

ANNUAL PEDAGOGIAL PLAN

SESSION 2025-26

STD-IX

Mathematics Curriculum Plan (Session 2025-26) STD IX

Month/ Topic	Sub Topic	Miscellaneous
PRIL L-2 Polynomials	<p>1. Introduction by recalling previous knowledge of algebraic Expressions and its type.</p> <p>2. Definition of a polynomial in one variable, with examples and counter examples.</p> <p>Coefficients of a polynomial, terms of a polynomial and zero polynomial.</p> <p>3. Degree of a polynomial. Constant, linear, quadratic and cubic polynomials. Monomials, binomials, trinomials.</p> <p>4. Value of polynomial Zeros of a polynomials with examples</p> <p>5.. Motivate and State the Remainder Theorem with examples.</p> <p>6. Division Algorithm and its verification by Long Division method</p> <p>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.</p> <p>8 .Recall of algebraic expressions and identities. Verification of identities: $(x + y + z)^2 = x^2 + y^2 + z^2 + 2xy + 2yz + 2zx, \quad (x \pm y)^3 = x^3 \pm y^3 \pm 3xy(x \pm y),$ $x^3 - y^3 = (x - y)(x^2 + xy + y^2), \quad x^3 + y^3 = (x + y)(x^2 - xy + y^2)$ $x^3 + y^3 + z^3 - 3xyz = (x + y + z)(x^2 + y^2 + z^2 - xy - yz - zx)$ and their use in factorization of polynomials.</p>	<ul style="list-style-type: none"> • Lab Activity <ul style="list-style-type: none"> 1. Demonstration of Identity $a^2 - b^2 = (a + b)(a - b)$ 2. To verify number of zeros of quadratic and cubic polynomials by graphical method • Worksheet <ul style="list-style-type: none"> o Polynomials • Discussion of Scoring Points/ Marking Scheme/Sample Questions
APRIL L- 12 Heron's Formula	<p>1. Introduction to the topic</p> <p>2. Area of a triangle using $\frac{1}{2} b \times h$</p> <p>3. Area of an equilateral triangle using formula $\frac{\sqrt{3}}{4} a^2$</p> <p>4. Area of a triangle using Heron's formula (without proof) and its application in finding the area of a Quadrilaterals</p>	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> o Areas • Discussion of Scoring Points/ Marking Scheme/Sample Questions
JUNE L- 15 Topic: Probability	<p>1. History, Repeated experiments and observed frequency approach to probability.</p> <p>2. Focus is on empirical probability. (A large amount of time to be devoted to group and to individual activities to motivate the concept; the experiments to be drawn from real – life situations, and from examples used in the chapter on statistics).</p>	<input type="checkbox"/> Assignment <ul style="list-style-type: none"> o Probability <p>Discussion of Scoring Points/ Marking Scheme/Sample Questions</p>

JUNE L- 6 Topic: Lines and Angles	<ol style="list-style-type: none"> (Motivate) If a ray stands on a line, then the sum of the two adjacent angles so formed is 180° and the converse. (Prove) If two lines intersect, vertically opposite angles are equal. (Motivate) Results on corresponding angles, alternate angles, interior angles when a transversal intersects two parallel lines. (Motivate) Lines which are parallel to a given line are parallel. (Prove) The sum of the angles of a triangle is 180°. <p>(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.</p>	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Lines and Angles <p>Discussion of Scoring Points/ Marking Scheme/Sample Questions</p>
JULY	PERIODIC TEST – 1 CHAPTER – 2,6,12	
JULY Topic: Real Number	<ol style="list-style-type: none"> 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. 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. Definition of nth root of a real number. Rationalization (with precise meaning) of real numbers 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 <p>Discussion of Scoring Points/ Marking Scheme/Sample Questions</p>
AUGUST L- 5 Topic: Introduction to Euclid's Geometry	<ol style="list-style-type: none"> History - Geometry in India and Euclid's geometry. .Euclid's method of formalizing observed phenomenon into rigorous Mathematics with definitions, common/obvious notions, axioms/ postulates and theorems. The five postulates of Euclid. Equivalent versions of the fifth postulate. Showing the relationship between axiom and theorem, for example: <p>(Axiom) 1. Given two distinct points, there exists one and only one line through them.</p> <p>(Theorem) 2. (Prove) Two distinct lines cannot have more than one point in common.</p>	<ul style="list-style-type: none"> Lab Activity <ul style="list-style-type: none"> 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	<ol style="list-style-type: none"> 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). 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). Two triangles are congruent if the three sides of one triangle are equal to three sides of the other triangle (SSS Congruence). 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) (Prove) The angles opposite to equal sides of a triangle are equal. (Prove) The sides opposite to equal angles of a triangle are equal. (Prove) The side opposite to larger angle is longer (Prove) The angle opposite to longer side is larger (Prove) The sum of any two sides is more than third side 	<input type="checkbox"/> Assignment <ul style="list-style-type: none"> 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.	<ul style="list-style-type: none"> Lab Activity <ul style="list-style-type: none"> Verify that two lines intersect each other at unique point Assignment <ul style="list-style-type: none"> 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	<ol style="list-style-type: none"> (Prove) The diagonal divides a parallelogram into two congruent triangles. In a parallelogram opposite sides are equal, and conversely. In a parallelogram opposite angles are equal, and conversely. (Prove) A quadrilateral is a parallelogram if a pair of its opposite sides is parallel and equal. In a parallelogram, the diagonals bisect each other and conversely. (Prove) In a triangle, the line segment joining the mid points of any two sides is parallel to the third side and in half of it and (motivate) its converse. 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Midpoint Theorem Figure formed by joining midpoints of adjacent sides of 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 <input type="radio"/> Statistics <input type="checkbox"/> Discussion of Scoring Points/ <input type="bullet"/> 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.	<input type="bullet"/> Assignment <input type="bullet"/> Coordinate Geometry <input type="bullet"/> To plot the points and to find the area of figure to obtained. <input type="checkbox"/> Discussion of Scoring Points/ <input type="bullet"/> 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)	<input type="checkbox"/> Assignment <input type="radio"/> Surface Areas and Volumes <input type="checkbox"/> Discussion of Scoring Points/ <input type="bullet"/> 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 angle subtended by an arc at the center is double the angle subtended by it at	<input type="checkbox"/> Lab Activity <input type="radio"/> Verify that angles in the same segment are equal <input type="radio"/> Angle subtended by an arc at the centre is half the angle subtended at any point in the remaining part <input type="radio"/> Angle in a semicircle is a right angle <input type="checkbox"/> Assignment <input type="radio"/> Circles <input type="checkbox"/> Discussion of Scoring Points/ <input type="bullet"/> 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.</p> <p>(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	<p>Review concept of area, recall area of a rectangle.</p> <p>1. (Prove) Parallelograms on the same base and between the same parallels have equal area.</p> <p>(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 <ul style="list-style-type: none"> ○ 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°, 90°, 45° 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 <ul style="list-style-type: none"> ○ Constructions • Discussion of Scoring Points/ Marking Scheme/Sample Questions
MARCH	<p>ANNUAL EXAMINATION</p> <p>ALL CHAPTERS</p> <p>BLUEPRINT AS PER THE CBSE GUIDELINES</p>	

Curriculum Plan of Science
(Session 2025-26)

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 Homogenous 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 <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> • transparency • filtration criterion • stability 2. Preparation of <ul style="list-style-type: none"> a) A mixture b) A compound using iron filings and sulphur powder and distinguishing between these on the basis of: <ul style="list-style-type: none"> (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
				<p>(iii) behaviour towards carbon disulphide as a solvent</p> <p>(iv) effect of heat</p> <p>3. Separation of the components of a mixture of sand, common salt and ammonium</p> <p>4. Perform the following reactions and classify them as physical or chemical changes:</p> <ol style="list-style-type: none"> Iron with copper sulphate solution in water Burning of magnesium ribbon in air Zinc with dilute sulphuric acid Heating of copper sulphate crystals 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				

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 neutrons, Various models of atoms like (a) Thomson's model of atom (b) Rutherford's model of an atom (c) Bohr's model of an atom. Electronic configuration, Valency, atomic number, atomic mass and isobars and isotopes.	Videos to show Various model of atoms like (a) Thomson's model of atom (b) Rutherford's model of an 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 mounts 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 maps 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 a 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	Sub Topic	Audio Visual Inputs	Concept Maps / Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment / Discussion
August & September Topic: Diversity in living organisms No. of Periods: 15	Diversity of plants and animals-basic issues in scientific naming, basis of 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 up to phyla and Chordates up to classes.	Video to show five kingdom classification and characteristic s 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 equations 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	Sub Topic	Audio Visual Inputs	Concept Maps / Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment / Discussion
June & July Topic: Force and Laws of Motion No. of Periods: 12	Half Yearly Examination				
	Concept of Force and Motion, Newton's Laws of Motion, Concept of Inertia, Mass, Concept of Momentum, Conservation of Momentum, Concept of action and reaction force.	Videos to show the concept of Newton's law of motion, law of conservation of Mass.	Interdisciplinary Linkages: Maths Diagrams: Fig 9.4. 9.7, 9.10, 9.14. (NCERT) Art Integration: Drawing figure of show the difference between balanced and unbalanced force, law of conservation of mass.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Force and Laws of Motion 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
August & September Topic: Gravitation No. of Periods: 12	Universal law of gravitation, Force of Gravitation of Earth, Concept of Acceleration due to Gravity, Concept of Mass, Weight and free fall Concept of thrust and pressure, Archimedes' Principle, Concept of buoyancy, Concept of Density, Concept of Relative Density.	Videos to show concept of Universal law of Gravitation, Weight and Mass, Archimedes' Principle, Concept of buoyancy, Concept of Density, Concept of Relative Density.	Interdisciplinary Linkages Maths Diagrams: Fig 10.2, 10.5, (NCERT)	1. Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. 2. Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.	1. Assignment on Gravitation 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
October Topic: Work, Energy & Power No. of Periods: 12	Concept of work done by a force, energy, Kinetic and Potential energy, Law of conservation of energy, Introduction to power Commercial unit of Energy	Videos to show the concept of Kinetic Energy, potential energy and law of conservation of energy.	Interdisciplinary Linkages: Maths Diagrams: Fig 11.7, 11.8. Art Integration: Drawing figures to show potential energy of an object.	Discussion of Practical based Questions and revision of practicals.	1. Assignment on Work, Energy & Power 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
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 ultra sound, 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 Laws 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	Sub Topic	Audio Visual Inputs	Concept Maps / Diagrams/ Interdisciplinary Linkages/ Art Integration	Practical	Assignment / Discussion
December Topic: Improvement in Food Resources No. of Periods: 10	Periodic Test – 2				
	Plant and animal breeding and selection for quality improvement and management, use of fertilizers, manures protection from pests and diseases: organic farming	Videos to show Organic farming, difference between manure and fertilizers.	Art Integration: Drawing figures to show different types of Crops.	Discussion of Practical based Question and revision of practicals.	1. Assignment on Improvements in Food Resources. 2. Discussion of Scoring Points/ Marking Scheme/ Sample Questions
January	Revision				
February	Annual Examination				

Curriculum Plan of English Language and Literature (Session 2025-26)

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
April Beehive • Prose 1 The Fun They Had • Prose 2 The Sound of Music • Poem 1 The Road Not Taken Moments • 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 • Poem 2 Wind • Poem 3 Rain On The Roof • Prose 3 The Little Girl Moments • Lesson 2 The Adventure of Toto • Lesson 3 Iswaran the Storyteller			Periodic Test – 1	
			<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

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
July Beehive • Prose 4 A Truly Beautiful Mind • Prose 5 The Snake and The Mirror • Poem 4 The Lake Isle Of Innisfree • Poem 5 A Legend of the Northland Moments • Lesson 4 In The Kingdom Of Fools	<ul style="list-style-type: none"> Understanding the Genre <ul style="list-style-type: none"> Biography Fiction Ballad 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 detail, Reading for pleasure, Extended reading, Silent Reading, Scanning Speaking Skills <ul style="list-style-type: none"> Role play, PPt presentation Writing Skills <ul style="list-style-type: none"> Story 	<ul style="list-style-type: none"> Inter-disciplinary Linkage <ul style="list-style-type: none"> Geographical location of Ireland and the Lake Isle Science of Theory of Relativity Core Life Skills <ul style="list-style-type: none"> Self – awareness, Critical and Creative thinking Core Values Concern- <ul style="list-style-type: none"> Responsibility towards one's work, Appreciation for beauty and Aesthetics
August Beehive • Prose 6 My Childhood • Poem 6 No Men Are Foreign Moments • Lesson 5 The Happy Prince • Lesson 6 Weathering the Storm in Ersama	<ul style="list-style-type: none"> Understanding the Genre <ul style="list-style-type: none"> Non-fiction Autobiography Short story Non narrative poem 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"> Speech Writing Skills <ul style="list-style-type: none"> Article 	<ul style="list-style-type: none"> Inter-disciplinary Linkage <ul style="list-style-type: none"> Preparedness during a calamity Core Life Skills <ul style="list-style-type: none"> Empathy, Decision making Core Values Concern <ul style="list-style-type: none"> Love, Care and Compassion
September	Half Yearly Examination			
Beehive • Poem 7 The Duck And The Kangaroo Moments • Lesson 7 The Last Leaf	<ul style="list-style-type: none"> Understanding the Genre <ul style="list-style-type: none"> Fable Short story Central Idea 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Literature lessons and Poem Discussion of Scoring Points/ 	<ul style="list-style-type: none"> Listening Skills <ul style="list-style-type: none"> Dictation, Oral Comprehension Check, A/V Inputs Reading Skills <ul style="list-style-type: none"> Reading for appreciation of poems, Poem Recitation, Reading for detail, 	<ul style="list-style-type: none"> Core Life skills <ul style="list-style-type: none"> Creative thinking, Interpersonal relationship Core Values Concern <ul style="list-style-type: none"> Respect and care for 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"> ○ Inter personal 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"> ○ Inter personal relationship • Core Values Concern <ul style="list-style-type: none"> ○ Responsibility towards one's work /duty

Month Topic	Theme/Audio Visual Inputs	Assignment /Discussion	Listening, Speaking, Reading and Writing Skills	Core Skills/Art Integration/ Interdisciplinary Linkages
December Beehive <ul style="list-style-type: none">• Prose 10 Kathmandu• Prose 11 If I Were YouMoments• Lesson 10 The Beggar			Periodic Test - 2	
	<ul style="list-style-type: none">• Understanding the Genre-<ul style="list-style-type: none">○ Travelogue○ One act play○ Realistic 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 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">○ Role play• Writing Skills<ul style="list-style-type: none">○ Story	<ul style="list-style-type: none">• Inter-disciplinary Linkage<ul style="list-style-type: none">○ Geographical identity of Nepal• Core Life Skills<ul style="list-style-type: none">○ Inter personal relationship, Empathy• Core Values Concern<ul style="list-style-type: none">○ Social Responsibility, Respect and care for humanity
January			Revision	
February			Annual Examination	

कक्षा - ७वीं

हिन्दी 'ब' पाठ्यक्रम विभाजन

महीना / विषय वस्तु	विषय / ऑडियो /वीडियो	असाइनमेंट / परिचर्चा	सुनना, बोलना, पढना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
<p>अप्रैल स्पर्श -गद्य भाग vtx - 1. Oq~ स्पर्श -पद्य भाग vtx - 9. yc fUimu Aqxu htb ltb ltb hx ~tde • Yume ~t~ „wS rcl fUtWl fUh vtx - 10. "tunu ÔgtfUhK • JKo rJåAu" • ylwôJth • lwÿUt लेखन • पत्र लेखन</p>	<ul style="list-style-type: none"> शब्दार्थ ज्ञान, शब्दों का सही उच्चारण शब्द-भंडार में वृद्धि सूक्तिपरक वाक्यों का ज्ञान वर्णों के प्रकार, पंचम वर्णों का ज्ञान, अन्य भाषा शब्द 	<ul style="list-style-type: none"> निम्नलिखित पाठों पर आधारित लेखन कार्यों पर परिचर्चा व कॉपी में करना। गद्य भाग : पाठ- 1 पद्य भाग : पाठ- 9,10 व्याकरण JKo-rJåAu", ylwôJth, lwÿUt लेखन पत्र लेखन अनुच्छेद क पत्र लेखन, अनुच्छेद लेखन 	<ul style="list-style-type: none"> सुनना – प्रश्नोत्तरी सुनकर अर्थ ग्रहण करना। बोलना – ग्रामीण और शहरी सभ्यता के मध्य अंतर, (समूह चर्चा) पढना – पाठ्य पुस्तक में निहित पाठ तथा दोहे वाचन का पठन लिखना – भारत गाँवों का देश पर लेखन 	<p>गद्य भाग</p> <ul style="list-style-type: none"> vtx-1 ग्रामीण गरीब तबका – शहरी धनी वर्ग की जीवनर्चया में अंतर (सामूहिक चर्चा) <p>पद्य भाग</p> <ul style="list-style-type: none"> पाठ -9 आधुनिक समय में भक्ति-भावना का महत्व पाठ -10 कम शब्दों में बड़ी-बड़ी बातों को कहना तथा सामाजिक व्यवस्था की शिक्षा लेखन – मन के जीते जीत पर अनुच्छेद लेखन

• अनुच्छेद मई	ग्रीष्मावकाश		
जून स्पर्श - गद्य भाग vtx-2. "w:F fUt yrOfUth स्पर्श - पद्य भाग vtx-11. yt"belbtbt mkag1 vtx - 1 rdö~q OgtfUhK • उपसर्ग • संधि • विराम चिन्ह लेखन • चित्र-वर्णन • संवाद लेखन • विज्ञापन लेखन	<ul style="list-style-type: none"> शब्दार्थ ज्ञान, शब्दों का सही उच्चारण शब्द-भंडार में वृद्धि सूक्तिपरक वाक्यों का ज्ञान दोहों और कविता में अंतर का ज्ञान कविता में प्रयुक्त उर्दू शब्दों का ज्ञान 	<ul style="list-style-type: none"> निम्नलिखित पाठों पर आधारित लेखन कार्यों पर परिचर्चा व कॉपी में करना। गद्य भाग : पाठ- 2 पद्य भाग : पाठ- 11 mkag1 पाठ : 1 व्याकरण Wvmrg, mkro (ôJh mkro) rJhtb चित्र-वर्णन, संवाद, विज्ञापन लेखन	<ul style="list-style-type: none"> सुनना – पाठ्य पुस्तक पर आधारित प्रश्नोत्तरी। बोलना – पालतू जानवरों से सम्बंधित छात्रों के अनुभव। पढ़ना–पाठ्य-पुस्तक में निहित पदों का लयबद्ध का वाचन। लिखना – सामाजिक व्यवस्था से सम्बन्धित दो पड़ोसियों के मध्य संवाद।

महीना / विषय वस्तु	विषय / ऑडियो / वीडियो	असाइनमेंट /परिचर्चा	सुनना, बोलना, पढ़ना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
जुलाई परीक्षा – यूनिट – 1 स्पर्श - गद्य भाग vtx - 3.	<ul style="list-style-type: none"> शब्दार्थ ज्ञान, वर्णों का ज्ञान अनुस्वार शब्दों 	<ul style="list-style-type: none"> निम्नलिखित पाठों 		

<p>YJhuôx : buhe rNFh gt°tt ÔgtfUhK <ul style="list-style-type: none"> JKo rJåAu" • अनुस्वार • प्रत्यय <p>लेखन</p> <ul style="list-style-type: none"> • पत्र लेखन • अनुच्छेद लेखन </p>	<p>का ज्ञान , प्रत्यय से बननेवाले शब्दों का ज्ञान</p>	<p>पर आधारित लेखन कार्यों पर परिचर्चा व कॉपी में करना गद्य भाग : पाठ- 3</p> <p>व्याकरण</p> <ul style="list-style-type: none"> JKo rJåAu" • अनुस्वार, प्रत्यय लेखन • अनुच्छेद लेखन • पत्र लेखन 	<ul style="list-style-type: none"> सुनना – कर्मवीर लोगों के प्रसंग सुनना बोलना –महा -पुरुषों के साहसिक कार्यों का वर्णन पढ़ना – पाठ्य पुस्तक में का पठन लिखना – पहाड़ों पर पिकनिक जाने की अनुमति के लिए पिता को पत्र 	<ul style="list-style-type: none"> पाठ – 3 लेखिका के साहसपूर्ण कार्यों पर सामूहिक चर्चा पहाड़ी क्षेत्र की कठिनाइयों का वर्णन प्रथम भारतीय महिला पर्वतारोही के रूप में वर्णन एवरेस्ट पहाड़ी की दुर्गम चढ़ाई का वर्णन
<p>ydô „ स्पर्श – गद्य भाग पाठ - 4. „wb fUC stytudu , yr „rf (mkag1) पाठ 2 . ôbDr „ ÔgtfUhK <ul style="list-style-type: none"> • उपसर्ग • संधि • प्रत्यय </p>	<ul style="list-style-type: none"> • शब्दार्थ ज्ञान, शब्दों का सही उच्चारण ,शब्दों को जोड़ना और तोड़ना, प्रत्यय ,उपसर्ग शब्दों में अर्थ परिवर्तन • सूक्तिपरक वाक्यों का ज्ञान 	<ul style="list-style-type: none"> • निम्नलिखित पाठों पर आधारित लेखन कार्यों पर परिचर्चा व कॉपी में करना गद्य भाग : पाठ- 4 संचयन : पाठ- 2 व्याकरण • उपसर्ग, संधि , प्रत्यय लेखन • v°t लेखन • ylwåAu" 	<ul style="list-style-type: none"> सुनना – पाठ्य -पुस्तक पर आधारित प्रश्नोत्तरी बोलना – शहरी जीवन के छात्रों के स्वयं के अनुभव पढ़ना – पाठ्य पुस्तक में का पठन लिखना – 	<ul style="list-style-type: none"> मध्यम वर्गीय परिवार की परेशानियों के बीच अतिथि और आतिथेय के कर्तव्यों का पालन • बुरी आदतों को सुधारने और अच्छी आदतों को निखारने तथा अपनाने का प्रयास

लेखन <ul style="list-style-type: none"> • चित्र-वर्णन • संवाद लेखन • विज्ञापन लेखन 		लेखन, <ul style="list-style-type: none"> • संवाद लेखन • अंक योजना व आदर्श प्रश्नपत्र पर चर्चा 	कश्मीर और 370 पर दो नागरिकों के मध्य संवाद।	
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महीना / विषय वस्तु	विषय / ऑडियो /वीडियो	असाइनमेंट /परिचर्चा	सुनना, बोलना, पढ़ना और लिखना	जीवन कौशल / अंतर्विषयी कार्य
rm,,öch टर्म - 1 <p>स्पर्श –गद्य भाग vtx - 6 .fUea ·z fUt fUtÔg संचयन पाठ - 3 . fUÖ~q fwUönth fUe wltfUtxe (केवल पठन हेतु) ÔgtfUhk • ylwôJth • lwyUt लेखन • संवाद लेखन</p>	<ul style="list-style-type: none"> • शब्दार्थ ज्ञान, शब्दों का सही उच्चारण अनुस्वार का उत्पत्ति स्थान • विदेशी भाषा (अरबी-फारसी) के शब्दों का ज्ञान 	<ul style="list-style-type: none"> • निम्नलिखित पाठों पर आधारित लेखन कार्यों पर परिचर्चा व कॉपी में करना गद्य भाग : पाठ- 6 संचयन • व्याकरण • ylwôJth ,lwyUt लेखन • संवाद लेखन • पत्र लेखन 	<ul style="list-style-type: none"> • सुनना – किसान के लिए मिट्टी या कीचड़ का महत्व सुनना • बोलना – कीचड़ का महत्व अन्न के उत्पादेय के रूप में चर्चा • पढ़ना – पाठ्य पुस्तक में का पठन • लिखना – पत्र- लेखन 	<ul style="list-style-type: none"> • vtx - 6 गीली मिट्टी तथा कीचड़ के सौन्दर्य का वर्णन कल्पना की दृष्टि से। • समुद्री किनारों व नदियों के किनारों का वर्णन • मिट्टी पर छपे जानवरों तथा पक्षियों के पद- चिन्हों के सौन्दर्य पर चर्चा

• पत्र लेखन				
<p>yxqčch</p> <p>स्पर्श - गद्य भाग</p> <p>पाठ - 7. 0 fUe yt · z</p> <p>स्पर्श - पद्य भाग</p> <p>पाठ - 12 YfU VqU~ fUe atn</p> <p>ÔgtfUhK</p> <ul style="list-style-type: none"> • स्वर- संधि • व्यंजन-संधि लेखन • चित्र - वर्णन • विज्ञापन लेखन 	<ul style="list-style-type: none"> • शब्दार्थ ज्ञान, शब्दों का सही उच्चारण • शब्द-भंडार में वृद्धि • सूक्तिपरक वाक्यों का ज्ञान 	<ul style="list-style-type: none"> • निम्नलिखित पाठों पर आधारित लेखन कार्यों पर परिचर्चा व कॉपी में करना । गद्य भाग : पाठ- 7 गद्य भाग : पाठ- 12 व्याकरण • संधि (स्वर-संधि), व्यंजन-संधि लेखन • चित्र-वर्णन, विज्ञापन लेखन 	<ul style="list-style-type: none"> • सुनना – पाठ्य - पुस्तक पर आधारित प्रश्नोत्तरी । • बोलना – धर्म का महत्व तथा उपादेयता पर चर्चा • पढ़ना – पाठ्य पुस्तक में का पठन • लिखना – विज्ञापन के लिए स्लोगन लिखना । 	<ul style="list-style-type: none"> • पाठ – 7 भारतीय धार्मिक तथा सामाजिक मान्यताओं पर चर्चा • पाठ - 7 वर्तमान धार्मिक घटनाओं पर विचार प्रस्तुतिकरण । • पाठ-12 छुआळूत जैसी बुराइयों को दूर करने के उपाय पर सामूहिक चर्चा
<p>1cöch</p> <p>स्पर्श - पद्य भाग</p> <p>पाठ - 15. 1Y R~t fUu bu.....</p> <ul style="list-style-type: none"> • FwNcq ha,,u nt f ÔgtfUhK • वर्ण-विच्छेद • ylwôJth • 1wÿUt लेखन • पत्र लेखन 	<ul style="list-style-type: none"> • शब्दार्थ ज्ञान, शब्दों का सही उच्चारण • शब्द-भंडार में वृद्धि 	<ul style="list-style-type: none"> • निम्नलिखित पाठों पर आधारित लेखन कार्यों पर परिचर्चा व कॉपी में करना । • पद्य भाग :पाठ- 15 ÔgtfUhK • वर्ण-विच्छेद, ylwôJth , 1wÿUt लेखन • पत्र लेखन • अनुच्छेद लेखन 	<ul style="list-style-type: none"> • सुनना – पाठ्य - पुस्तक पर आधारित प्रश्नोत्तरी । • बोलना – अजनबी शहर और लोगों के विषय में चर्चा । • पढ़ना – अतुकांत कविता का पठन । • लिखना – भारतीय संस्कृति पर अनुच्छेद लेखन 	<ul style="list-style-type: none"> • पाठ – 15 शहरी जीवन में बदलाव पर निरीक्षण करते हुए 'नए अनुभव' पर अनुच्छेद लेखन। • नित प्रति बदलती दुनिया की जानकारी । • अजनबी शहर में पहचान की परेशानियों पर चर्चा ।

<ul style="list-style-type: none"> • अनुच्छेद लेखन 	<ul style="list-style-type: none"> r"möch स्पर्श-पद्य भाग पाठ - 14 . yrÉlvf ÔgtfUhK • उपसर्ग • विराम -चिन्ह लेखन • चित्र-वर्णन • संवाद लेखन • विज्ञापन लेखन 	<ul style="list-style-type: none"> • शब्दार्थ ज्ञान, शब्दों का सही उच्चारण • शब्द-भंडार में वृद्धि • सूक्तिपरक वाक्यों का ज्ञान 	<ul style="list-style-type: none"> • निम्नलिखित पाठों पर आधारित लेखन कार्यों पर परिचर्चा व कॉपी में करना । पद्य भाग : पाठ- 14 ÔgtfUhK • उपसर्ग ,विराम - चिन्ह लेखन • चित्र-वर्णन • संवाद लेखन • विज्ञापन लेखन 	<ul style="list-style-type: none"> • सुनना - 'जीवन संघर्षमय है' महापुरुषों के प्रसंग सुनना । • बोलना - कर्मठता और लगनशीलता पर चर्चा • पढ़ना - पाठ्य पुस्तक में का पठन। • लिखना - प्रिय कवि की कविता लेखन । 	<ul style="list-style-type: none"> • पाठ -14 जीवन के प्रति उत्साहित करते हुए " जीवन संघर्षमय है" पर अनुच्छेद । • पाठ -14 स्वाभिमान जाग्रत संबंधी विचारों पर चर्चा ।
<ul style="list-style-type: none"> slJhe स्पर्श-गद्य भाग पाठ - 8. Nwf½U,,thu fuU mbt1 (mkag1) पाठ 5. ntrb" Ftâ ÔgtfUhK • संधि • प्रत्यय लेखन • पत्र लेखन 	<ul style="list-style-type: none"> • शब्दार्थ ज्ञान, शब्दों का सही उच्चारण • शब्द-भंडार में वृद्धि ,यात्रा वर्णन ,महापुरुषों की जीवनी , समूह चर्चा 	<ul style="list-style-type: none"> • निम्नलिखित पाठों पर आधारित लेखन कार्यों पर परिचर्चा व कॉपी में करना । गद्य भाग : पाठ- 8 संचयन : पाठ- 5 ÔgtfUhK • संधि , प्रत्यय लेखन • पत्र लेखन • अनुच्छेद लेखन 	<ul style="list-style-type: none"> • सुनना - पाठ्य - पुस्तक पर आधारित प्रश्नोत्तरी । • बोलना - कर्मठता और लगनशीलता पर चर्चा • पढ़ना - पाठ्य पुस्तक में का पठन। • लिखना - एतिहासिक इमारतों पर अनुच्छेद लेखन 	<ul style="list-style-type: none"> • पाठ - 8 महादेव भाई जैसे महान व्यक्तित्व पर संक्षिप्त टिप्पणी । • पाठ -5 तक्षशिला के महान इतिहास पर सामूहिक चर्चा । • एतिहासिक धरोहरों पर चर्चा । 	

• अनुच्छेद लेखन				
फरवरी	पुनरावर्तन	पुनरावर्तन	पुनरावर्तन	पुनरावर्तन

Curriculum Plan of Social Science std IX
(Session 2025-26)

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
April Topic: India – Size and Location No. of Periods: 9	<ul style="list-style-type: none"> • Location • Size • India and the World • India's Neighbors 	<ul style="list-style-type: none"> • Identify the location of India in the Indian subcontinent 	Video <ul style="list-style-type: none"> • India – Size and Location 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ◦ India – Size and Location ◦ What is Democracy? Why Democracy? ◦ The story of village Palampur • 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, Decision Making, Effective communication • Art Integration <ul style="list-style-type: none"> ◦ Map work on longitude and latitude of India, Discussion on Ancient Silk route and Sea route • Interdisciplinary Linkages <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? • Features of Democracy • Why Democracy? • Broader meaning of Democracy 	<ul style="list-style-type: none"> • Develop conceptual skills of defining democracy. • Understand how different historical processes and forces have promoted democracy. • Develop a sophisticated defense of democracy against common prejudices. • Develop a historical sense of 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"> • 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 on 'whether democracy is the best form of government or not' • Interdisciplinary Linkages <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 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 	<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"> 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, 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. of Periods: 15	<ul style="list-style-type: none"> French Society During the Late Eighteenth Century The Outbreak of the Revolution France Abolishes Monarchy and Becomes a Republic Did Women have a Revolution? The Abolition of Slavery The Revolution and Everyday Life 	<ul style="list-style-type: none"> Familiarize with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it. Know the use of written, oral and visual material to recover the history of revolutions. 	Video <ul style="list-style-type: none"> The French Revolution 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Creative thinking, Logical thinking, Problem solving, Decision-making Art Integration <ul style="list-style-type: none"> Discussion on 'Impact of the French Revolution on the contemporary world' Interdisciplinary Linkages <ul style="list-style-type: none"> History, Sociology, Geography
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Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/Interdisciplinary Linkages
JULY Topic: Electoral Politics No. of Periods: 10	<ul style="list-style-type: none"> Why Elections? What is our System of Elections? What makes elections in India democratic? 	<ul style="list-style-type: none"> Understand representative democracy via competitive party politics. Familiarize with Indian electoral system. Reason out for the adoption of present Indian Electoral System. Develop an appreciation of citizen's increased participation in electoral politics. Recognize the significance of the Election Commission. 	Video <ul style="list-style-type: none"> Election process in India Various phases of election in India 	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Electoral Politics Drainage Timeline/Concept Mapping Discussion of Scoring Points/Marking Scheme/Sample Questions Project <ul style="list-style-type: none"> Indian election 2019 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Logical thinking, Problem solving, Decision Making, Self - Awareness, Empathy Art Integration <ul style="list-style-type: none"> Debate on 'Challenges to conduct free and fair elections in India' Interdisciplinary Linkages <ul style="list-style-type: none"> History, Sociology, Economics
Topic: Drainage No. of Periods: 09	<ul style="list-style-type: none"> Major rivers and tributaries Lakes Role of rivers in the economy Pollution of rivers 	<ul style="list-style-type: none"> Identify the river systems of the 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"> 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 the rivers of India Interdisciplinary Linkages <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 in formation 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 • Inter disciplinary 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 • Inter disciplinary Linkages <ul style="list-style-type: none"> ◦ Political Science, Sociology

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Climate No. of Periods: 09	<ul style="list-style-type: none"> • Concept • Climatic Controls • Factors influencing India's climate • The Indian Monsoon • Distribution of Rainfall • Monsoon as a unifying bond 	<ul style="list-style-type: none"> • Identify various factors influencing the climate and explain the climatic variation of our country and its impact on the life of the people. • Explain the importance and unifying role of monsoons. 	Video <ul style="list-style-type: none"> • Climate • Flow Chart 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ◦ Climate • 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, Problem solving, Decision Making • Art Integration <ul style="list-style-type: none"> ◦ Map work on Rainfall in India and seasons • Inter disciplinary Linkages <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"> • Why Deforestation? • The Rise of Commercial Forestry • Rebellion in the Forest • Forest Transformations in Java 	<ul style="list-style-type: none"> • Discuss the social and cultural world of forest communities through the study of specific revolts. • Understand how oral traditions can be used to explore tribal revolts. 	Video <ul style="list-style-type: none"> • Forest society and Colonialism 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ◦ Forest Society and Colonialism ◦ Democratic Rights • 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, Decision Making, Self Awareness, Empathy • Art Integration <ul style="list-style-type: none"> ◦ Debate on 'Colonial forest laws and deforestation in India' • Inter disciplinary linkages <ul style="list-style-type: none"> ◦ Geography, Sociology
Topic: Democratic Rights No. of Periods: 10	<ul style="list-style-type: none"> • Life with outrights • Rights in a Democracy • Rights in the Indian Constitution • Expanding the scope of rights 	<ul style="list-style-type: none"> • Recognize the need for rights in one's life. • Understand the availability /access of rights in a democratic system/government. • Identify and be able to comprehend the Fundamental Rights given by the Indian Constitution to its citizens. • Create awareness regarding the process of safeguarding rights. 	Video <ul style="list-style-type: none"> • Fundamental Rights 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ◦ Fundamental Rights 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ◦ Logical thinking, Self Awareness, Empathy, Decision making • Art Integration <ul style="list-style-type: none"> ◦ Discussion on the expanding scope of rights • Inter disciplinary Linkages <ul style="list-style-type: none"> ◦ History, Sociology

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
Topic: Poverty as a Challenge No. of Periods: 12	<ul style="list-style-type: none"> Two typical cases of poverty Poverty as seen by Social Scientists Poverty Estimates Vulnerable Groups Interstate disparities Global Poverty Scenario Causes of Poverty Anti-poverty measures The Challenges Ahead 	<ul style="list-style-type: none"> Understand poverty as a challenge. Identify vulnerable group and interstate disparities Appreciate the initiatives of the government to alleviate poverty. 	Video	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Poverty as a Challenge 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, Problem solving, Decision Making, Empathy, Managing Emotions Art Integration <ul style="list-style-type: none"> Debate on current government's poverty alleviation programmes Interdisciplinary Linkages <ul style="list-style-type: none"> History, sociology
December Topic: Natural Vegetation and Wild Life No. of Periods: 09	Periodic Test - 2				
	<ul style="list-style-type: none"> Factors affecting Vegetation Vegetation types Wildlife Conservation 	<ul style="list-style-type: none"> Explain the nature of diverse flora and fauna as well as their distribution. Develop concern about the need to protect the biodiversity of our country. 	Video	<ul style="list-style-type: none"> Assignment <ul style="list-style-type: none"> Natural Vegetation and Wildlife Population Timeline/ Concept Mapping Discussion of Scoring Points/ Marking Scheme/ Sample Questions Project <ul style="list-style-type: none"> Final Submission 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Problem solving, Decision Making, Empathy, Self-Awareness Art Integration <ul style="list-style-type: none"> Make a list of endangered species of wildlife and make a presentation on ways of conserving them Interdisciplinary Linkages <ul style="list-style-type: none"> History, Sociology, Economics
Topic: Population No. of Periods: 09	<ul style="list-style-type: none"> Size Distribution Population Growth and Process of Population Change 	<ul style="list-style-type: none"> Analyze the uneven nature of population distribution and show concern about the large size of our population. Identify the different occupations of people and explain various factors of population change. Explain various dimensions of National Population Policy and understand the same 	Video	<ul style="list-style-type: none"> Population of India 	<ul style="list-style-type: none"> Core Skills <ul style="list-style-type: none"> Critical thinking, Problem solving, Decision Making, Interpersonal Relationship Art Integration <ul style="list-style-type: none"> Discussion on how to convert India's population into resource

Month Topic	Sub Topic	Learning Objectives	Audio Visual Inputs	Miscellaneous	Core Skills/Art Integration/ Interdisciplinary Linkages
		needs of adolescents as underserved group.			<ul style="list-style-type: none"> • Interdisciplinary Linkages <ul style="list-style-type: none"> ◦ History, Sociology
Topic: Food Security in India No. of Periods: 10	<ul style="list-style-type: none"> • Overview • What is Food Security? • Why Food Security? • Who are food insecure? • Food Security in India • What is Buffer Stock? • What is the Public Distribution System? • Current Status of Public Distribution System 	<ul style="list-style-type: none"> • Understand the concept of food security • Appreciate and analyze the role of government in ensuring food supply. 	Video <ul style="list-style-type: none"> • Food security in India 	<ul style="list-style-type: none"> • Assignment <ul style="list-style-type: none"> ◦ Food Security In India • Timeline/ Concept Mapping • Discussion of Scoring Points/ Marking Scheme/ Sample Questions • Project <ul style="list-style-type: none"> ◦ Final Submission 	<ul style="list-style-type: none"> • Core Skills <ul style="list-style-type: none"> ◦ Critical thinking, Problem solving, Decision Making, Interpersonal Relationship • Art Integration <ul style="list-style-type: none"> ◦ Discussion on ways of ensuring food security in India • Interdisciplinary Linkages <ul style="list-style-type: none"> ◦ History, Sociology, Political Science
January	Revision				
February	Annual Examination				

ANNUAL CURRICULUMPLAN

CLASS -IX (Session 2025-26)

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➤ Power Point 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">➤ Power Point 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">• Bio data• Application

**Schedule &Syllabus (Projects) (Session:
(Session 2025-26)**

**Curriculum Plan of Computer
Science (Session 2025-26)**

Book Prescribed: Zoom Into computers

Month	Theory	Activities	Practical /Project
April - Learn To Use Access 2007	<ul style="list-style-type: none"> ➤ Introduction of HTML ➤ Features of HTML ➤ Tools required to create a web page ➤ Terms in HTML ➤ Structure of an HTML Document ➤ Creating & saving HTML document with text editor ➤ Viewing an HTML document in web browser ➤ Adding headers ➤ Adding paragraphs ➤ Adding line breaks ➤ Drawing horizontal line <ul style="list-style-type: none"> • adding color , width to lines ➤ Formatting text ➤ Marquee text ➤ Adding comments ➤ Setting background color ➤ Inserting images ➤ Setting image as a background ➤ Creating lists ➤ Creating Tables ➤ Inserting pictures, images ➤ Inserting Hyperlink 	<ul style="list-style-type: none"> ➤ Understand the tools required to create web page <ul style="list-style-type: none"> • Text editor • A Web Browser • A web Server ➤ Terms in HTML ➤ HTML Tag- <ul style="list-style-type: none"> • Empty- nonempty • Attributes • Values • Nesting tags • Special symbols ➤ Structure of HTML ➤ Basic syntax of HTML ➤ Creating HTML document in text editor- Notepad ➤ Saving it as name.html ➤ Viewing the same in web browser ➤ Create web page using HTML ➤ Add header, paragraph, line breaks ➤ Draw horizontal rules & add color to the lines 	<ul style="list-style-type: none"> ➤ Lab ➤ Html tag practice for <ul style="list-style-type: none"> • List, • Tables • Images • Hyperlink • Audios • Vedios ➤ HTML Project <ul style="list-style-type: none"> • The River system of India

		<ul style="list-style-type: none"> ➤ change font, font size, font color and font style ➤ Add Marque effect ➤ Add comment in HTML document ➤ Insert images ➤ Change the background ➤ Create tables ➤ Create Lists <ul style="list-style-type: none"> • ordered list • unordered list • nested list • Definition list ➤ Insert hyperlinks 	
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Month	Vacation		
June The Computer System	<ul style="list-style-type: none"> ➤ Introduction ➤ Characteristics of a Computer System ➤ Applications of a Computer System ➤ Components of a Computer System : Input Unit, Central Processing Unit (CPU), Output Unit, Secondary Memory ➤ Computer Peripherals ➤ Input Devices Keyboard, Mouse, Joystick, Trackball, Scanner, OCR, MICR, OMR, Bar Code Reader, Microphone, Light Pen, Digital Camera, Web Camera ➤ Output Devices : Visual Display Unit, Printers, Plotters, Speakers Robots and Machine Tools ➤ Concept of Computer Memory : Primary Memory, Cache memory, Units of memory, Secondary Memory 	<ul style="list-style-type: none"> ➤ Make a list of Input and Output devices found on the computers in your computer laboratory. ➤ If you have scanner in your lab or home scan your photograph and store it on the hard disk. ➤ Try to find out the size of RAM 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 	Make a list of the latest networking devices, communication media and their uses

	Multimedia, File Formats		
September	<p style="text-align: center;">Lab- Practical – HTML & Practical exam for Term-1</p> <p style="text-align: center;">HALF YEARLY EXAMINATION- Project</p>		

Month	Theory	Activities	Practical /Project
October Operating System	<ul style="list-style-type: none"> ➤ Introduction ➤ What is an Operating System? Need for an Operating System ➤ Functions of Operating System ➤ Types of Operating System : Types of Operating System Based on User Interaction, Types of Operating System Based on Their Functionality ➤ Commonly Used Operating Systems Windows, Unix, Mac S. Linux. Solaris, Boss ➤ Mobile Operating System: Android, Symbian, iOS, Windows Mobile 	<ul style="list-style-type: none"> ➤ Describe all the functions of an operating system ➤ Give examples for each of the following operating systems. <ul style="list-style-type: none"> • GUI • CUI • Single User • Multi-User • Real-Time • Distributed 	
November Advanced Features Of Microsoft Word	<ul style="list-style-type: none"> ➤ Introduction ➤ Auto Formatting a Table ➤ Inserting Shapes : Grouping and Ungrouping Shapes ➤ Inserting Mathematical Symbols and Equations ➤ Track Changes : How to Do Track Changes, Accepting or Rejecting Changes Review Comments ➤ Mail Merge: Components of a Mail Merge, 	<ul style="list-style-type: none"> ➤ Create a birthday card for your best friend using Word Art, ClipArt and Shapes ➤ Set Track changes feature enabled. Make changes on five different lines in your document. Notice the redlines appearing under the changes. Accept three changes and reject the other two using options from theChanges group on the 	<ul style="list-style-type: none"> ➤ Prepare a tabular data in MS Word with the names of at least ten countries with their capital and currency Apply Auto-formatting on the table. ➤ MS Word <ul style="list-style-type: none"> • Bio data • Application

	<p>Performing a Mail Merge.</p> <ul style="list-style-type: none"> ➤ Keyboard Shortcuts in MS Word 	<p>Review tab.</p> <ul style="list-style-type: none"> ➤ Create an invitation card for your birthday party. Send it to five friends using mail merge. 	
<p>December</p> <p>Introduction To Microsoft Excel & Formulae, Functions And Charts</p>	<ul style="list-style-type: none"> ➤ 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, 	<ul style="list-style-type: none"> ➤ Create a worksheet showing numbers and their different formats ➤ On a worksheet create the following different series using AutoFill 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 	<p>➤ MS Excel</p> <ul style="list-style-type: none"> • Preparing entire Mark sheet along with all subject marks, total, percentage & Grades

	<ul style="list-style-type: none"> ➤ Using Functions : Sum, Average Count, Max, Min, IF ➤ Using AutoSum ➤ Using the Function Wizard ➤ Charts in MS Excel: Type of Charts, Components of a Chart, Inserting Charts ➤ Formatting Charts: Changing Chart Type, Changing Chart Options, Changing Colours on the Chart ➤ Printing Worksheets/Charts ➤ Adding Data Tables into MS Excel ➤ Keyboard Shortcuts in MS Excel 		
January Microsoft Power point	<ul style="list-style-type: none"> ➤ Introduction ➤ Presentation Software ➤ Features and Applications of MS PowerPoint ➤ Exploring MS Power Point Launching and Exiting MS PowerPoint, ➤ Components of MS PowerPoint Window Title bar, Ribbon, Quick Access Toolbar, Office button, View Buttons, Status Bar, Ruler, Slide ➤ Different Views of Slides Normal View, Slide Sorter View, Slide Show View ➤ Working With Microsoft PowerPoint Creating a PowerPoint Presentation, Slide layouts, Adding a New Slide, Selecting Multiple Slides, Deleting a Slide, Moving or Rearranging a Slide, Adding Titles and Subtitles ➤ Formatting a Slide Changing Slide Design, Changing Slide Layout, Changing Colour Schemes, Editing Colour Schemes Changing Slide Background, Formatting Fonts, Adding 	<ul style="list-style-type: none"> ➤ Create this presentation on Air Pollution <ul style="list-style-type: none"> • Modify slides by adding data into tables, charts, etc. • Convert all titles using Word Art. • Insert date on right corner of each slide. • Give transition effects • Animate the text and pictures 	<ul style="list-style-type: none"> ➤ Power Point Presentation Trends <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

	<p>Bullets and Numbering.</p> <ul style="list-style-type: none"> ➤ Inserting Header and Footer ➤ Inserting Pictures Inserting Pictures from Clipart, Inserting Charts & SmartArt, Inserting Shapes, ➤ Grouping and Ungrouping Objects, ➤ Inserting Tables, ➤ The Slide Master ➤ Watermarks : Adding a Watermark, Setting Watermark as a Background ➤ Adding Sound Effects ➤ Adding Animation Schemes ➤ Creating Slide Shows Setting up a Slide Show, Rehearsing Slide Timings, Viewing a Slide Show ➤ Printing Slide Handout ➤ Keyboard Shortcuts in MS PowerPoint 		
February	<p>Lab Practice For MS Word, MS Power point, MS Word and Practical Annual Examination</p> <p>Project - MS Word, MS Power point, MS Word</p>		