CLASS-XI

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : ENGLISH

Month	Topics to be Covered
June	Prose – The Portrait of a lady Poetry- A photograph Writing – Note Making Grammar – Re-ordering / Transformation of sentence
July	Prose – The summer of the Beautiful White horse Poetry- The Laburnum Top Writing – Classified Advertisement Grammar – Clauses Prose – We are not afraid to die..if we can be together Poetry- The voice of the rain Writing – Debate Grammar – Tenses
August	Prose -The Address, Mother's Day Poetry - Revision Writing - Poster, Speech Grammar - Gap Filling
September	HALF YEARLY EXAM
October	Prose – Discovering Tut: The Saga Continues Poetry- Childhood Writing – Advertisement Grammar –Voice
November	Prose – The Adventure Poetry- Father to son Writing – Article Grammar – Transformation of sentence
December	Prose – Birth ,Silk Road Poetry- Revision Writing –Poster
January	Prose – The Tale of Melon City Poetry- Revision Writing – Revision of short composition and long composition
February	Annual Exam

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : ENGLISH COMMUNICATIVE

Months	Name of chapters
June-July	**Woven Words -** • Prose- The Lament, • Poetry The Peacock, Let me Not to the Marriage of True Minds • Essays :- My Watch **Fiction** : The Old Man and the Sea (Novel unabridged) by Ernest Hemingway **Drama :** Arms and the Man by George Bernard Shaw **Writing Skills** An Essay on an argumentative/discursive/reflective/descriptive topic, leading to creative rendering, forming and defending of opinions, to be answered in 120-150 words.
August	• Prose- A Pair of Mustachios, • Poetry-Coming • Telephone Conversation • Essays- My Three Passions **Fiction:**The Old Man and the Sea (Novel unabridged) by Ernest Hemingway **Drama :** Arms and the Man by George Bernard Shaw **Writing Skills** I. Article on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues. II Speech on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues.
September	**HALF YEARLY EXAM**
October	• Prose- The Rocking-horse Winner, • Poetry-The World is too Much with Us • Essays - Patterns of Creativity **Fiction:** The Old Man and the Sea (Novel unabridged) by Ernest Hemingway **Drama:** Arms and the Man by George Bernard Shaw **Writing Skills** An Essay on an argumentative/discursive/reflective/descriptive topic, leading to creative rendering, forming and defending of opinions, to be answered in 120-150 words. Article on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues. Speech on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues.

CLASS-XI

Months	Name of chapters
November	‣ Prose- The Adventure of the Three Garridebs ‣ Poetry- Mother Tongue ‣ Essays :- Tribal Verse Fiction: The Old Man and the Sea (Novel unabridged) by Ernest Hemingway Drama: Arms and the Man by George Bernard Shaw **Writing Skills** An Essay on an argumentative/discursive/reflective/descriptive topic, leading to creative rendering, forming and defending of opinions, to be answered in 120-150 words. Article on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues. Speech on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues.
December	‣ Prose - Pappachi's Moth ‣ Poetry- Hawk Roosting ‣ Ode to a Nightingale ‣ Essays :- What is a Good Book? Fiction : The Old Man and the Sea (Novel unabridged) by Ernest Hemingway Drama: Arms and the Man by George Bernard Shaw **Writing Skills** An Essay on an argumentative/discursive/reflective/descriptive topic, leading to creative rendering, forming and defending of opinions, to be answered in 120-150 words. Article on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues. Speech on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues.
January	‣ Prose - The Third and Final Continent ‣ Poetry- Ode to a Nightingale ‣ Essays :- The Story, Bridges Fiction: The Old Man and the Sea (Novel unabridged) by Ernest Hemingway Drama: Arms and the Man by George Bernard Shaw **Writing Skills** An Essay on an argumentative/discursive/reflective/descriptive topic, leading to creative rendering, forming and defending of opinions, to be answered in 120-150 words. Article on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues. Speech on one out of two topics to be answered in 120-150 words pertaining to contemporary topical issues.
February	**ANNUAL EXAM**

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : HINDI CORE

माह	विवरण
जून	गद्य भाग आरोह भाग–1 ·ɔ नमक का दारोगा ·ɔ मियां नसीरूद्दीन पद्य भाग आरोह भाग–1 ·ɔ कबीर (हम तौ एक.....) अपठित गद्यांश, पद्यांश
जुलाई	गद्य भाग आरोह ·ɔ अप्पू के साथ ढाई साल ·ɔ विदाई संभाषण पद्य भाग आरोह ·ɔ मीराबाई (मेरे तो गिरधर गोपाल) ·ɔ घर की याद वितान भाग 1 ·ɔ लता मंगेशकर औपचारिक पत्र लेखन
अगस्त	गद्य भाग आरोह ·ɔ गलता लोहा पद्य भाग आरोह ·ɔ घर की याद ·ɔ चंपा काले अक्षर जनसंचार संपूर्ण। अप्रत्याशित विषयों पर रचनात्मक लेखन
सितम्बर	पुनरावृति, अर्धवार्षिक परीक्षा

माह	विवरण
अक्टूबर	गद्य भाग आरोह ·> रजनी पद्य भाग आरोह भाग–1 ·> गजल **वितान** ·> राजस्थान की रजत बूँदें ·> रचनात्मक लेखन – अप्रत्याशित विषय पर लेखन, औपचारिक पत्र लेखन, अपठित गद्यांष पद्यांश
नवम्बर	गद्य भाग आरोह ·> जामुन का पेड़ पद्य भाग आरोह ·> हे भूख मत मचल (दोनों) **वितान** ·> जनसंचार संपूर्ण
दिसम्बर	गद्य भाग आरोह ·> भारत माता पद्य भाग आरोह ·> सबसे खतरनाक **वितान** ·> आलो आँधारि
जनवरी	गद्य भाग आरोह ·> आओ मिलकर बचाएँ पुनरावृति
फरवरी	वार्षिक परीक्षा

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : PHYSICS

Months	Name of chapters
June	**Unit-I : Physical World and Measurements** **Chapter-1 : Units and Measurements** Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. significant figures, Determining the uncertainty in result. Dimensions of physical quantities, dimensional analysis and its applications.
July	**Unit-II : Kinematics** **Chapter-2 : Motion in a Straight Line** Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion, uniform and non- uniform motion, average speed and average velocity and instantaneous velocity, uniformly accelerated motion, velocity-time and position-time graphs. Relations for uniformly accelerated motion (graphical and calculus treatment). **Chapter-3 : Motion in a Plane** Scalar and vector quantities; position and displacement vectors, general vectors and their notations; equality of vectors, multiplication of vectors by a real number; addition and subtraction of vectors, Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors. Motion in a plane, cases of uniform velocity and uniform acceleration- projectile motion, uniform circular motion.
August	**Unit-III : Laws of Motion** **Chapter-4 : Laws of Motion** Intuitive concept of force, Inertia, Newton's first law of motion; momentum and Newton's second law of motion; impulse; Newton's third law of motion. Law of conservation of linear momentum and its applications. Equilibrium of concurrent forces, Static and kinetic friction, laws of friction, rolling friction, lubrication. Dynamics of uniform circular motion: Centripetal force, examples of circular motion (vehicle on a level circular road, vehicle on a banked road).

Months	Name of chapters
August	**Unit-IV : Work, Energy and Power** **Chapter-5 : Work, Energy and Power** Work done by a constant force and a variable force; kinetic energy, work- energy theorem, power. Notion of potential energy, potential energy of a spring, conservative forces: non-conservative forces, motion in a vertical circle; elastic and inelastic collisions in one and two dimensions.
September	**Half Yearly Exam**
October	**Unit-V : Motion of System of Particles and Rigid Body.** **Chapter-6 : System of Particles and Rotational Motion** Centre of mass of a two-particle system, momentum conservation and Centre of mass motion. Centre of mass of a rigid body; centre of mass of a uniform rod. Moment of a force, torque, angular momentum, law of conservation of angular momentum and its applications. Equilibrium of rigid bodies, rigid body rotation and equations of rotational motion, comparison of linear and rotational motions. Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation). **Unit-VI : Gravitation** **Chapter-7 : Gravitation** Kepler's laws of planetary motion, universal law of gravitation. Acceleration due to gravity and its variation with altitude and depth. Gravitational potential energy and gravitational potential, escape speed, orbital velocity of a satellite, energy of an orbiting satellite. **Unit-VII : Properties of Bulk Matter** **Chapter-8 : Mechanical Properties of Solids** Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy. Application of elastic behavior of materials (qualitative idea only).
November	**Chapter-9 : Mechanical Properties of Fluids** Pressure due to a fluid column; Pascal's law and its applications (hydraulic lift and hydraulic brakes), effect of gravity on fluid pressure. Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its simple applications (Torricelli's law and Dynamic lift). Surface energy and surface tension, angle of contact, excess of pressure across a curved surface, application of surface tension ideas to drops, bubbles and capillary rise.

CLASS-XI

Months	Name of chapters
	Chapter-10 : Thermal Properties of Matter Heat, temperature, thermal expansion; thermal expansion of solids, liquids and gases, anomalous expansion of water; specific heat capacity; Cp, Cv-calorimetry; change of state-latent heat capacity. Heat transfer-conduction, convection and radiation, thermal conductivity, qualitative ideas of Blackbody radiation, Wein's displacement Law, Stefan's law.
December	**Unit-VIII : Thermodynamics** **Chapter-11 : Thermodynamics** Thermal equilibrium and definition of temperature, zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics, Second law of thermodynamics: Thermodynamic state variable and equation of state. Change of condition of gaseous state -isothermal, adiabatic, reversible, irreversible, and cyclic processes. **Unit-IX : Behavior of Perfect Gases and Kinetic Theory of Glass** **Chapter-12 : Kinetic Theory** Equation of state of a perfect gas, work done in compressing a gas. Kinetic theory of gases - assumptions, concept of pressure. Kinetic interpretation of temperature; rms speed of gas molecules; degrees of freedom, law of equi-partition of energy (statement only) and application to specific heat capacities of gases; concept of mean free path, Avogadro's number.
January	**Unit-X : Oscillations** **Chapter-13 : Oscillations** Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their applications. Simple harmonic motion (S.H.M), uniform circular motion and its equations of motion; phase; oscillations of a loaded spring-restoring force and force constant; energy in S.H.M. Kinetic and potential energies; simple pendulum derivation of expression for its time period. **Chapter-14 : Waves** Wave motion: Transverse and longitudinal waves, speed of travelling wave, displacement relation for a progressive wave, principle of superposition of waves, reflection of waves, standing waves in strings and organ pipes, fundamental mode and harmonics, Beats.
February	**Final Exam**

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : CHEMISTRY

Months	Unit	Topics to be covered
June	**Unit I: Some Basic Concepts of Chemistry**	General Introduction: Importance and scope of Chemistry. Nature of matter, laws of chemical combination, Dalton's atomic theory: concept of elements, atoms and molecules. Atomic and molecular masses, mole concept and molar mass, percentage composition, empirical and molecular formula, chemical reactions, stoichiometry and calculations based on stoichiometry.
July	Unit II: Structure of Atom	Discovery of Electron, Proton and Neutron, atomic number, isotopes and isobars. Thomson's model and its limitations. Rutherford's model and its limitations, Bohr's model and its limitations, concept of shells and subshells, dual nature of matter and light, de Broglie's relationship, Heisenberg uncertainty principle, concept of orbitals, quantum numbers, shapes of s, p and d orbitals, rules for filling electrons in orbitals - Aufbau principle, Pauli's exclusion principle and Hund's rule, electronic configuration of atoms, stability of half-filled and completely filled orbitals.
	Unit III:	**Classification of Elements and Periodicity in Properties**
		Significance of classification, brief history of the development of periodic table, modern periodic law and the present form of periodic table, periodic trends in properties of elements -atomic radii, ionic radii, inert gas radii, Ionization enthalpy, electron gain enthalpy, electronegativity, valency. Nomenclature of elements with atomic number greater than 100.
August	**Unit IV:**	**Chemical Bonding and Molecular Structure**
		Valence electrons, ionic bond, covalent bond, bond parameters, Lewis structure, polar character of covalent bond, covalent character of ionic bond, valence bond theory, resonance, geometry of covalent molecules, VSEPR theory, concept of hybridization, involving s, p and d orbitals and shapes of some simple molecules, molecular orbital theory of homonuclear diatomic molecules(qualitative idea only), Hydrogen bond.
September		Half yearly exam
October	**Unit V :**	**Chemical Thermodynamics**
		Concepts of System and types of systems, surroundings, work, heat, energy, extensive and intensive properties, state functions. First law of thermodynamics -internal energy and enthalpy, heat capacity and specific heat, measurement of U and H, Hess's law of constant heat summation, enthalpy of bond dissociation, combustion, formation, atomization, sublimation, phase transition, ionization, solution and dilution. Second law of Thermodynamics (brief introduction) Introduction of entropy as a state function, Gibb's energy change for spontaneous and non- spontaneous processes, criteria for equilibrium Third law of thermodynamics (brief introduction).
November	Unit -VI	**Equilibrium** Equilibrium in physical and chemical processes, dynamic nature of equilibrium, law of mass action, equilibrium constant, factors affecting equilibrium - Le Chatelier's principle, ionic equilibrium- ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of poly basic acids, acid strength, concept of pH, hydrolysis of salts (elementary idea), buffer solution, Henderson Equation, solubility product, common ion effect (with illustrative examples).

December	Unit VII : . Redox Reactions Unit VIII:Organic Chemistry -Some Basic Principles and Techniques	**Redox Reactions + Organic Chemistry-Some Basic Principals & Techniques** Concept of oxidation and reduction, redox reactions, oxidation number, balancing redox reactions, in terms of loss and gain of electrons and change in oxidation number, applications of redox reactions. General introduction, methods of purification, qualitative and quantitative analysis, classification and IUPAC nomenclature of organic compounds. Electronic displacements in a covalent bond: inductive effect, electromeric effect, resonance and hyper conjugation. Homolytic and heterolytic fission of a covalent bond: free radicals, carbocations, carbanions, electrophiles and nucleophiles, types of organic reactions
January	Unit IX : Hydrocarbons	**Classification of hydrocarbon** Alkanes - Nomenclature, isomerism, conformation (ethane only), physical properties, chemical reactions including free radical mechanism of halogenation, combustion and pyrolysis. Alkenes - Nomenclature, structure of double bond (ethene), geometrical isomerism, physical properties, methods of preparation, chemical reactions: addition of hydrogen, halogen, water, hydrogen halides (Markovnikov's addition and peroxide effect), ozonolysis, oxidation, mechanism of electrophilic addition. Alkynes - Nomenclature, structure of triple bond (ethyne), physical properties, methods of preparation, chemical reactions: acidic character of alkynes, addition reaction of - hydrogen, halogens, hydrogen halides and water. **Aromatic Hydrocarbons:** Introduction, IUPAC nomenclature, benzene: resonance, aromaticity, chemical properties: mechanism of electrophilic substitution. Nitration, sulphonation, halogenation, Friedel Craft's alkylation and acylation, directive influence of functional group in monosubstituted benzene. Carcinogenicity and toxicity.
February		**ANNUAL EXAM**

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : BIOLOGY

Months	Name of chapters
June	**Chapter-1 : The Living World** Biodiversity, Need for Classification, three domains of life; taxonomy and systematics; concept of species and taxonomical hierarchy; binominal nomenclature **Chapter-2 : Biological Classification** Five kingdom classification; Salient featres and classification of Monera, Protista and Fungi into major groups; Lichens, Viruses and Viroids
July	**Chapter-3 : Plant Kingdom** Classification of plants into major groups; Salient and distinguishing features and a few examples of Algae, Bryophyta, Pteridophyta, Gymnospermae and Angiosperms. **Chapter-4 : Animal Kingdom** Salient features and classification of animals, non-chordates up to phyla level and chordates upto class level (salient features and at a few examples of each category). (No live animals or specimen should be displayed)
August	**Chapter-5 : Morphology of Flowering Plants** Morphology of different parts of flowering plants : root, stem, leaf, inflorescence, flower, fruit and seed. Description of family solanaceae **Chapter-6 : Anatomy of Flowering Plants** Anatomy and functions of tissue systems in dicots and monocots. **Chapter-7 : Structural Organisation in Animals** Morphology, Anatomy and functions of different systems (digestive, circulatory, respiratory, nervous and reporductive) of frog.
September	**Half Yearly Exam**
October	**Chapter-8 : Cell-The Unit of Life** Cell theory and cell as the basic unit of life, structure of prokaryotic and eukaryotic cells; Plant cell and animal cell; cell envelope; cell membrane, cell wall; cell organelles - structure and function; endomembrane system, endoplasmic reticulum, golgi bodies, lysosomes, vacuoles, mitochondria, ribosomes, plastids, microbodies; cytoskeleton, cilia, flagella, centrioles (ultrastructure and function); nucleus.

CLASS-XI

Months	Name of chapters
October	**Chapter-9 : Biomolecules** Chemical constituents of living cells: biomolecules, structure and function of proteins, carbohydrates, lipids, and nucleic acids; Enzyme - types, properties, enzyme action. (Topics excluded: Nature of Bond Linking Monomers in a Polymer, Dynamic State of Body Constituents Concept of Metabolism, Metabolic Basis of Living, The Living State) **Chapter-10 : Cell Cycle and Cell Division** Cell cycle, mitosis, meiosis and their significance
November	**Chapter-11 : Photosynthesis in Higher Plants** Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; cyclic and non-cyclic photophosphorylation; chemiosmotic hypothesis; photorespiration; C3 and C4 pathways; factors affecting photosynthesis. **Chapter-12 : Respiration in Plants** Exchange of gases; cellular respiration - glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); energy relations - number of ATP molecules generated; amphibolic pathways; respiratory quotient. **Chapter-13 : Plant - Growth and Development** Seed germination; phases of plant growth and plant growth rate; conditions of growth; differentiation, dedifferentiation and redifferentiation; sequence of developmental processes in a plant cell; plant growth regulators - auxin, gibberellin, cytokinin, ethylene, ABA.
December	**Chapter-14 : Breathing and Exchange of Gases** Respiratory organs in animals (recall only); Respiratory system in humans; mechanism of breathing and its regulation in humans - exchange of gases, transport of gases and regulation of respiration, respiratory volume; disorders related to respiration - asthma, emphysema, occupational respiratory disorders. **Chapter-15 : Body Fluids and Circulation** Composition of blood, blood groups, coagulation of blood; composition of lymph and its function; human circulatory system-Structure of human heart and blood vessels; cardiac cycle, cardiac output, ECG; double circulation; regulation of cardiac activity; disorders of circulatory system - hypertension, coronary artery disease, angina pectoris, heart failure.

Months	Name of chapters
	Chapter-16 : Excretory Products and their Elimination Modes of excretion - ammonotelism, ureotelism, uricotelism; human excretory system–structure and function; urine formation, osmoregulation; regulation of kidney function-renin-angiotensin, atrial natriuretic factor, ADH and diabetes insipidus; role of other organs in excretion; disorders - uremia, renal failure, renal calculi, nephritis; dialysis and artificial kidney, kidney transplant.
January	**Chapter-17 : Locomotion and Movement** Types of movement - ciliary, flagellar, muscular; skeletal muscle, contractile proteins and muscle contraction; skeletal system and its functions; joints; disorders of muscular and skeletal systems-myasthenia gravis, tetany, muscular dystrophy, arthritis, osteoporosis, gout. **Chapter-18 : Neural Control and Coordination** Neuron and nerves; Nervous system in humans - central nervous system; peripheral nervous system and visceral nervous system; generation and conduction of nerve impulse **Chapter-19 : Chemical Coordination and Integration** Endocrine glands and hormones; human endocrine system-hypothalamus, pituitary, pineal, thyroid, parathyroid, adrenal, pancreas, gonads; mechanism of hormone action (elementary idea); role of hormones as messengers and regulators, hypo-and hyperactivity and related disorders; dwarfism, acromegaly, cretinism, goiter, exophthalmic goitre, diabetes, Addison's disease.
February	**Revision and Annual Examination**

CLASS-XI

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : MATHEMATICS

Months	Name of chapters
June	**UNIT : 1 : Sets and Functions** **1. Sets** Sets and their representations, Empty set, Finite and Infinite sets, Equal sets, Subsets, Subsets of a set of real numbers especially intervals (with notations). Universal set. Venn diagrams. Union and Intersection of sets. Difference of sets. Complement of a set. Properties of Complement. **2. Relations & Functions** Ordered pairs. Cartesian product of sets. Number of elements in the Cartesian product of two finite sets. Cartesian product of the set of reals with itself (up to R x R x R). Definition of relation, pictorial diagrams, domain, co-domain and range of a relation. Function as a special type of relation. Pictorial representation of a function, domain, co-domain and range of a function. Real valued functions, domain and range of these functions, constant, identity, polynomial, rational, modulus, signum, exponential, logarithmic and greatest integer functions, with their graphs. Sum, difference, product and quotients of functions.
July	**3. Trigonometric Functions** Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another. Definition of trigonometric functions with the help of unit circle. Truth of the identity $\sin^2 x + \cos^2 x = 1$, for all x. Signs of trigonometric functions. Domain and range of trigonometric functions and their graphs. Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of sinx, siny, cosx & cosy and their simple applications. Deducing identities like the following : $\tan(x \pm y) = \frac{\tan x \pm \tan y}{1 \mp \tan x \tan y}$, $\cot(x \pm y) = \frac{\cot x \cot y \mp 1}{\cot y \pm \cot x}$ $\sin\alpha \pm \sin\beta = 2\sin\frac{1}{2}(\alpha \pm \beta)\cos\frac{1}{2}(\alpha \mp \beta)$ $\cos\alpha + \cos\beta = 2\cos\frac{1}{2}(\alpha + \beta)\cos\frac{1}{2}(\alpha - \beta)$ $\cos\alpha - \cos\beta = -2\sin\frac{1}{2}(\alpha + \beta)\sin\frac{1}{2}(\alpha - \beta)$ *Identities related to sin2x, cos2x, tan2x, sin3x, cos3x and tan3x*

CLASS-XI

Months	Name of chapters
July	**UNIT : II : Algebra** **1. Complex Numbers and Quadratic Equations.** Need for complex numbers, especially $\sqrt{-1}$, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane. **2. Linear Inequalities** Linear inequalities. Algebraic solutions of linear inequalities in one variable and their representation on the number line.
August	**Unit-II** **5. Sequence and Series** Sequence and Series. Arithmetic Mean (A.M.) Geometric Progression (G.P.), general term of a G.P., sum of n terms of a G.P., infinite G.P. and its sum, geometric mean (G.M.), relation between A.M. and G.M **Unit-III : Coordinate Geometry** **1. Straight Lines** Brief recall of two-dimensional geometry from earlier classes. Slope of a line and angle between two lines. Various forms of equations of a line: parallel to axis, point -slope form, slope-intercept form, two-point form, intercept form. Distance of a point from a line.
September	**Half Yearly Exam**
October	**UNIT : II** **3. Permutations and Combinations** Fundamental principle of counting. Factorial n. (n!) Permutations and combinations, derivation of Formulae for ${}^{n}P_{r}$, ${}^{n}C_{r}$ and their connections, simple applications. **4. Binomial Theorem** Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications.
November	**UNIT : IV : Calculus** **1. Limits and Derivatives** Derivative introduced as rate of change both as that of distance function and geometrically. Intuitive idea of limit. Limits of polynomials and rational functions trigonometric, exponential and logarithmic functions. Definition of derivative relate it to scope of tangent of the curve, derivative of sum, difference, product and quotient of functions of polynomial and trigonometric functions.

CLASS-XI

Months	Name of chapters
	Unit-III : **2. Conic Sections** Sections of a cone: circles, ellipse, parabola, hyperbola, a point, a straight line and a pair of intersecting lines as a degenerated case of a conic section. Standard equations and simple properties of parabola, ellipse and hyperbola. Standard equation of a circle.
December	**Unit-III** **3. Introduction to Three-dimensional Geometry** Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points. **UNIT : V : Statistics and Probability** **1. Statistics** Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data.
January	**UNIT : V : Statistics and Probability** **2. Probability** Events; occurrence of events, 'not', 'and' and 'or' events, exhaustive events, mutually exclusive events, Axiomatic (set theoretic) probability, connections with other theories of earlier classes. Probability of an event, probability of 'not', 'and' and 'or' events. **& REVISION**
February	Annual Exam

SYLLABUS : 2025-2026
SUBJECT : MATHEMATICS

The following topics are included in the syllabus but will be assessed only formatively to reinforce understanding without adding to summative assessments. This reduces academic stress while ensuring meaningful learning. Schools can integrate these with existing chapters as they align well. Relevant NCERT textual material is enclosed for reference.

S.No.	Content
	Unit-I: Sets and Functions
1.	**Sets**
	Practical problems on Union and Intersection of two sets.
2.	**Relations and Functions**
	Composition of Functions
3.	**Trigonometric Functions**
	General solution of trigonometric equations of the type $\sin y = \sin a, \cos y = \cos a$ and $\tan y = \tan a$.
	Unit-II: Algebra
1.	**Principle of Mathematical Induction**
	Process of the proof by induction, motivating the application of the method by looking at natural numbers as the least inductive subset of real numbers. The principle of mathematical induction and simple applications.
2.	**(Complex Numbers and) Quadratic Equations**
	Polar representation of complex numbers. Statement of Fundamental Theorem of Algebra, solution of quadratic equations (with real coefficients) in the complex number system.
3.	**Linear Inequalities**
	Graphical solution of linear inequalities in two variables. Graphical method of finding a solution of system of linear inequalities in two variables.
4.	**Binomial Theorem**
	General and middle term in binomial expansion.
5.	**Sequence and Series**
	Formulae for the following special sums $\sum_{k=1}^{n} k, \sum_{k=1}^{n} k^2, \sum_{k=1}^{n} k^3$
	Unit-III: Coordinate Geometry
1.	**Straight Lines**
	Normal form. General equation of a line.
2.	**Introduction to Three-dimensional Geometry**
	Section formula.
	Unit-IV: Calculus
1.	**Limits and Derivatives**
	Derivatives of composite functions (Chain rule).
	Unit-V Statistics and Probability
1.	**Probability**
	Random experiments; outcomes, sample space (set representation).

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : COMPUTER SCIENCE (CODE-083)

Term 1(June – September)			
Sl No.	**Month**	**UNIT**	**Chapter**
1	June	Unit-1 Computer Systems and Organisation	• Computer System Overview • Data Representation • Boolean logic
2	July	Unit-2 Computational Thinking and Programming - I	• Introduction to Problem Solving • Getting started with Python
3	August	Unit-2 Computational Thinking and Programming - I	• Python Fundamentals • Data Handling
	September	Half yearly exam	
Term II (October – February)			
4	October	Unit-2 Computational Thinking and Programming – I	• Introduction to Python modules • Flow of Control
5	November	Unit-2 Computational Thinking and Programming – I	• String Manipulation • List Manipulation
6	December	Unit-2 Computational Thinking and Programming - I	• Tuples • Dictionaries
7	January	Unit 3: Society, Law and Ethics	• Cyber Safety • Society Law And Ethics
	February	ANNUAL EXAM	

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : PHYSICAL EDUCATION

Month	Theory
June	Unit-1-Changing trends & career in physical education
July	Unit-2- Olympism Unit-3-Yoga
August	Unit-4-Physical education and sports for CWSN
	Unit-5-Physical fitness health and wellness
September	**Half Yearly Exam**
October	Unit-6-Test measurement evaluation
November	Unit-7-Fundamental of Anatomy and Physiology in Sports Unit-8-Fundamentals of Kinesiology and Biomechanics in Sports
December	Unit-9- Psychology and sports
January	Unit-10-Training and doping in sports
February	Annual Exam

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : PHYSICAL EDUCATION

UNIT NO.	UNIT NAME	THE WEIGHTAGE (MARKS) ALLOTTED
UNIT 1	Changing Trends & Career in Physical Education	04 + 04*b**
UNIT 2	Olympic Value Education	05
UNIT 3	Yoga	06+01*b**
UNIT 4	Physical Education & Sports for CWSN	04+03*b**
UNIT 5	Physical Fitness, Wellness	05
UNIT 6	Test, Measurements & Evaluation	08
UNIT 7	Fundamentals of Anatomy and Physiology in Sports	08
UNIT 8	Fundamentals of Kinesiology and Biomechanics in Sports	04+04*b**
UNIT 9	Psychology and Sports	07
UNIT 10	Training & Doping in Sports	07
PRACTICAL (LAB)#	**Including 3 Practical**	30
TOTAL	**Theory 10 + Practical 3**	**Theory 70 + Practical 30 = 100**

Note: b*are the Concept based questions like Tactile diagram/data interpretation/ case base study for visually Impaired Child.

COURSE CONTENT

Unit No.	Unit Name	TOPIC
1	**Changing Trends and Careers in Physical Education**	1. Concept, Aims & Objectives of Physical Education 2. Development of Physical Education in India–Post Independence 3. Changing Trends in Sportsplaying surface, wearable gear and sports equipment, technological advancements 4. Career options in Physical Education 5. Khelo-India Program and Fit – India Program
2	**Olympism Value Education**	1. Olympism – Concept and Olympics Values (Excellence, Friendship & Respect) 2. Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind 3. Ancient and Modern Olympics 4. Olympics -Symbols, Motto, Flag, Oath, and Anthem 5. Olympic Movement Structure - IOC, NOC, IFS, Other members
3	**Yoga**	1. Meaning and importance of Yoga 2. Introduction to Astanga Yoga 3. Yogic Kriyas (Shat Karma) 4. Pranayama and its types. 5. Active Lifestyle and stress management through Yoga
4	**Physical Education and Sports for Children with Special Needs**	1. Concept of Disability and Disorder 2. Types of Disability, its causes & nature (Intellectual disability, Physical disability). 3. Disability Etiquette 4. Aim and objectives of Adaptive physical Education 5. Role of various professionals for children with special needs (Counselor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist, and Special Educator)
5	**Physical Fitness, Wellness, and Lifestyle**	1. Meaning & importance of Wellness, Health, and Physical Fitness. 2. Components/Dimensions of Wellness, Health, and Physical Fitness 3. Traditional Sports & Regional Games for promoting wellness 4. Leadership through Physical Activity and Sports 5. Introduction to First Aid – PRICE

Unit No.	Unit Name	TOPIC
6	**Test, Measurement & Evaluation**	1. Define Test, Measurements and Evaluation. 2. Importance of Test, Measurements and Evaluation in Sports. 3. Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site) 4. Somato Types (Endomorphy Mesomorphy & Ectomorphy 5. Measuremen ts of healthrelated fitness
7	**Fundamentals of Anatomy, Physiology in Sports**	1. Definition and importance of Anatomy and Physiology in Exercise and Sports. 2. Functions of Skeletal System, Classification of Bones, and Types of Joints. 3. Properties and Functions of Muscles. 4. Structure and Functions of Circulatory System and Heart. 5. Structure and Functions of Respiratory System.
8	**Fundamentals Of Kinesiology And Biomechanics in Sports**	1. Definition and Importance of Kinesiology and Biomechanics in Sports. 2. Principles of Biomechanics 3. Kinetics and Kinematics in Sports 4. Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation 5. Axis and Planes – Concept and its application in body movements
9	**Psychology and Sports**	1. Definition & Importance of Psychology in Physical Education & Sports; 2. Developmental Characteristics at Different Stages of Development. 3. Adolescent Problems & their Management; 4. Team Cohesion and Sports; 5. Introduction to Psychological Attributes: Attention, Resilience, Mental Toughness
10	**Training & Doping in Sports**	1. Concept and Principles of Sports Training 2. Training Load: Over Load, Adaptation, and Recovery 3. Warming-up & Limbering Down – Types, Method & Importance. 4. Concept of Skill, Technique, Tactics & Strategies 5. Concept of Doping and its disadvantages

CLASS-XI

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : PAINTING

MONTH	UNIT	TOPICS
June	1. Introduction to the elements and Principles of art 2. Pre-Historic rock Paintings & Art of Indus Valley 3. Art of Indus Valley Indus Valley	1 (a) Point, Line, Form, shape, Space, Colour & Texture 2 (a) Introduction: i. Wizard's dance, Bhimbethaka 3 (a) Introduction: i. Period & Location ii. Harappa and Mohenjo-daro (Now in Pakistan) iii. Ropar, Lothal, Rangpur, Alamgirpur, kali Bagan, Banwali and Dholvira (in India) 3 (b) Study of sculpture and terrecottas i. Dancing girl (Mohenjo-Daro) ii. Male torso (Haruppa) Study of seal : (i) Bull- Seal (Mohenjo-Daro) Decoration on earthen wares : (i) painted Earthen wares (jar), Mohenjo-Daro
July	Unit –II 4. Buddhist, Jain and Hindu Art 5. Ajanta Art Unit III	4 (a) Art during Mauryan, Shunga, Kushan and Gupta period study of following sculptures Lion capital from Sarnath (Mauryan Period) (i) Chauri bearer from Didarganj (Yakshi) (Mauryan Period) (ii) Seated Buddha from Katra Tila (iii) Jain Tirathankar (Gupta period) 5. (a) introduction to Ajanta location period, No. of caves, chaitya & vinaras, painting & sculptures, Subject matter & techniques, etc
August	6. Temple Sculpture	6.(a) Artistic aspects of Indian temples
		(i) introduction to temple sculptures 6th to 13th CAD
September	HALF YEARLY EXAM	
October	6. Temple Sculptures	6. (a) study of Temple sculptures (i) descent of Ganga (Pallava, Mahabalipuram, Tamil Nadu) (ii) Trimurti (Elephanta, Maharashtra)
November	6. Temple Sculptures	iii. Laxmi Narayan Kendriya Mahadev Temple (Chandela, Khajuraho, M.P.) (iv) Cymbal Players, Sun temple (Ganga Dynesty), Konark (Orissa) (v) Mother and Child (Vimla Shah Temple, Solanki Dynesty, Dilwara, Mount Abu)
December	7.Bronzes	A. Introduction and Indian Bronze Sculpture B. Method of casting (solid & hollow) C. Study & appreciation of following South Indian Bronze (i) Natraj (Thanjavur Disst, Tamil Nadu)
January	8. Indo – Islamic Architecture	Artistic aspects of the Indo- Islamic Architecture I Introduction ,study of Architecture i. Qutub Minar, Delhi ii. Gol-Gumbaj of Bijapur
February	Annual Exam	

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : ACCOUNTANCY

		UNIT/TOPICS
Unit-1: Theoretical Frame Work	JUNE	Introduction to Accounting • Accounting- concept, meaning, as a source of information, objectives, advantages and limitations, types of accounting information; users of accounting information and their needs. Qualitative Characteristics of Accounting Information. Role of Accounting in Business. • Basic Accounting Terms- Entity, Business Transaction, Capital, Drawings. Liabilities (Non Current and Current). Assets (Non Current, Current); Expenditure (Capital and Revenue), Expense, Revenue, Income, Profit, Gain, Loss, Purchase, Sales, Goods, Stock, Debtor, Creditor, Voucher, Discount (Trade discount and Cash Discount) Theory Base of Accounting • Fundamental accounting assumptions: GAAP: Concept • Basic Accounting Concept : Business Entity, Money Measurement, Going Concern, Accounting Period, Cost Concept, Dual Aspect, Revenue Recognition, Matching, Full Disclosure, Consistency, Conservatism, • Materiality and Objectivity • System of Accounting. Basis of Accounting: cash basis and accrual basis • Accounting Standards: Applicability of Accounting Standards (AS) and Indian Accounting Standards (Ind-AS) • Goods and Services Tax (GST): Characteristics and Advantages.
Unit-2: Accounting Process	JULY-AUGUST	Recording of Business Transactions • Voucher and Transactions: Source documents and Vouchers, Preparation of Vouchers, Accounting Equation Approach: Meaning and Analysis, Rules of Debit and Credit. • Recording of Transactions: Books of Original Entry- Journal • Special Purpose books: • Cash Book: Simple, cash book with bank column and petty cashbook, • Purchases book • Sales book • Purchases return book • Sales return book • Journal proper Note: Including trade discount, freight and cartage expenses for simple GST calculation. Ledger: Format, Posting from journal and subsidiary books, Balancing of accounts Bank Reconciliation Statement: • Need and preparation, Bank Reconciliation Statement.
	SEPTEMBER	**Half Yearly Exam**

	OCTOBER-NOVEMBER	Depreciation, Provisions and Reserves: • Depreciation: Meaning, Features, Need, Causes, factors • Other similar terms: Depletion and Amortisation • Methods of Depreciation: i. Straight Line Method (SLM) ii. Written Down Value Method (WDV) Note: Excluding change of method • Difference between SLM and WDV; Advantages of SLM and WDV • Method of recoding depreciation i. Charging to asset account ii. Creating provision for depreciation/accumulated depreciation account • Treatment of disposal of asset • Provisions, Reserves, Difference Between Provisions and Reserves. • Types of Reserves: i. Revenue reserve ii. Capital reserve iii. General reserve iv. Specific reserve v. Secret Reserve • Difference between capital and revenue reserve. Trial balance and Rectification of Errors.• Trial balance: objectives, meaning and preparation (Scope: Trial balance with balance method only) • Errors: classification- errors of omission, commission, principles, and compensating; their effect on Trial Balance. • Detection and rectification of errors; (i) Errors which do not affect trial balance (ii) Errors which affect trial balance • preparation of suspense account.
Unit 3: Financial Statements of Sole Proprietorship	DECEMBER-JANUARY	Financial Statements: Meaning, objectives and importance; Revenue and Capital Receipts; Revenue and Capital Expenditure; Deferred Revenue expenditure. Opening journal entry. Trading and Profit and Loss Account: Gross Profit, Operating profit and Net profit. Preparation. Balance Sheet: need, grouping and marshalling of assets and liabilities. Preparation. Adjustments in preparation of financial statements with respect to closing stock, outstanding expenses, prepaid expenses, accrued income, income received in advance, depreciation, bad debts, provision for doubtful debts, provision for discount on debtors, Abnormal loss, Goods taken for personal use/staff welfare, interest on capital and managers commission. Preparation of Trading and Profit and Loss account and Balance Sheet of a sole proprietorship with adjustments. Incomplete Records:- Features, reasons and limitations. Ascertainment of Profit/Loss by Statement of Affairs method. (excluding conversion method) Project Work As per CBSE guidelines.
FEBRUARY	ANNUAL EXAM	

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : BUSINESS STUDIES

UNIT		TOPICS
Unit-1: Evolution and Fundamentals of Business	JUNE	History of Trade and Commerce in India: Indigenous Banking System, Rise of Intermediaries, Transport, Trading Communities: Merchant Corporations, Major Trade Centres, Major Imports and Exports, Position of Indian Sub-Continent in the World Economy. Business – meaning and characteristics Business, profession and employment – Concept Objectives of business Classification of business activities - Industry and Commerce. Industry-types: primary, secondary, tertiary Meaning and subgroups Commerce-trade: (types-internal, external; wholesale and retail) and auxiliaries to trade; (banking, insurance, transportation, warehousing, communication, and advertising) – meaning Business risk-Concept
Unit 2: Forms of Business organizations	JULY	Sole Proprietorship-Concept, merits and limitations. Partnership-Concept, types, merits and limitation of partnership, registration of a partnership firm, partnership deed. Types of partners. Hindu Undivided Family Business: Concept Cooperative Societies-Concept, merits, and limitations. Company - Concept, merits and limitations; Types: Private, Public and One Person Company – Concept. Formation of company - stages, important documents to be used in formation of a company. Choice of form of business organization.
Unit 3: Public, Private and Global Enterprises	AUGUST	Public sector and private sector enterprises – Concept Forms of public sector enterprises: Departmental Undertakings, Statutory Corporations and Government Company Global Enterprises – Feature Joint venture Public private partnership – concept
Unit 4:Business Services		Business services – meaning and types. Banking: Types of bank accounts - savings, current, recurring, fixed deposit and multiple option deposit account. Banking services with particular reference to Bank Draft, Bank Overdraft, Cash credit. E-Banking: meaning, types of digital payments Insurance – Principles. Types – life, health, fire and marine insurance – concept Postal Service - Mail, Registered Post, Parcel, Speed Post, Courier – meaning.
Unit 5: Emerging Modes of Business		E - business: concept, scope and benefits
	SEPTEMBER	HALF YEARLY EXAM

Unit 6: Social Responsibility of Business and Business Ethics	OCTOBER	Concept of social responsibility, Case of social responsibility, Responsibility towards owners, investors, consumers, employees, government and community, Role of business in environment protection. Business Ethics - Concept and Elements
Unit 7: Sources of Business Finance		Concept of business finance. Owners' funds- equity shares, preferences share, retained earnings. Borrowed funds: debentures and bonds, loan from financial institution and commercial banks, public deposits, trade credit, Inter Corporate Deposits (ICD)
Unit 8: Small Business and Enterprises	NOV-DEC	Entrepreneurship Development (ED): Concept, Characteristics and Need. Process of Entrepreneurship Development: Start-up India Scheme, ways to fund start-up. Intellectual Property Rights and Entrepreneurship. Small scale enterprise as defined by MSMED Act 2006 (Micro, Small and Medium Enterprise Development Act). Role of small business in India with special reference to rural areas. Government schemes and agencies for small scale industries: National Small Industries Corporation (NSIC) and District Industrial Centre (DIC) with special reference to rural, backward areas.
Unit 9: Internal Trade		Internal trade - meaning and types services rendered by a wholesaler and a retailer. Types of retail-trade-Itinerant and small scale fixed shops retailers. Large scale retailers-Departmental stores, chain stores – concept. GST (Goods and Services Tax): Concept and key-features.
Unit 10: International Trade	JANUARY	International trade: concept and benefits. Export trade – Meaning and procedure. Import Trade - Meaning and procedure. Documents involved in International Trade: indent, letter of credit, shipping order, shipping bills, mate's receipt (DA/DP) World Trade Organization (WTO) meaning and objectives. Unit 11: Project Work As per CBSE guidelines.
FEBRUARY		ANNUAL EXAM

CLASS-XI

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : ECONOMICS

UNIT	MONTH	TOPICS
Unit 1:	JUNE	**Introduction** What is Economics? Meaning, scope, functions and importance of statistics in Economics. **Collection, Organisation and Presentation of data** Collection of data - sources of data - primary and secondary; how basic data is collected with concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation. Organisation of Data: Meaning and types of variables; Frequency Distribution. Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data: (i) Geometric forms (bar diagrams and pie diagrams), (ii) Frequency diagrams (histogram, polygon and Ogive) and (iii) Arithmetic line graphs (time series graph).
Unit-4 Unit-5	JULY	**Introduction** Meaning of microeconomics and macroeconomics; positive and normative economics What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of Production Possibility Frontier and Opportunity Cost. **Consumer's Equilibrium and Demand** Consumer's equilibrium - meaning of Utility, Marginal Utility, Law of Diminishing Marginal Utility, conditions of consumer's equilibrium using marginal utility analysis. Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium. Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand - factors affecting price elasticity of demand; measurement of price elasticity of demand – percentage-change method and total expenditure method.
Unit 3	August	Part A Statistical tools and interpretation for all the numerical problems and solutions ,the appropriate economic integration may be attempted . Measure of central tendency mean , Median and mode
September		Half yearly exam
Unit 3	October	Part B

		Producer behavior and supply Meaning of production functionshort ruts and long run total product ,average, product and marginal product Returns to a factor Cost short run cost total cost total fixed cost total variable cost average cost average fixed cost average variable cost and marginal cost meaning and their relationship.
	November	Revenue total average and marginal revenue – meaning and their relationship. Producer's equilibrium meaning and its conditions in terms of marginal revenue – marginal cost , law of supply , market supply,determinants of supply,supply schedule, supply curve and its slope ,movements along and shifts in supply curve , price elasticity of supply,measurement of price elasticity of supply –percentage change method.
Unit 4	December	Part A Correlation meaning and properties , scatter diagram, measure of correlation ,-karl pearson method , spearman's rank correlation. Introduction to index number , meaning, types,-wholesale price index, consumer price index and index of indiustrial production,, use of index number ,inflation and index number, simple aggregative method
	January	Part B Perfect competition – features, determination of market equilibrium and effects of shifts in demand and supply , simple applications of demand and supply , price ceiling and price floor PART C Developing projects in Economics.
	February	Annual Exam

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : HISTORY

Month	Topic to be covered
June	Theme No.1 (Early Societies) Introduction Time Line I (6MYA TO 1 BCE) CH-1 Writing and City Life
July	Theme No. 2 (Empires) Introduction Time Line II (C.100 BCE TO 1300 CE) CH-2 An Empire Across Three Continents
August	CH-3Nomadic Empires
September	**Half Yearly Exam**
October	Theme No. 3 (Changing Traditions) Introduction Time Line III (C. 1300 TO 1700) CH-4 The Three Orders
November	CH-5 Changing Cultural Traditions Introduction Time Line IV (C. 1700 TO 2000)
December	Theme No. 4 (Towards Modernisation) Ch-6 Displacing Indigenous Peoples
January	CH-7 Paths to Modernisation
February	Annual Exam
Map	Map work of the related Themes Theory Total Project work

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : GEOGRAPHY

Month	Topic to be covered	Practical Work
June	1) Fundamentals of Physical Geography- Unit-I Geography as Discipline Unit-II Origin and Evaluation of Earth 2) India-Physical Environment Unit-I Location Unit-II Physiography	Practical Work- Introduction to Maps
July	1) Interior of the Earth 2) Distribution of Oceans and Continents 3) India-Physiography	Introduction to Maps Map works from India Map Scale
August	1) Minerals and Rocks 2) Geomorphic Processes 3) Landforms and their Evolution	Lat. Long and Time activities
September	**Half Yearly**	
October	1) Drainage of India 2) Climate of India 3) Solar Radiation, Heat Balance Temp 4) Atmospheric Circulation and Weather System	Map Projection
November	1) Water in the Atmosphere 2) World Climate and Climate Change	Map Projection
December	1) Water (Ocean) 2) India-Natural Vegetation	Map Work- India
January	1) Movements of Ocean Water 2) India-Soils 3) Natural Hazards and Disasters 4) Life of Earth 5) Biodiversity and Conservation	Topographical Maps Remote Sensing
February	**Annual Examination**	

DAV PUBLIC SCHOOLS, JHARKHAND ZONE
SYLLABUS : 2025-2026
SUBJECT : POLITICAL SCIENCE

Month	Topics	Learning Objectives
June	• Constitution: Why and How? • Rights in the Indian Constitution	Understand the need for a constitution and fundamental rights.
July	• Election and Representation • The Legislature • Political Theory: An Introduction • Freedom	Learn about elections and structure of Parliament. Introduce political theory and basic concepts of liberty.
August	• The Executive • Equality • Social Justice	Reinforce previous learning. Understand the roles of President, PM, Introduce political theory and basic concepts of equality.
September	**Half Yearly Examination**	
October	• The Judiciary • Rights	Supreme Court and HighCourts.
November	• Federalism • Citizenship	Understand justice, rights and duties, and concept of citizenship
December	• Local Governments • Nationalism	
January	• Constitution as a Living Document • Secularism • The Philosophy of the Constitution	Grasp the living nature and values of the Constitution Discuss identity, diversity and secular values
February	**Final Examination**	