motion. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	SubTopic	AudioVisualInputs	ConceptMaps/Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment/ Discussion
June&July Topic: Force and Laws of Motion No. of Periods: 12	HalfYearlyExamination				
	ConceptofForceandMotion, Newton’s Laws of Motion, Concept of Inertia, Mass, Concept of Momentum, Conservation of Momentum, Concept of action and reactionforce.	Videos to show the concept of Newton’s lawofmotion,lawof conservationof Mass.	InterdisciplinaryLinkages: Maths Diagrams: Fig9.4.9.7, 9.10, 9.14. (NCERT) Art Integration: Drawing figureofshowthedifference between balanced and unbalanced force, law of conservation of mass.	Discussion of Practical based Questionandrevisionofpracticals.	1. Assignment on ForceandLaws ofMotion 2. Discussion of ScoringPoints/ Marking Scheme/ Sample Questions
August&September Topic: Gravitation No. of Periods: 12	Universallawof gravitation, ForceofGravitationofEarth, ConceptofAccelerationdue toGravity,ConceptofMass, Weightandfreefall Conceptofthrustand pressure, Archimedes’ Principle, Conceptof buoyancy,Concept of Density,Concept ofRelative Density	Videos to show conceptofUniversal law of Gravitation, Weight and Mass, Archimedes’ Principle,Conceptof buoyancy, Concept of Density, Concept of Relative Density.	InterdisciplinaryLinkages Maths Diagrams: Fig 10.2, 10.5, (NCERT)	1. Determination of the density of solid(denserthanwater)byusing a spring balance and a measuring cylinder. 2. Establishing the relation between thelossin weight of a solidwhen fullyimmersedina)Tapwaterb) Strongly salty water with the weightofwaterdisplacedbyitby taking at least two differentsolids.	1. Assignmenton Gravitation 2. Discussionof ScoringPoints/ Marking Scheme/ Sample Questions
October Topic: Work, Energy& Power No.of Periods: 12	Conceptofworkdonebya force, energy, Kinetic and Potentialenergy,Lawof conservationofenergy, Introductiontopower CommercialunitofEnergy	Videostoshowthe concept of Kinetic Energy, potential energy and law of conservation of energy.	InterdisciplinaryLinkages: Maths Diagrams: Fig11.7,11.8. ArtIntegration: Drawing figures to show potential energy of an on object.	Discussion of Practical based Questions and revision of practicals.	1. Assignmenton Work, Energy &Power 2. Discussion of ScoringPoints/ Marking Scheme/ Sample Questions

Month Topic	SubTopic	AudioVisualInputs	Concept Maps / Diagrams/ InterdisciplinaryLinkages/ ArtIntegration	Practical	Assignment/ Discussion
November Topic: Sound No. of Periods: 12	Nature and propagation in various media, Speed of sound, Concept of range of hearing in humans, Concept and uses of ultrasound, Reflection of sound echo and SONAR, Function & Working of Human Ear.	Videos to show working of Human Ear, and Characteristics of Sound.	Interdisciplinary Linkages: Maths Diagrams: Fig 12.1, 12.6, 12.7, 12.8, 12.9, 12.11, 12.15, 12.16, 12.17, 12.19. Art Integration: Drawing diagrams of Human Ear, Megaphone, Reflection of sound, Bell experiment.	1. Verification of the Law of reflection of sound. 2. Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).	1. Assignment on Sound. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
October Topic: Why do we fall ill? No. of Periods: 10	Health and its failure. Infectious and non-infectious diseases, their causes and manifestation. Diseases caused by microbes (Virus, Bacteria, and Protozoans) and their prevention. Principle of treatment and prevention, Pulse Polio programs	Videos to show concept of immunization, difference between infectious and non-infectious diseases.	Mind Map: Concept map to show various diseases caused by different agents. Art Integration: Drawing figures to show water harvesting.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Why do we fall ill. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
November Topic: Natural Resources No. of Periods: 15	Physical resources: Air, water, Soil. Air for respiration, for combustion, for moderating temperatures, movement of air and its role in bringing rains across India. Air, water and soil pollution. Holes in ozone layer and the probable damages. Biogeochemical cycle in nature: water, oxygen, carbon, nitrogen	Videos to show different Biogeochemical cycles.	Diagrams: Fig 14.5, 14.6, 14.7, 14.8. Art Integration: Drawing figures to show water cycle, Nitrogen cycle, Carbon cycle, Oxygen cycle.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Natural Resources. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions

Month Topic	SubTopic	AudioVisualInputs	ConceptMaps/Diagrams/ InterdisciplinaryLinkages/ Art Integration	Practical	Assignment/ Discussion
December Topic: Improvement in Food Resources No. of Periods: 10	PeriodicTest–2				
	Plantandanimalbreedingand selection for quality improvement and management, use of fertilizers,manuresprotection frompestsanddiseases: organicfarming	Videos to show Organic farming,differencebetween manure and fertilizers.	Art Integration: Drawingfigurestoshow differenttypesofCrops.	Discussion of Practical based Question and revisionofpracticals.	1. Assignment on Improvementsin FoodResources. 2. Discussion of Scoring Points/ MarkingScheme/ SampleQuestions
January	Revision				
February	AnnualExamination				

**Curriculum Plan of English Language and Literature
Session (2024-25)**

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
April Beehive <ul style="list-style-type: none"> Prose 1 The Fun They Had Prose 2 The Sound of Music Poem 1 The Road Not Taken Moments <ul style="list-style-type: none"> Lesson 1 The Lost Child 	<ul style="list-style-type: none"> Understanding the Genre <ul style="list-style-type: none"> Science Fiction Autobiography Narrative Poem Mystery Central Idea A/V Inputs (on the theme of literature lessons and poems) 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Literature lessons and Poems Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> Listening Skills <ul style="list-style-type: none"> Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs Reading Skills <ul style="list-style-type: none"> Reading for appreciation of poems, Poem Recitation, Reading for pleasure, Extended reading, Silent Reading, Scanning Speaking Skills <ul style="list-style-type: none"> Speech, Debate, Poem recitation Writing Skills <ul style="list-style-type: none"> Formal Letter 	<ul style="list-style-type: none"> Inter-disciplinary Linkage <ul style="list-style-type: none"> Information about Virtual Reality, AI Core Life Skills <ul style="list-style-type: none"> Coping with Stress and Emotions, Problem Solving, Self-awareness, Decision making Core Value Concerns <ul style="list-style-type: none"> Self-confidence, Motivation, Social responsibility
May Beehive <ul style="list-style-type: none"> Poem 2 Wind Poem 3 Rain On The Roof Prose 3 The Little Girl Moments <ul style="list-style-type: none"> Lesson 2 The Adventure of Toto Lesson 3 Iswaran the Storyteller 	Periodic Test–1			
	<ul style="list-style-type: none"> Understanding the Genre <ul style="list-style-type: none"> Short story Fiction Central Idea A/V Inputs (on the theme of literature lessons and poem) 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Literature lessons and Poems Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> Listening Skills <ul style="list-style-type: none"> Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs Reading Skills <ul style="list-style-type: none"> Reading for appreciation of poems, Poem Recitation, Reading for pleasure, Extended reading, Silent Reading, Scanning Speaking Skills <ul style="list-style-type: none"> Story narration Writing Skills <ul style="list-style-type: none"> Story 	<ul style="list-style-type: none"> Inter-disciplinary Linkage <ul style="list-style-type: none"> Information about natural phenomena of Earth Core Life Skills <ul style="list-style-type: none"> Self-awareness, Interpersonal relationship, Problem solving Core Value Concerns <ul style="list-style-type: none"> Respect, Courtesy, Self confidence, Self-regulation of feelings and emotions to face challenges of life

Month Topic	Theme/AudioVisual Inputs	Assignment /Discussion	Listening,Speaking,ReadingandWriting Skills	CoreSkills/ArtIntegration/ Interdisciplinary Linkages
July Beehive <ul style="list-style-type: none"> • Prose4ATrulyBeautifulMind • Prose5TheSnakeandThe Mirror • Poem4TheLakeIsleOf Innisfree • Poem5ALegendofthe Northland Moments <ul style="list-style-type: none"> • Lesson4InTheKingdomOf Fools 	<ul style="list-style-type: none"> • Understandingthe Genre <ul style="list-style-type: none"> ○ Biography ○ Fiction ○ Ballad ○ Shortstory • CentralIdea • A/VInputs (on the theme of literaturelessonsand poem) 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Literature lessonsand Poem • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	<ul style="list-style-type: none"> • ListeningSkills <ul style="list-style-type: none"> ○ Dictation, Shared Reading, Oral ComprehensionCheck,A/VInputs • ReadingSkills <ul style="list-style-type: none"> ○ Reading for appreciation of poems, Poem Recitation, Reading for detail, Readingforpleasure,Extendedreading, Silent Reading, Scanning • SpeakingSkills <ul style="list-style-type: none"> ○ Roleplay,PPtpresentation • WritingSkills <ul style="list-style-type: none"> ○ Story 	<ul style="list-style-type: none"> • Inter-disciplinaryLinkage <ul style="list-style-type: none"> ○ Geographicallocationof IrelandandtheLakeIsle ○ ScienceofTheoryof Relativity • CoreLifeSkills <ul style="list-style-type: none"> ○ Self–awareness,Critical and Creative thinking • CoreValuesConcern- <ul style="list-style-type: none"> ○ Responsibility towards one’swork,Appreciation forbeautyandAesthetics
August Beehive <ul style="list-style-type: none"> • Prose6 MyChildhood • Poem6NoMenAreForeign Moments <ul style="list-style-type: none"> • Lesson5TheHappyPrince • Lesson6WeatheringtheStorm in Ersama 	<ul style="list-style-type: none"> • Understandingthe Genre <ul style="list-style-type: none"> ○ Non-fiction ○ Autobiography ○ Shortstory ○ Nonnarrativepoem • CentralIdea • A/VInputs (on the theme of literaturelessonsand poem) 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Literature lessonsand Poem • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	<ul style="list-style-type: none"> • ListeningSkills <ul style="list-style-type: none"> ○ Dictation, Shared Reading, Oral ComprehensionCheck,A/VInputs • ReadingSkills <ul style="list-style-type: none"> ○ Reading for appreciation of poems, Poem Recitation, Reading for detail, Readingforpleasure,Extendedreading, Silent Reading, Scanning • SpeakingSkills <ul style="list-style-type: none"> ○ Speech • WritingSkills <ul style="list-style-type: none"> ○ Article 	<ul style="list-style-type: none"> • Inter-disciplinaryLinkage <ul style="list-style-type: none"> ○ Preparednessduringa calamity • CoreLifeSkills <ul style="list-style-type: none"> ○ Empathy,Decisionmaking • CoreValuesConcern <ul style="list-style-type: none"> ○ Love,Careand Compassion
September	HalfYearlyExamination			
Beehive <ul style="list-style-type: none"> • Poem7TheDuckAndThe Kangaroo Moments <ul style="list-style-type: none"> • Lesson7TheLastLeaf 	<ul style="list-style-type: none"> • Understandingthe Genre <ul style="list-style-type: none"> ○ Fable ○ Shortstory • CentralIdea 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Literature lessonsand Poem • Discussion of ScoringPoints/ 	<ul style="list-style-type: none"> • ListeningSkills <ul style="list-style-type: none"> ○ Dictation,OralComprehensionCheck, A/V Inputs • ReadingSkills <ul style="list-style-type: none"> ○ Reading for appreciation of poems, PoemRecitation,Readingfordetail, 	<ul style="list-style-type: none"> • CoreLifeskills <ul style="list-style-type: none"> ○ Creativethinking,Inter- personal relationship • CoreValuesConcern <ul style="list-style-type: none"> ○ Respectandcarefor harmony

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
	<ul style="list-style-type: none"> A/V Inputs (on the theme of literature lessons and poem) 	Marking Scheme/ Sample Questions	<ul style="list-style-type: none"> Reading for pleasure, Extended reading, Silent Reading, Scanning Speaking Skills <ul style="list-style-type: none"> Poem recitation Writing Skills <ul style="list-style-type: none"> Paragraph 	
October Beehive <ul style="list-style-type: none"> Prose 7 Packing Poem 8 On Killing A Tree Moments <ul style="list-style-type: none"> Lesson 8 A House Is Not Home 	<ul style="list-style-type: none"> Understanding the Genre <ul style="list-style-type: none"> Travelogue Protest poem Short story Central Idea A/V Inputs (on the theme of literature lessons and poem) 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Literature lessons and Poem Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> Listening Skills <ul style="list-style-type: none"> Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs Reading Skills <ul style="list-style-type: none"> Reading for appreciation of poems, Poem Recitation, Reading for pleasure, Extended reading, Silent Reading, Scanning Speaking Skills <ul style="list-style-type: none"> Talk Time, Poem recitation Writing Skills <ul style="list-style-type: none"> Article 	<ul style="list-style-type: none"> Inter-disciplinary Linkage <ul style="list-style-type: none"> Scientific significance of Trees Core Life Skills <ul style="list-style-type: none"> Interpersonal relationship Core Values Concern <ul style="list-style-type: none"> Self confidence, Humility and Politeness
November Beehive <ul style="list-style-type: none"> Prose 8 Reach for the Top Prose 9 The Bond Of Love Poem 9 The Snake Trying Poem 10 A Slumber Did My Spirit Seal Moments <ul style="list-style-type: none"> Lesson 9 The Accidental Tourist 	<ul style="list-style-type: none"> Understanding the Genre- <ul style="list-style-type: none"> Biography Fiction Realistic Fiction Elegy Central Idea A/V Inputs (on the theme of literature lessons and poem) 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Literature lessons and Poem Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> Listening Skills <ul style="list-style-type: none"> Dictation, Shared Reading, Oral Comprehension Check, A/V Inputs Reading Skills <ul style="list-style-type: none"> Reading for appreciation of poems, Poem Recitation, Reading for detail, Reading for pleasure, Extended reading, Silent Reading, Scanning Speaking Skills <ul style="list-style-type: none"> Group Discussion Writing Skills <ul style="list-style-type: none"> Diary Entry 	<ul style="list-style-type: none"> Inter-disciplinary Linkage <ul style="list-style-type: none"> Animal care and organisations working towards the aim Core Life Skills <ul style="list-style-type: none"> Interpersonal relationship Core Values Concern <ul style="list-style-type: none"> Responsibility towards one's work/duty

Month Topic	Theme/AudioVisual Inputs	Assignment /Discussion	Listening,Speaking,Readingand Writing Skills	CoreSkills/ArtIntegration/ Interdisciplinary Linkages
December Beehive <ul style="list-style-type: none"> • Prose10Kathmandu • Prose11IfIWereYou Moments <ul style="list-style-type: none"> • Lesson10TheBeggar 	PeriodicTest-2			
	<ul style="list-style-type: none"> • Understandingthe Genre- <ul style="list-style-type: none"> ○ Travelogue ○ Oneactplay ○ RealisticFiction • CentralIdea • A/VInputs (on the theme of literaturelessons and poem) 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Literature lessonsand Poem • Discussion of Scoring Points/ Marking Scheme/Sample Questions 	<ul style="list-style-type: none"> • ListeningSkills <ul style="list-style-type: none"> ○ Dictation, Shared Reading, Oral ComprehensionCheck,A/VInputs • ReadingSkills <ul style="list-style-type: none"> ○ Readingforappreciationofpoems, Poem Recitation, Reading for detail, Reading for pleasure, Extended reading, Silent Reading, Scanning • SpeakingSkills <ul style="list-style-type: none"> ○ Roleplay • WritingSkills <ul style="list-style-type: none"> ○ Story 	<ul style="list-style-type: none"> • Inter-disciplinaryLinkage <ul style="list-style-type: none"> ○ GeographicalidentityofNepal • CoreLifeSkills <ul style="list-style-type: none"> ○ Interpersonalrelationship, Empathy • CoreValuesConcern <ul style="list-style-type: none"> ○ SocialResponsibility,Respect and care for humanity
January	Revision			
February	AnnualExamination			

महना/ववषय वस्तु	ववषय/ऑवीयी /ववीयी	असीाइनमीीट /परीचचीीीा	सुनना,ब लना,पढना ििवलखना	जवनकौशल/ ओीतववीापकीीपीा
<p>अप्रैल स्पशीा-गद्यभीाग vtX- 1. Oq~ स्पशीा-पद्यभीाग vtX -9. yc fUimu Aqxu htbt ltbltb hx ~tde • Yume ~t~ „wS rclfUtWl fUh vtX-10. "tunu ÔgtfUhK • JKO rJâAu" • ylwôJth • lwÿUt लखन • पत्रलेखन</p>	<p>• शब्दाार्ष थ ज्ञान, शब्दकाा सहाीी उच्चारण • शब्द- भााडारमोेहाा, द्धि • सूद्धिपरक हाााकाद् काा ज्ञान • हाणाका ेप्रकार,पााच म हाणा का ज्ञान, अन्य भाषा शब्द</p>	<p>• निमिलद्धखतपााठदपर आधाररतलेखनकार्योपर पररचचाथहाकापा ी मोो करनाागद्यभाग: पाठ- 1 पद्यभाग:पाठ-9,10 व्याकरण • JKO-rJâAu", ylwôJth,lwÿUt लेखन • पत्रलेखन • अमुच्छेद कपत्रलेखन,अनुच्छेदलेखन</p>	<p>• सुनना-प्रश्नदत्तरी साुनकरअराथग्रहाण करनाा । • बलना-ग्रामीणऔर हशरीसभ्यताकेमध्य अातर, (समाूहाचचााथ) • पढ़ना-पाठ्यपुस्तक में निहित पाठतराा दहदे हाााचनकाापठ न • वलखनीा-भारत गााााहादााका देशपर लेखन</p>	<p>गद्यभाग • vtX-1ग्रामीण गराीबतबका ा- शहाराीधना ी हागथ काी जाीहानचर्ययााथ मोोअातर(साामाूिहाकचचा ाथ) पद्यभाग • पाठ-9आधुिनक स्मर्यमोो भद्धहा- भाहानाा का हमल • पााठ-10कमशब्दद मािंबड़ाी- बड़ाी बाातदकदकहाना ा तरााासाामाा िजक व्यहासारााकाीिशक्षा • लेखन- मनके हााारा े</p>

				हााारहाा मन केजाीताेजाीत पर अनुच्छेदलेखन
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• अनुच्छेद				
मई	ग्रीष्माहाकाश			
<p>जून स्पशी- गद्यभााग vtx- 2. "w:F fUtyrOfUth स्पशी-पद्य भाागvtx- 11. yt"beltbt mkag1 vtx-1rdÖ~q ÔgtfUhK • उपसगथ • साध • हिरामचिन्ह लखन • चित्र-हाणथन • सहा ादल ाख न • हिज्ञापनलेखन</p>	<p>• शब्दाार थ ज्ञान, शब्दका सहाी उच्चारण • शब्द- भााडारमाेहा, द्धि • सूद्धिपरक हााकाद् काा ज्ञान • दहददऔ र किहाता ा माेाअातर का ज्ञान • किहाताामा ेा प्रर्याुहा उदाूशब्द का ज्ञान</p>	<p>• निम्निलिखतपाठद पर आधाररत लेखनकार्योपर पररचचाथहा कापीमाेकरना । गद्यभाग:पाठ-2 पद्यभाग:पाठ-11 mkag1 पाठ:1 व्याकरण Wvmगथ,mkrO (ôJhmkro) rJhtb चित्र- हाणन,स हा ाद, िहाज्ञापन लाेखन</p>	<p>• सुनना-पाठ्य पुस्तक पर आधाररतप्रश्नदत्तरी • बलना-पालतू जाानहारद से सम्बाधितछात्रद केअनुह • पढ़ना-पाठ्य- पुस्तक माेानिहिात पददकालर्यबहा काा हााचन । • वलखनीा - सामााजिक व्यहासार्रा ासे सम्बद्धित दद पड़दिसर्ययदकोम ध्य सााहााद ।</p>	<p>गद्यभाग पााठ-2धनाी-निधनहागथ कोमध्य दाााखकेअधिकारपरचचा ाथ पद्यभाग पााठ-11त्रयिहार्यदकाी प्रहााित्तर्यदपरहिस्ताारसाे चचााथ mkag1 vtx-1जाानहारदकोप्रितदर्ययाा भााहा पर चचााथ</p>

महना/ववषयवस्तीु	ववषय/ऑवीयी /ववीयी	असाइनमेंट /परीचचीाीा	सुनना,बलना, पढ़ना िि वलखना	जवनकीौशल/ओीतववीाषयकीायी ा
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<p>जुलाई</p> <p><u>परीक्षा-</u></p> <p><u>यूनिट-</u></p> <p><u>1</u></p> <p>स्पष्टीकरण-गद्यभाषा</p> <p>वर्तमान- 3.</p>	<ul style="list-style-type: none"> • शब्दार्थ ज्ञान, हाणा काज्ञान • अनुस्वारशब्द दक्षिण, 	<ul style="list-style-type: none"> • निम्नलिखित पाठद्वारा 	<ul style="list-style-type: none"> • सुनना- 	<ul style="list-style-type: none"> • पाठ- उल्लेखित कारक सा हासपूर्ण
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<p>YJhuôx : buherNFh gt°tt</p> <p>ÔgtfUhK</p> <ul style="list-style-type: none"> • JKO • rJâAu'' • अनुस्वार • प्रत्यय <p>ल'खन</p> <ul style="list-style-type: none"> • पत्रलेखन • अनुच्छेदलेखन 	<p>प्रत्ययसेबननेहाले शब्ददकाज्ञान</p>	<p>पर आधाररत लेखनकार्योपर पररचचाथहा कापीमाेा करना । गद्यभाग:पाठ-3</p> <p>व्याकरण</p> <ul style="list-style-type: none"> • JKO • rJâAu'' • अनुस्वार,प्रत्यय <p>लेखन</p> <ul style="list-style-type: none"> • अनुच्छेदलेखन • पत्रलेखन 	<p>कमथहााी र ेलदगदकाप्रसाग साुनना ा।</p> <ul style="list-style-type: none"> • बलना-हमा - पाुराुषद का। साहािसिककार्यो कााहाणथन । • पढ़ना-पाठ्य पुस्तक में का पठन। • वलखनीा- हपााड़दपर िपकिनकजाने की अनुमित के िलिएपताकद पत्र । 	<p>कार्योपर सामाूहिकचचाथ।</p> <ul style="list-style-type: none"> • हपााड़ीक्षेत्रकाीकिठनााईर्यय दका हाणथन। • प्रमभारताीर्ययमिहालाा पहाथताारहदीकेरूप माेा हाणथन । • एहारोस्टहपााड़ीकाीदा ुगथम चढ़ाई का हाणथन
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<p>ydô,, स्पशीा-गद्य भीागपाठ- 4. ,,wb fUc stytudu, yr,,rf (mkag1) पाठ 2 . ôbðr,, ÔgtfUhK • उपसगथ • साािध • प्रसय लेखन</p>	<p>• शब्दाार थ ज्ञान,शब्दद काासहा ाी उच्चारण,शब्दद कदजदड़नाऔर तदड़ना,प्रत्यय ,उपसगथशब्दद माेभरार्थ पररहातथन। • सूद्धिपरक हाााकाद् काा ज्ञान।</p>	<p>• िनमिलिखतपाठद पर आधाररत लेखनकार्योपर पररचचााथहा कापीमाेकरना । गद्य भाग:पाठ-4 सााचर्यन:पाठ- 2 व्याकरण • उपसगथ,साािध, प्रत्ययलेखन • v°tलेखन • ylwaAu” लेखन,</p>	<p>• सुनना - पाठ्य-पुस्तक पर आधाररत प्रश्नदत्तरी। • बलना - हशरी जीहान केछाात्रदका े स्वर्कअनुहभ • पढ़ना-पाठ्य पुस्तक में का पठन। • वलखनीा- कश्मीर और</p>	<p>• मध्यमहागाीर्यपररहाार की परेशानिर्यदकाेबाीचअि तिर्औरआितर्ाेर्ययकोेतथ व्यदकाा पालन। • बाुराीआदतदकद साुधाारनाेऔर अच्छाी आदतदकदिनखाारनाे तर्ाा अपनानेकाप्रयायस।</p>
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<ul style="list-style-type: none"> • चित्र-हाण्थन • सहा • आदल • लिख न • हिज्ञापनलेखन 		<ul style="list-style-type: none"> • सहा • आदल द लेखन • आकार्ययदजना आहाआदशथ प्रश्नपत्रपरचचाथ 	370परदद नागररकद के मध्य साहाआद	
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महना/ववषयवस्तीु	ववषय/आविीयी /वविीयी	असाइनमेंट /परीचचीीी	सुनना,बलना, पढना विवि वलखना	जवनकौशल/ आीतववीाषयकीीी
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<p>rm,,öch टमीा-1</p> <p>स्पर्शी-गद्यभीाग vtx-6 .fUea ·zfUt fUtÔg</p> <p>सचयन पाठ-3 .fUÔ~q fwUönth fUe wltfUtuxe (कैहालपठ न हााैता ु) ÔgtfUhK • ylwÔJth • lwÿUt</p> <p>लेखन • सााहाादलाे खन</p>	<p>• शब्दाारार्थ ज्ञान,शब्ददः काासहाा ी उच्चारणअनुस्वार कााउत्तापित सार्ाान • हिदेशीभाषा (अरबी-फारसी) कैशब्ददःकााज्ञान</p>	<p>• िनमिलद्धखत पााठदाापरआधार रत लेखनकार्यया पर पररचचााथ हाकपी मेंकरनागद्यभागः पाठ-6सााचर्ययन पाठः 3. व्याकरण • ylwÔJth ,lwÿUt</p> <p>लेखन • सह्ा ाादल ाेख न पत्रलेखन</p>	<p>• सुनना- िकसानकेिलए िमट्टीर्याय कीचड़ का हमत्व सुनना</p> <p>• ब लना - काीा ीचड़ काामहात्वअत्रकेउ त्पादर्यय कैरूप माेा चचााथ</p> <p>• पढ़ना-पाठ्य पुस्तक में का पठन</p> <p>• वलखनीा- पत्र-लेखन</p>	<p>• vtx- 6गीली िमट्टीतरााकीच ड़ काेसौन्दर्यथका हाणथन कल्पनाा की दहि से। • समाुद्राी िकनाारदः हा निदर्ययदःकाे िकनाारदाका ा हाणथन • िमट्टी परछपे जाानहार दःतराापिक्षर्य यदःकाेपद- िचनदिःका ेसौन्दर्यथपरचचाा थ</p>
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<p>• पत्रलेखन</p> <p>yxq&ch</p> <p>स्वशीर्ष-गद्यभीर्षग</p> <p>पाठ-7.0bo</p> <p>fUe yt·z</p> <p>स्वशीर्ष-पद्यभीर्षग</p> <p>पाठ - 12</p> <p>YfUVqU~</p> <p>fUeatn</p> <p>ÔgtfUhK</p> <ul style="list-style-type: none"> • स्वर-सार्धि • व्रयार्जन-सार्धिलेखन • िचत्र-हाणथन • हिज्ञापनलेखन 	<ul style="list-style-type: none"> • शब्दार्त्थज्ञान,शब्दद्वकासहार्ी उच्चारण • शब्द-भडारमार्िहाद्धि • सूद्धिपरकहार्ाकाज्ञान 	<ul style="list-style-type: none"> • िनमिलिखतपाठद्व परआधार्ररतलेखन कार्योपरपरचच्ार्थ हाका पी में करना गद्य भाग:पाठ-7 गद्यभाग:पाठ-12 व्याकरण • सार्धि(स्वर-सार्धि),व्रयार्जन-सार्धिलेखन • िचत्र-हाणथन, हिज्ञापनलेखन 	<ul style="list-style-type: none"> • सुनना-पाठ्य-पुस्तकपरआधाररतप्रश्नदत्तर्ी • बीलनी-धमथकाहमत्वतर्ार्ा उपादर्ययताापरचच्ार्थ • पढ़ना-पाठ्यपुस्तकमें कापठन • वलखनी-हिज्ञापनकेलिएस्लदगनिलखना 	<ul style="list-style-type: none"> • पाठ-7 भारतार्ययधार्मिथकतर्ार्ा सामार्जिकमार्न्यतााओपरचच्ार्थ • पाठ -7 हातथमार्नधार्मिथकघटनााओपरहिचारप्रस्तुतिकरण • पाठ-12 छुअछुतजसीबार्ुरार्इर्ययद्वकददार्करनेकेउपार्र्ययपरसामार्हिकचच्ार्थ
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<p>1cöch</p> <p>स्वशीर्ष-पद्यभीर्षाग</p> <p>पाठ-15.1Y</p> <p>R~tfuU</p> <p>bu.....</p> <ul style="list-style-type: none"> • FwNcq ha,,untf ÔgtfUhK • हाणथ- िहाच्छे द • ylwôJth • lwÿUt लेखन • पत्रलेखन 	<ul style="list-style-type: none"> • शब्दार्थ ज्ञान,शब्दार्थ कासहा ाी उच्चारण • शब्द- भडार मार्गे ा हाद्वि 	<ul style="list-style-type: none"> • निम्नलिखित पाठद्वि पर आधाररत लेखन कार्योपरपरचचाथ हाका पी मेंकरना। • पद्यभाग:पाठ- 15 ÔgtfUhK • हाणथ- िहाच्छे द, ylwôJth, lwÿUt लेखन • पत्रलेखन • अनुच्छेदलेखन 	<ul style="list-style-type: none"> • सुनना-पाठ्य -पुस्तकपर आधाररत प्रश्नदत्तरी। • बलना- अजनबी हशर औरलदादक। िहर्षयमाे ाचचाथ । • पढ़ना- अतार्क ात कहिात ाका पठन।लेखनी ा- भारतार्क ितपर अनुच्छेदलेखन 	<ul style="list-style-type: none"> • पाठ-15हशरी जीहान में बदलाहापर निरीक्षण करतेहुए 'नएअनुहभ'पर अनुच्छेदलेखन। • नितप्रित बदलती दुनिर्यायकी जानकारी। • अजनबीहशरमें हपचान की परेशानिर्ययद। परचचाथ ।
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<ul style="list-style-type: none"> • अनुच्छेदलेखन <p>r"möch स्पशी-पद्यभींग पाठ - 14 . yrÉlvf ÔgtfUhK</p> <ul style="list-style-type: none"> • उपसगथ • हिराम-िचन्ह लेखन • चित्र-हाणथन • सह-ा ादल ाखि न • हिज्ञापनलेखन 	<ul style="list-style-type: none"> • शब्दांरार् थ ज्ञान,शब्दद कासहा ाी उच्चारण • शब्द- भडार मो ा हाद्वि • सूद्धिपरक हाा कादका ाज्ञान 	<ul style="list-style-type: none"> • निमिलद्धखत पाठदापरआधार रत लेखनकार्यया पर पररचचाथ हाकपीमेंकरना। पद्यभाग:पाठ-14 <p>ÔgtfUhK</p> <ul style="list-style-type: none"> • उपसगथ,िहाराम <p>-</p> <p>िच न्ह लेखन</p> <ul style="list-style-type: none"> • चित्र-हाणथन • सह-ा ाद लाखन • हिज्ञापनलेखन 	<ul style="list-style-type: none"> • सुनना - <p>‘जीह ान सघषम हा ा’ महाा पाुरु षदकेप्रसाग साउनना ा।</p> <ul style="list-style-type: none"> • बलना - कमथठताऔ र लगनशीलतापर चचाथ • पढ़ना-पाठ्य पुस्तकमें का पठन। • वलखनी- िप्रयकहि की कहिता लेखन। 	<ul style="list-style-type: none"> • पाठ -14 <p>जीहानकेप्रित उत्साहितकरतेहुए ‘जीहानसाघषथमय हाा’पर अनुच्छेद</p> <ul style="list-style-type: none"> • पाठ -14 <p>स्वाभिमानजाग्रत साबाधाीहिचार दापर चचाथ।</p>
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<p>slJhe</p> <p>स्पशी-गद्यभीाग</p> <p>पाठ- 8.</p> <p>Nwf½U,,thu</p> <p>fuU mbtl</p> <p>(mkag1)</p> <p>पाठ5.ntrb"</p> <p>Ftâ</p> <p>ÔgtfUhK</p> <ul style="list-style-type: none"> • साधि • प्रत्यय लेखन • पत्रलेखन 	<ul style="list-style-type: none"> • शब्दार्थ ज्ञान,शब्दद्वारा कासहा ाी उच्चारण • शब्द- भडार मो ा हाद्वि,र्यायत्रा हाणथन ,महाापा ुरुष दवा की जाीहाना ी, समाहा चचाथ 	<ul style="list-style-type: none"> • निम्नलिखित पाठद्वारा पर आधाररत लेखन कार्योपरपरचचाथ हाका पी में करना। गद्यभाग:पाठ-8 साचर्यन:पाठ- 5 ÔgtfUhK • साधिप्रत्ययले खन • पत्रलेखन • अनुच्छेदलेखन 	<ul style="list-style-type: none"> • सुनना-पाठ्य -पुस्तकपर आधाररत प्रश्नदत्तरी। • बलना - कमथठताऔ र लगनशीलतापर चचाथ • पढ़ना-पाठ्य पुस्तकमें का पठना। • वलखनी- एिहतासिकइमा रतदापरअनच्छेद 	<ul style="list-style-type: none"> • पाठ - 8 महाा दाहा भाईजासिहमा न बद्धित्वपरसाक्षिप्त िटप्पणाी। • पाठ-5 तक्षिशलाकेहमान इहितास पर सामाहिकचचा थ । • एिहतासिक धरहदरद्वारापरचचा थ ।
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**Curriculum Plan of Social Science std IX (Session:
2024-25)**

Month Topic	SubTopic	LearningObjectives	AudioVisual Inputs	Miscellaneous	CoreSkills/ArtIntegration/Interdisciplinary Linkages
AprilTopic: India – Size and Location No. of Periods: 9	<ul style="list-style-type: none"> • Location • Size • Indiaandthe World • India’sNeighbors 	<ul style="list-style-type: none"> • Identifythelocationof India in the Indian subcontinent 	Video <ul style="list-style-type: none"> • India – Size andLocation 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ India – Size andLocation ○ What is Democracy? Why Democracy? ○ Thestoryof village Palampur • Timeline/ Concept Mapping • Discussion of ScoringPoints/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Criticalthinking,Logicalthinking,Decision Making, Effective communication • ArtIntegration <ul style="list-style-type: none"> ○ Map work on longitude and latitude of India, DiscussiononAncientSilkrouteandSearoute • InterdisciplinaryLinkages <ul style="list-style-type: none"> ○ History,Mathematics
Topic: What is Democracy? Why Democracy? No. of Periods: 10	<ul style="list-style-type: none"> • What is Democracy? • Featuresof Democracy • WhyDemocracy? • Broadermeaning of Democracy 	<ul style="list-style-type: none"> • Developconceptualskillsof defining democracy. • Understand how different historicalprocessesandforces have promoted democracy. • Develop a sophisticated defenseofdemocracyagainst common prejudices. • Developahistoricalsenseof the choice and nature of democracy in India. 	Video <ul style="list-style-type: none"> • What is Democracy? Why Democracy? 	<ul style="list-style-type: none"> • Timeline/ Concept Mapping • Discussion of ScoringPoints/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Criticalthinking,Logicalthinking,Problem solving, Decision-making • ArtIntegration <ul style="list-style-type: none"> ○ Debateon‘whether democracyisthebestform of government or not’ • InterdisciplinaryLinkages <ul style="list-style-type: none"> ○ History

Topic: The story of village Palampur No. of Periods: 10	<ul style="list-style-type: none"> Overview Organization of production Farming in Palampur Non-farm activities of Palampur 	<ul style="list-style-type: none"> Familiarize with basic economic concepts through an imaginary story of a village. 	Video <ul style="list-style-type: none"> The story of village Palampur 	<ul style="list-style-type: none"> Project <ul style="list-style-type: none"> Topic selection 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Logical thinking, Problem solving, Decision-making Art Integration <ul style="list-style-type: none"> Discussion on the conditions of farmers and farm laborer in India Interdisciplinary Linkages <ul style="list-style-type: none"> History, Geography
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Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
June	Periodic Test- 1				
Topic: Physical Features of India No. of Periods: 09	<ul style="list-style-type: none"> Major Physiographic Divisions The Himalayan Mountains The Northern Plains The Peninsular Plateau The Indian Desert The coastal Plains The Islands 	<ul style="list-style-type: none"> Understand the major landform features and the underlying geological structure; their association with various rocks and minerals as well as nature of soil types. 	Video <ul style="list-style-type: none"> Physical features of India 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Physical Features of India Constitutional Design The French Revolution Timeline/Concept Mapping Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Logical thinking, Problem solving, Decision-making Art Integration <ul style="list-style-type: none"> Map work of physical features of India Interdisciplinary Linkages <ul style="list-style-type: none"> History
Topic: Constitutional Design No. of Periods: 10	<ul style="list-style-type: none"> Democratic Constitution in South Africa Why do we need a Constitution? Making of the Indian Constitution Guiding Values of the Indian Constitution 	<ul style="list-style-type: none"> Understand the process of Constitution making. Develop respect for the Constitution and appreciation for Constitutional values. Recognize Constitution as a dynamic and living document. 	Video <ul style="list-style-type: none"> Constitution making of India 		<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Logical thinking, Problem solving, Decision-making, Effective communication Art Integration <ul style="list-style-type: none"> Debate on the Institutional arrangement in Constitution Interdisciplinary Linkages <ul style="list-style-type: none"> History, Sociology

June Topic: The French Revolution No.ofPeriods: 15	<ul style="list-style-type: none"> • FrenchSocietyDuringthe Late Eighteenth Century • TheOutbreakofthe Revolution • France Abolishes MonarchyandBecomesa Republic • DidWomenhavea Revolution? • TheAbolitionofSlavery • TheRevolutionand Everyday Life 	<ul style="list-style-type: none"> • Familiarizewiththenames of people involved, the differenttypesofideasthat inspired therevolution,the wider forcethatshapedit. • Knowtheuseofwritten,oral and visual material tocover the history of revolutions. 	Video <ul style="list-style-type: none"> • TheFrench Revolution 	<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Creativethinking,Logical thinking,Problemsolving, Decision-making • ArtIntegration <ul style="list-style-type: none"> ○ Discussionon‘Impactofthe French Revolution on the contemporary world’ • InterdisciplinaryLinkages <ul style="list-style-type: none"> ○ History,Sociology,Geography
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Month Topic	SubTopic	LearningObjectives	AudioVisual Inputs	Miscellaneous	CoreSkills/ArtIntegration/ Interdisciplinary Linkages
JULY Topic: Electoral Politics No.ofPeriods: 10	<ul style="list-style-type: none"> • WhyElections? • WhatisourSystemof Elections? • Whatmakeselectionsin India democratic? 	<ul style="list-style-type: none"> • Understand representative democracyviacompetitive party politics. • FamiliarizewithIndian electoral s system. • Reason out for the adoption of presentIndianElectoralSystem. • Develop an appreciation of citizen’sincreasedparticipation in electoral politics. • Recognizethesignificanceof the Election Commission. 	Video <ul style="list-style-type: none"> • Election processin India • Various phases of electionin India 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Electoral Politics ○ Drainage • Timeline/Concept Mapping • Discussion of Scoring Points/ MarkingScheme/ SampleQuestions • Project <ul style="list-style-type: none"> ○ Indianelection 2019 	<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking,Problemsolving, Decision Making, Self - Awareness, Empathy • ArtIntegration <ul style="list-style-type: none"> ○ Debate on ‘Challenges to conductfreeandfairelections in I ndia’ • InterdisciplinaryLinkages <ul style="list-style-type: none"> ○ History, S sociology, Economics
Topic: Drainage No. of Periods: 09	<ul style="list-style-type: none"> • Majorriversandtributaries • Lakes • Roleofriversinthe economy • Pollutionofrivers 	<ul style="list-style-type: none"> • Identifytheriversystemsofthe country and explain the role of rivers in the human society. 	Video <ul style="list-style-type: none"> • Drainage 		<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Critical thinking, Logical thinking,Problemsolving, Decision-making • ArtIntegration <ul style="list-style-type: none"> ○ Mapworkoftheriversof India • InterdisciplinaryLinkages <ul style="list-style-type: none"> ○ History

August Topic: Socialism in Europe and the Russian Revolution No. of Periods: 15	<ul style="list-style-type: none"> • The Age of Social Change • The Russian Revolution • The February Revolution in Petrograd • What Changed after October? • The Global Influence of the Russian Revolution and the USSR 	<ul style="list-style-type: none"> • Explore the history of socialism through the study of Russian Revolution. • Familiarize with the different types of ideas that inspired the revolution. 	Video <ul style="list-style-type: none"> • The Russian Revolution 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ◦ Socialism in Europe and the Russian Revolution • Timeline/Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ◦ Critical thinking, Logical thinking, Problem solving, Decision-making • Art Integration <ul style="list-style-type: none"> ◦ Debate and discussion Socialism versus Capitalism • Interdisciplinary Linkages <ul style="list-style-type: none"> ◦ Political Science, Geography
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Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: People as Resource No. of Periods: 12	<ul style="list-style-type: none"> • Overview • Economic activities by men and women • Quality of Population • Unemployment 	<ul style="list-style-type: none"> • Understand the demographic concepts • Understand how population can be as asset or a liability for the nation. 	Video <ul style="list-style-type: none"> • People as Resource 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ◦ People as Resource • Timeline/Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ◦ First Draft 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ◦ Logical thinking, Problem solving, Decision Making, Empathy • Art Integration <ul style="list-style-type: none"> ◦ Discussion on the importance of health and education information of human resource • Interdisciplinary Linkages <ul style="list-style-type: none"> ◦ History, Sociology
September Topic:	Terminal Examination				

Working of Institutions No. of Periods: 10	<ul style="list-style-type: none"> • How is the major policy decision taken? • Parliament • Political Executive • Judiciary 	<ul style="list-style-type: none"> • Get an overview of central governmental structures. • Identify the role of Parliament and its procedures. • Distinguish between political and permanent executive authorities and functions. • Understand the parliamentary system of executive's accountability to the legislature. • Understand the working of Indian Judiciary. 	Video <ul style="list-style-type: none"> • The Parliament • The Executive 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Working of Institutions ○ Nazism and the Rise of Hitler • Timeline/Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Logical thinking, Decision Making, Self Awareness, Empathy, Interpersonal Relationship • Art Integration <ul style="list-style-type: none"> ○ Discussion on powers and function of Parliament • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ History, Sociology
October Topic: Nazism and the Rise of Hitler No. of Periods: 15	<ul style="list-style-type: none"> • Birth of the Weimar Republic • Hitler's Rise to Power • The Nazi Worldview • Youth in Nazi Germany • Ordinary People and the Crimes Against Humanity 	<ul style="list-style-type: none"> • Discuss the critical significance of Nazism in shaping the politics of modern world. • Get familiarized with the speeches and writings of Nazi Leaders. 	Video <ul style="list-style-type: none"> • Nazism and the rise of Hitler 		<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ○ Logical thinking, Problem solving, Decision Making, Sense of Inquiry • Interdisciplinary Linkages <ul style="list-style-type: none"> ○ Political Science, Sociology

Month Topic	SubTopic	LearningObjectives	AudioVisual Inputs	Miscellaneous	CoreSkills/ArtIntegration/ Interdisciplinary Linkages
Topic: Climate No. of Periods: 09	<ul style="list-style-type: none"> • Concept • ClimaticControls • FactorsinfluencingIndia’s climate • TheIndianMonsoon • DistributionofRainfall • Monsoonasaunifyingbond 	<ul style="list-style-type: none"> • Identify various factors influencing the climate and explain the climatic variation of ourcountryanditsimpactonthe life of the people. • Explaintheimportanceand unifyingroleof monsoons. 	Video <ul style="list-style-type: none"> • Climate • FlowChart 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Climate • Timeline/Concept Mapping • Discussion of Scoring Points/ MarkingScheme/ SampleQuestions 	<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Logicalthinking,Problem solving, DecisionMaking • ArtIntegration <ul style="list-style-type: none"> ○ MapworkonRainfallin India and seasons • InterdisciplinaryLinkages <ul style="list-style-type: none"> ○ History,Sociology, Economics
November Topic: Forest Society and Colonialism No. of Periods: 15	<ul style="list-style-type: none"> • WhyDeforestation? • TheRiseofCommercial Forestry • RebellionintheForest • ForestTransformationsin Java 	<ul style="list-style-type: none"> • Discussthesocialandcultural world of forest communities through the study of specific revolts. • Understandhoworaltraditions can be used to explore tribal revolts. 	Video <ul style="list-style-type: none"> • Forest society andColonialism 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Forest Society andColonialism ○ Democratic Rights • Timeline/Concept Mapping • Discussion of Scoring Points/ MarkingScheme/ SampleQuestions 	<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Criticalthinking,Decision Making, Self Awareness, Empathy • ArtIntegration <ul style="list-style-type: none"> ○ Debateon‘Colonialforest laws and deforestation in India’ • Interdisciplinarylinkages <ul style="list-style-type: none"> ○ Geography,Sociology
Topic: Democratic Rights No. of Periods: 10	<ul style="list-style-type: none"> • Lifewithoutright • RightsinaDemocracy • RightsintheIndian Constitution • Expandingthescopeof rights 	<ul style="list-style-type: none"> • Recognizetheneedforrights in one’s life. • Understandtheavailability /accessofrights inademocratic system/government. • Identify and be able to comprehendtheFundamental Rights given by the Indian Constitution to its citizens. • Createawarenessregardingthe process of safeguardingrights. 	Video <ul style="list-style-type: none"> • Fundamental Rights 		<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Logicalthinking,Self Awareness,Empathy, Decision making • ArtIntegration <ul style="list-style-type: none"> ○ Discussion on the expandingscopeofrights • InterdisciplinaryLinkages <ul style="list-style-type: none"> ○ History,Sociology

Month Topic	SubTopic	LearningObjectives	AudioVisual Inputs	Miscellaneous	CoreSkills/ArtIntegration/ Interdisciplinary Linkages
Topic: Povertyasa Challenge No. of Periods: 12	<ul style="list-style-type: none"> • Twotypicalcasesofpoverty • PovertyasseenbySocial Scientists • PovertyEstimates • VulnerableGroups • Interstatedisparities • GlobalPovertyScenario • CausesofPoverty • Anti-poverty measures • TheChallenges Ahead 	<ul style="list-style-type: none"> • Understandpovertyasa challenge. • Identifyvulnerablegroupandinterstate disparities • Appreciate the initiatives of the governmenttoalleviatepoverty. 	Video <ul style="list-style-type: none"> • Poverty in India – Causesand Alleviation 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Povertyasa Challenge • Timeline/Concept Mapping • Discussion of Scoring Points/ MarkingScheme/ SampleQuestions 	<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Criticalthinking,Problem solving,DecisionMaking, Empathy, Managing Emotions • ArtIntegration <ul style="list-style-type: none"> ○ Debate on current government’s poverty alleviationprogrammes • InterdisciplinaryLinkages <ul style="list-style-type: none"> ○ Historysociology
December Topic: Natural Vegetation and Wild Life No. of Periods: 09	PeriodicTest-2				
	<ul style="list-style-type: none"> • FactorsaffectingVegetation • Vegetationtypes • Wildlife • Conservation 	<ul style="list-style-type: none"> • Explainthenatureofdiversefloraand fauna as well as their distribution. • Developconcernabouttheneedto protect the biodiversity of our country. 	Video <ul style="list-style-type: none"> • Natural vegetation andwildlife 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ○ Natural Vegetation andWildlife ○ Population • Timeline/Concept Mapping • Discussion of Scoring Points/ MarkingScheme/ SampleQuestions • Project <ul style="list-style-type: none"> ○ Final Submission 	<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Critical thinking, Problem solving,DecisionMaking, Empathy, Self-Awareness • ArtIntegration <ul style="list-style-type: none"> ○ Makealistofendangered species of wildlife and make a presentation on ways of conserving them • InterdisciplinaryLinkages <ul style="list-style-type: none"> ○ History,Sociology, Economics
Topic: Population No. of Periods: 09	<ul style="list-style-type: none"> • Size • Distribution • PopulationGrowthand Process of Population Change 	<ul style="list-style-type: none"> • Analyze the uneven nature ofpopulation distribution and show concern about the large size of our population. • Identify the different occupations of peopleandexplainvariousfactorsof population change. • ExplainvariousdimensionsofNational Population Policy and understand the same 	Video <ul style="list-style-type: none"> • Population of India 		<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> ○ Critical thinking, Problem solving,DecisionMaking, InterpersonalRelationship • ArtIntegration <ul style="list-style-type: none"> ○ Discussion on how to convertIndia’spopulation into resource

Month Topic	SubTopic	LearningObjectives	AudioVisual Inputs	Miscellaneous	CoreSkills/ArtIntegration/ Interdisciplinary Linkages
		needsofadolescentsasunderserved group.			• InterdisciplinaryLinkages <ul style="list-style-type: none"> History,Sociology
Topic: Food Security in India No. of Periods: 10	<ul style="list-style-type: none"> Overview WhatisFoodSecurity? WhyFoodSecurity? Whoarefoodinsecure? FoodSecurityinIndia WhatisBuffer Stock? What is the Public DistributionSystem? CurrentStatusofPublic Distribution System 	<ul style="list-style-type: none"> Understandtheconceptoffoodsecurity Appreciate and analyze the role of governmentinensuringfoodsupply. 	Video <ul style="list-style-type: none"> Food securityin India 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> FoodSecurity InIndia Timeline/Concept Mapping Discussion of Scoring Points/ MarkingScheme/ SampleQuestions Project <ul style="list-style-type: none"> Final Submission 	<ul style="list-style-type: none"> • CoreSkills <ul style="list-style-type: none"> Critical thinking, Problem solving,DecisionMaking, InterpersonalRelationship • ArtIntegration <ul style="list-style-type: none"> Discussion on ways of ensuringfoodsecurityin India • InterdisciplinaryLinkages <ul style="list-style-type: none"> History,Sociology, Political Science
January	Revision				
February	AnnualExamination				

ANNUAL CURRICULUM PLAN

CLASS -IX (SESSION:2024-25)

Computer Science

Computer Science	Term-1	Term-2
	<ul style="list-style-type: none">➤ HTML Project<ul style="list-style-type: none">• The River system of India➤ PowerPoint Presentation<ul style="list-style-type: none">• Mission Mangal➤ 'C' Programming<ul style="list-style-type: none">• Assignment of complete grade sheet of student	<ul style="list-style-type: none">➤ PowerPoint Presentation<ul style="list-style-type: none">• School Presentation• Science-Structure of Atom• social-Disaster Management• Global Warming-Save energy & Reduce Pollution• Product Advertisement-Mobile• Trends in Wireless Computing➤ MS Excel<ul style="list-style-type: none">• Preparing entire Mark sheet along with all subject marks, total, percentage & Grades➤ MS Word<ul style="list-style-type: none">• Biodata• Application

**Schedule&Syllabus(Projects)(Session:
2024-25)**

**CurriculumPlanofComputer
Science(Session:2024-25)**

BookPrescribed:ZoomIntocomputers

Month	Theory	Activities	Practical/Project
April- LearnToUse Access 2007	<ul style="list-style-type: none"> ➤ IntroductionofHTML ➤ FeaturesofHTML ➤ Toolsrequiredtoreateawebpage ➤ TermsinHTML ➤ StructureofanHTMLDocument ➤ Creating&savingHTMLdocumentwithtexteditor ➤ ViewinganHMLdocumentinweb browser ➤ Addingheaders ➤ Addingparagraphs ➤ Addinglinebreaks ➤ Drawinghorizontalline <ul style="list-style-type: none"> • addingcolor,widthtolines ➤ Formattingtext ➤ Marquee text ➤ Addingcomments ➤ Settingbackgroundcolor ➤ Insertingimages ➤ Settingimageasa background ➤ Creatinglists ➤ CreatingTables ➤ Insertingpictures,images ➤ InsertingHyperlink 	<ul style="list-style-type: none"> ➤ Understandthetoolsrequired to create web page <ul style="list-style-type: none"> • Texteditor • AWebBrowser • AwebServer ➤ TermsinHTML ➤ HTMLTag- <ul style="list-style-type: none"> • Empty-nonempty • Attributes • Values • Nesting tags • Specialsymbols ➤ StructureofHTML ➤ BasicsyntaxofHTML ➤ CreatingHTMLdocumentin text editor- Notepad ➤ Savingit asname.html ➤ Viewingthesameinwebbrowser ➤ CreatewebpageusingHTML ➤ Addheader,paragraph,line breaks ➤ Drawhorizontalrules&add color to the lines 	<ul style="list-style-type: none"> ➤ Lab Htmltagpracticefor <ul style="list-style-type: none"> • List, • Tables • Images • Hyperlink • Audios • Vedios ➤ HTMLProject <ul style="list-style-type: none"> • The River systemofIndia

		<ul style="list-style-type: none"> ➤ changefont,fontsize,fontcolor and font style ➤ AddMarqueeffect ➤ AddcommentinHTML document ➤ Insertimages ➤ Changethebackground ➤ Createtables ➤ CreateLists <ul style="list-style-type: none"> • orderedlist • unorderedlist • nestedlist • Definitionlist ➤ Inserthyperlinks 	
May	Vacation		
June TheComputer System	<ul style="list-style-type: none"> ➤ Introduction ➤ CharacteristicsofaComputerSystem ➤ ApplicationsofaComputerSystem ➤ ComponentsofaComputerSystem:InputUnit,Central ProcessingUnit(CPU),OutputUnit,SecondaryMemory ➤ ComputerPeripherals ➤ InputDevicesKeyboard,Mouse,Joystick,Trackball,Scanner, OCR, MICR, OMR, Bar Code Reader, Microphone, Light Pen, Digital Camera, Web Camera ➤ OutputDevices:VisualDisplayUnit,Printers,Plotters, Speakers Robots and Machine Tools ➤ ConceptofComputerMemory:PrimaryMemory,Cache memory, Units of memory, Secondary Memory 	<ul style="list-style-type: none"> ➤ Make a list of Input and Outputdevicesfoundonthe computersinyourcomputer laboratory. ➤ Ifyouhavescannerinyour lab or home scan your photograph andstore iton the hard disk. ➤ TrytofindoutthesizeofRAM on the computer you are working on. 	

Month	Theory	Activities	Practical/Project
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July Computer Languages And Software	<ul style="list-style-type: none"> ➤ Introduction ➤ Types of Computer Languages: Low Level languages, High Level Languages, 4GLs ➤ Generation of Languages ➤ Classification of Computer Software : System Software, Application Software, Utility Software 	<ul style="list-style-type: none"> ➤ Make a list of third generation languages. ➤ Make a list of various database management system software and also state their advantages ➤ What operating system software does your server use? ➤ Use the Disk Management tools, Disk Cleanup and Disk Defragmenter. ➤ To open Disk Cleanup, click Start All Programs - Accessories - System Tools - Disk Clean up. Or Click Start, click Run, and then type clean mgr ➤ Open Disk Defragmenter and check out the options the dialog box provides. To open Disk Defragmenter, click Start - All Programs - Accessories - System Tools - Disk Defragmenter. 	
August Communication Technology	<ul style="list-style-type: none"> ➤ Introduction ➤ Computer Network: Need for Computer Network ➤ Types of Computer Networks ➤ Internet: Application Areas of Internet, Internet Requirements ➤ Modem: Internal Modem, External Modem ➤ Components of a Computer Network ➤ Types of Communication Medium: Wired Networking Technology. Wireless Networking Technology ➤ Data Vs Information ➤ Multimedia: Data vs Multimedia, Elements of Multimedia, Some Applications Areas of Multimedia, Hardware Requirements for 	<ul style="list-style-type: none"> ➤ Do you have a computer network in your computer lab or at school? If yes, how many workstations are connected to it? ➤ If you have different networks in your lab and school, identify the position of the main servers. ➤ Which operating system software does your server use? ➤ Open a multimedia software and listen to your favourite song and check out a few photographs 	<p>Make a list of the latest networking devices, communication media and their uses</p>

	Multimedia,FileFormats		
September	Lab-Practical–HTML&PracticaalexamforTerm-1 HALF YEARLY EXAMINATION- Project		

Month	Theory	Activities	Practical/Project
October OperatingSystem	<ul style="list-style-type: none"> ➤ Introduction ➤ WhatisanOperatingSystem?Needforan Operating System ➤ FunctionsofOperatingSystem ➤ Types of Operating System : Types of Operating System Based on User Interaction,TypesofOperatingSystem Based on Their Functionality ➤ Commonly Used Operating Systems Windows,Unix,MacS.Linux.Solaris,Boss ➤ MobileOperatingSystem:Android, Symbian,iOS,WindowsMobile 	<ul style="list-style-type: none"> ➤ Describeallthefunctionsofan operating system ➤ Giveexamplesforeachofthe following operating systems. <ul style="list-style-type: none"> • GUI • CUI • SingleUser • Multi-User • Real-Time • Distributed 	
November Advanced Features Of MicrosoftWord	<ul style="list-style-type: none"> ➤ Introduction ➤ AutoFormattinggaTable ➤ InsertingShapes:Groupingand Ungrouping Shapes ➤ InsertingMathematicalSymbolsand Equations ➤ TrackChanges:HowtoDoTrackChanges, Accepting or Rejecting Changes Review Comments ➤ MailMerge:ComponentsofaMailMerge, 	<ul style="list-style-type: none"> ➤ Createabirthdaycardforyourbest friend using Word Art, ClipArt and Shapes ➤ Set Track changes feature enabled. Makechangesonfivedifferentlines in your document. Notice the redlines appearing under the changes. Accept three changes and reject the other two using options fromtheChangesgrouponthe 	<ul style="list-style-type: none"> ➤ PrepareatabulardatainMSWord with the names of at least ten countries with their capital and currencyApplyAuto-formattingon the table. ➤ MSWord <ul style="list-style-type: none"> • Biodata • Application

	Performing a Mail Merge. ➤ Keyboard Shortcuts in MS Word	Review tab. ➤ Create an invitation card for your birthday party. Send it to five friends using mail merge.	
December Introduction To Microsoft Excel & Formulae, Functions And Charts	➤ Introduction, ➤ What is a Spreadsheet? ➤ Features of MS Excel. ➤ Exploring MS Excel: Launching and Exiting MS Excel, MS Excel Basics, Components of an MS Excel window ➤ Working with MS Excel : Creating a Worksheet, Working with a Worksheet : Entering Numbers, Text. Formulae, Date Time, Saving a Workbook, Auto Fill Feature in MS Excel ➤ Editing and Formatting Worksheets: Simple Editing, Changing Font, Colour, Size, Text Alignment Orientation ➤ Formatting Numbers, Shortcuts for Number Formatting ➤ Adding Borders to Cells ➤ Adjusting Row Height and Column Width ➤ Inserting Blank Cells, Rows, Columns, ➤ Deleting Cells Rows, Columns: Erasing Data in the Cells, Erasing Data in Entire Worksheet ➤ Keyboard Shortcuts in MS Excel ➤ Using Formulae ➤ Operators: Arithmetic Operators, Comparison Operators, ➤ Copying Formulae ➤ Types of Cell Referencing : Relative Referencing, Absolute Referencing. Mixed Referencing,	➤ Create a worksheet showing numbers and their different formats ➤ On a worksheet create the following different series using Auto Fill features or dragging <ul style="list-style-type: none"> • Days of the week • Months of the year • Multiples of nine • R01, R02, R03.. ➤ Create the following worksheet and save the worksheet and save the worksheet as AdhocPay.xlsx	➤ ➤ MS Excel <ul style="list-style-type: none"> • Preparing entire Mark sheet along with all subject marks, total, percentage & Grades

	<ul style="list-style-type: none"> ➤ UsingFunctions:Sum,AverageCount, Max, Min, IF ➤ UsingAutoSum ➤ UsingtheFunctionWizard ➤ Charts in MS Excel: Type of Charts, ComponentsofaChart,InsertingCharts ➤ Formatting Charts: Changing Chart Type, ChangingChartOptions,ChangingColours on the Chart ➤ PrintingWorksheets/Charts ➤ AddingDataTablesintoMSExcel ➤ KeyboardShortcutsinMSExcel 		
January Microsoft Powerpoint	<ul style="list-style-type: none"> ➤ Introduction ➤ PresentationSoftware ➤ FeaturesandApplicationsofMS PowerPoint ➤ ExploringMSPowerPointLaunchingand Exiting MS PowerPoint, ➤ ComponentsofMSPowerPointWindow Title bar, Ribbon, Quick Access Toolbar, Officebutton,ViewButtons,StatusBar, Ruler,Slide ➤ DifferentViewsofSlidesNormalView,Slide Sorter View Slide Show View ➤ Working With Microsoft PowerPoint Creating a PowerPoint Presentation, Slide layouts, Adding a New Side, Selecting MultipleSlides,Deletingaslide.Movingor Rearranging a Slide, Adding Titles and Subtitles ➤ Formatting a Slide Changing Slide Design, Changing Slide Layout, Changing Colour Schemes,EditingColourSchemesChanging SlideBackground,FormattingFonts,Adding 	<ul style="list-style-type: none"> ➤ CreatethispresentationonAir Pollution <ul style="list-style-type: none"> • Modify slides by adding dataintotables,charts,etc. • Convertalltitlesusing Word Art. • Insertdateonrightcorner of each slide. • Givetransitioneffects • Animatethetextand pictures 	<ul style="list-style-type: none"> ➤ PowerPointPresentation <ul style="list-style-type: none"> • SchoolPresentation • Science-StructureofAtom • social-DisasterManagement • GlobalWarming-Saveenergy & Reduce Pollution • ProductAdvertisement-Mobile Trends in Wireless Computing

	<p>BulletsandNumbering.</p> <ul style="list-style-type: none"> ➤ InsertingHeaderandFooter ➤ InsertingPicturesInsertingPicturesfrom Clipart, Inserting Charts & SmartArt, Inserting Shapes, ➤ GroupingandUngroupingObjects, ➤ InsertingTables, ➤ TheSlideMaster ➤ Watermarks:AddingaWatermark,Setting Watermark as a Background ➤ AddingSoundEffects ➤ AddingAnimationSchemes ➤ Creating Slide Shows Setting up a Slide Show,RehearsingSlideTimings,Viewinga Slide Show ➤ PrintingSlideHandout ➤ KeyboardShortcutsinMSPowerPoint 		
February	<p>LabPracticeForMSWord,MSPowerpoint,MSWordandPracticalAnnualExamination Project - MS Word, MS Power point, MS Word</p>		