



**DELHI PUBLIC SCHOOL
DURGAPUR**



Syllabus

**CLASS – 11
2026 – 27**





Class 11 English Session: 2026-27					
Month	Unit	Reading	Writing	Grammar	Literature
April	1	Comprehension - Factual and Discursive Passages	Poster-making	Tenses and usage - Gap filling exercises	The Portrait of a Lady A Photograph (Poem)
				Do as Directed	The Summer of the Beautiful White Horse
May	2	Comprehension - Case-based Passages	Classified Advertisement	Re-ordering of Sentences, Transformation of Sentences, Tenses	
June	3	Notemaking and Summarizing	Speech and Debate	Transformation of Sentences	We are not Afraid to Die
July	4	Notemaking and Summarizing	Classified Advertisement		Discovering Tut
					The Voice of the Rain (Poem)
					The Laburnum Top (Poem)
				Integrated Exercises	The Address
August	5	ASL	Speech		
		Comprehension - Literary and Case-based Passages	Debate	Transformation of Sentences	
BLOCK TEST - I					
September	6	Comprehension - Analytical Passage	Speech and Debate	Tenses, Verbs, Vocabulary	Birth
					Father to Son (Poem)
October	7	Aural Comprehension	Poster	Clauses - Noun, Adjective and Adverb	Childhood(Poem)
			Classified Advertisement		Mother's Day (Play)
November	8	ASL	Poster	Clauses	The Adventure
			Classified Advertisement	Integrated Grammar	Silk Road
UNIT TEST - II					

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



December	9	Note-making and Summarization	Speech	Transformation of Sentences	The Tale of Melon City
		ASL	Debate		
January		Note-making and Summarization	Poster and Classified Advertisement	Integrated Grammar	Revision
		ASL			
February	BLOCK TEST-II				

Class 11 Physics Session: 2026-2027

Month	Chapter	Topics	Sub Topics
April	UNIT - I CHAPTER - 2	UNITS AND MEASUREMENTS	Need for measurement: Units of measurement; systems of units; SI units, fundamental and derived units. Significant figures. Dimensions of physical quantities, dimensional analysis and its applications
	UNIT II CHAPTER - 3	MOTION IN A STRAIGHT LINE	Frame of reference, Motion in a straight line, Elementary concepts of differentiation and integration for describing motion. velocity, uniformly accelerated motion, velocity - time and position-time graphs. Relations for uniformly accelerated
MAY	UNIT - II CHAPTER - 4	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.
	Unit Test - I		
JUNE	UNIT - II CHAPTER - 4	MOTION IN A PLANE	Addition and subtraction of vectors, Unit vector; resolution of a vector in a plane, rectangular components, Scalar and Vector product of vectors.
	UNIT - III CHAPTER - 5	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
July	UNIT - III CHAPTER - 5	LAWS OF MOTION	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, Uniform circular motion.
	UNIT - IV CHAPTER - 6	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.
August	UNIT - V CHAPTER - 7	MOTION SYSTEM OF PARTICLES AND RIGID BODY	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.

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



			Moment of inertia, radius of gyration, values of moments of inertia for simple geometrical objects (no derivation).
Block Test 1			
September	UNIT - VI CHAPTER - 8	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 velocity, orbital velocity of a satellite.
October	UNIT - VII CHAPTER - 9	MECHANICAL PROPERTIES OF	Elasticity, Stress-strain relationship, Hooke's law, Young's modulus, bulk modulus, shear modulus of rigidity (qualitative idea only), Poisson's ratio; elastic energy
	UNIT - VII CHAPTER - 10	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.
November	UNIT - VII CHAPTER - 10	MECHANICAL PROPERTIES OF FLUIDS	Viscosity, Stokes' law, terminal velocity, streamline and turbulent flow, critical velocity, Bernoulli's theorem and its simple applications.
			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.
	UNIT - VII CHAPTER - 11	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 .
	UNIT - VIII CHAPTER - 12	THERMODYNAMICS	Thermal equilibrium and definition of temperature zeroth law of thermodynamics, heat, work and internal energy. First law of thermodynamics.
Unit Test - II			
	UNIT - VIII CHAPTER - 12	THERMODYNAMICS	Second law of thermodynamics: gaseous state of matter, change of condition of gaseous state -isothermal, adiabatic, reversible, irreversible, and cyclic processes.

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



December	UNIT - IX CHAPTER - 13	KINETIC THEORY OF GASES	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.
	UNIT - X CHAPTER - 14	OSCILLATI ON	Periodic motion - time period, frequency, displacement as a function of time, periodic functions and their application.
January	UNIT - X CHAPTER - 14	OSCILLATI ON	Simple harmonic motion (S.H.M) 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.
	UNIT - X CHAPTER - 15	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.
	Block Test -2		

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 Chemistry Session: 2026-27			
Month	Unit	Chapter	Contents
APRIL	1	Some Basic Concepts of Chemistry	- 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
	2	Structure of Atom	- Discovery of electrons, proton, neutron, atomic number, isotopes, isobars - Thomson model, limitation, Rutherford model, limitation - 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.
MAY			
JUNE	UNIT TEST - I		
	3	Elements and Periodicity in properties	- Significance of classification, brief history of 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
		* s & p Block Elements	Electronic configuration, General trends in physical and chemical properties of s and p block elements across the periods and down the groups; Unique behavior of the first element in each group.
JULY	4	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
	5	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 ΔU and ΔH. - 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, Gibbs' energy change for spontaneous and non-spontaneous processes, criteria for equilibrium. - Third law of thermodynamics (brief introduction).
AUGUST	BLOCK TEST - I		

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



SEPTEMBER	6	Equilibrium	- Chemical equilibrium- dynamic Equilibrium, - Law of Chemical Equilibrium, - Homogenous, Heterogeneous Equilibrium, - Equilibrium Constant, - Reaction Quotient, - Factors affecting Equilibrium. - Ionic equilibrium- ionization of acids and bases, strong and weak electrolytes, degree of ionization, ionization of poly basic acids, acid strength, concept of pH
OCTOBER			Henderson Equation, hydrolysis of salts (elementary idea), buffer solution, solubility product, common ion effect (with illustrative examples)
		* The Gaseous State	- Qualitative treatment of Gas laws, - Ideal gas equation and deviations from it.
	7	Redox Reactions	- Concept of oxidation and reduction, redox reactions, oxidation number. - Balancing redox reactions in terms of loss and gain of electrons and oxidation number. - Applications of redox reactions.
NOVEMBER	8	Organic Chemistry - Some Basic Principles and Techniques	- General introduction, classification and IUPAC nomenclature of organic compounds. - Isomerism.
UNIT TEST - II			
DECEMBER	8	Organic Chemistry - Some Basic Principles and Techniques (Cont.)	- 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. - Methods of purification, qualitative and quantitative analysis
	9	Hydrocarbons	- 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 (Markownikov'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.
			- 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.
JANUARY			
BLOCK TEST- II			

The topics marked with an * will not be assessed.

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 Biology Session 2026-27		
MONTH	UNIT	TOPIC
APRIL	III	Cell theory and cell as the basic unit of life
		Structure of prokaryotic and eukaryotic cells
MAY	I	The Living World, Biological Classification, Plant Kingdom
JUNE	UNIT TEST I	
JUNE	I	Plant Kingdom
		Animal Kingdom
	III	Cell Cycle and Cell Division
JULY	III	Biomolecules
	V	Breathing and Exchange of Gases
AUGUST	V	Body Fluids and Circulation
	II	Morphology of flowering plants, Anatomy of flowering plants
AUGUST	BLOCK TEST- I	
SEPTEMBER	II	Structural Organization in Animals
	IV	Photosynthesis in Higher Plants
OCTOBER	IV	Photosynthesis in Higher Plants
NOVEMBER	IV	Respiration in Higher Plants
		Plant Growth and Development
NOVEMBER	UNIT TEST II	
DECEMBER	V	Excretory Products and their Elimination
		Locomotion and Movement
		Neural Control and Coordination
JANUARY	V	Chemical
FEBRUARY	BLOCK TEST- II	

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 Mathematics Syllabus Session: 2026-27

Month	Topics	Subtopics
April	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.
	Relations and 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 $\mathbb{R} \times \mathbb{R} \times \mathbb{R}$). 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.
	Trigonometric Functions	Positive and negative angles. Measuring angles in radians and in degrees and conversion from one measure to another.
May	Trigonometric Functions	Domain and range of trigonometric functions and their graphs. Application of $\sin(x \pm y)$, $\cos(x \pm y)$ etc.
June	UNIT TEST- 1	
June	Trigonometric Functions	Expressing $\sin(x \pm y)$ and $\cos(x \pm y)$ in terms of $\sin x$, $\sin y$, $\cos x$ & $\cos y$ and their simple applications. Deducing identities using the above. Identities related to $\sin 2x$, $\cos 2x$, $\tan 2x$, $\sin 3x$, $\cos 3x$ and $\tan 3x$.
July	Complex numbers and Quadratic equations	Need for complex numbers, especially, to be motivated by inability to solve some of the quadratic equations. Algebraic properties of complex numbers. Argand plane.
	Linear Inequalities	Linear inequalities. Algebraic Solutions of linear inequalities in one variable and their representation on the number line.
	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.
August	Sequences 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.
August	BLOCK TEST- 1	
September	Permutations and Combinations	Fundamental principle of counting. Factorial n . ($n!$). Permutations and combinations, derivation of Formulae and their connections, simple applications.
	Binomial Theorem	Historical perspective, statement and proof of the binomial theorem for positive integral indices. Pascal's triangle, simple applications.

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



	Conic Sections	Sections of a cone: Circles, 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 a circle.
October	Conic Sections	Ellipse, Parabola definition. Standard equations and simple properties of parabola and ellipse.
November	Conic Sections	Hyperbola definition. Standard equation and simple properties of Hyperbola.
	Introduction to Three Dimensional Geometry	Coordinate axes and coordinate planes in three dimensions. Coordinates of a point. Distance between two points.
	Probability	Events; occurrence of events, 'not', '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.
November	UNIT TEST - 2	
December	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 slope of tangent of the curve, derivative of sum, difference, product and quotient of functions. Derivatives of polynomial and trigonometric functions.
January	Statistics	Measures of Dispersion: Range, Mean deviation, variance and standard deviation of ungrouped/grouped data.
February	BLOCK TEST - 2	

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 Accountancy Session: 2026-2027		
Month	Topic	Sub topic
April	Introduction to Accounting	1. Meaning, features and types of transactions 2. Objective of accounting 3. Accounting terms, principles and concepts
	Accounting Equation	1. Accounting Equation
May	Double Entry System	1. Golden Rule of Journalising 2. Source documents 3. Journal 4. Accounting Standard
UNIT TEST-I		
June	Double Entry System	1. Journal with GST 2. Ledger posting and balancing of accounts
July	Cash Book	1. Single and Double column cash book 2. Petty cash book
	Subsidiary Book	1. Format and posting of Subsidiary book
	Trial Balance	1. Preparation of Trial balance 2. Correction in Trial balance
August	Bank Reconciliation Statement	1. Reconciliation of pass book balance with Cash book balance
Block Test 1		
September	Rectification of errors	1. Rectification before preparation of Trial Balance 2. Rectification after preparation of Trial Balance
October	Depreciation	1. Methods of depreciation 2. Reasons for charging depreciation 3. Provision for depreciation 4. Asset disposal account
November		Provision and Reserves
Unit Test II		
November	Capital and Revenues	1. Differentiation between Capital and Revenue expenditure 2. Differentiation between Capital and Revenue loss
	Financial Statements	1. Financial statements without adjustments 2. Financial Statements with adjustments
December	Incomplete Records	1. Preparation of Statement of affairs 2. Preparation of Statement of Profit & Loss
January		
February	Block Test II	

Class 11 Computer Science Session 2026 - 27

Month	Topic	Sub Topic
April	Introduction to Problem Solving	Steps for Problem-solving (Analyzing the problem, developing an algorithm, coding, testing, and debugging), representation of algorithms using flowchart and pseudocode, decomposition.
	Getting Started with Python	Introduction to Python, Features, executing "hello world", execution modes (interactive/script), character set, tokens (keyword, identifier, literal, operator, punctuator), variables, l-value/r-value, comments.
May	Python Fundamentals	Knowledge of data types: Number (integer, floating point, complex), boolean, sequence (string, list, tuple), None, Mapping (dictionary), mutable and immutable data types.
	Data Handling	Operators: arithmetic, relational, logical, assignment, augmented assignment, identity (is, is not), membership (in, not in); Expressions, precedence, type conversion, and input/output.
	Flow of Control	Introduction, use of indentation, and sequential flow.
UNIT TEST - I		
June	Flow of Control	Conditional statements: if, if-else, if-elif-else, flowcharts; Iterative Statements: for loop, range(), while loop, break and continue statements, nested loops.
July	Strings	Introduction, string operations (concatenation, repetition, membership, slicing), traversing using loops, built-in methods: len(), capitalize(), title(), lower(), upper(), count(), find(), index(), etc.
	Lists	Introduction, indexing, list operations, traversing using loops, built-in methods: append(), extend(), insert(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum(), nested lists.
August	Tuples	Introduction, indexing, tuple operations, built-in methods: len(), tuple(), count(), index(), sorted(), min(), max(), sum(); tuple assignment, nested tuple.
	Boolean Logic	NOT, AND, OR, NAND, NOR, XOR, truth tables and De Morgan's laws, Logic circuits.
BLOCK TEST - I		
September	Data Representation	Number System: Binary, Octal, Decimal and Hexadecimal; conversion between number systems; Encoding Schemes: ASCII, ISCII, and Unicode (UTF8, UTF32).

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



October	Computer System Overview	• Basic computer organisation: Introduction to Computer System, hardware, software, input device, output device, CPU, memory (primary, cache and secondary), units of memory (bit, byte, KB, MB, GB, TB, PB) • Types of software: System software (Operating systems, system utilities, device drivers), programming tools and language translators (assembler, compiler, and interpreter), application software • Operating System(OS): functions of the operating system, OS user interface
November	Dictionary	Introduction, accessing items using keys, mutability (adding/modifying), traversing, built-in methods: len(), dict(), keys(), values(), items(), get(), update(), del, clear(), copy(), pop().
UNIT TEST - II		
December	Cyber Safety	Safely browsing the web, identity protection, confidentiality; Malware: viruses, trojans, adware; E-waste management.
	Online Access and Computer Security	Cyber Crime: hacking, eavesdropping, phishing, fraud emails, ransomware, cyber trolls, cyber bullying; Information Technology Act (IT Act).
January	Society, Law and Ethics	Digital Footprints, Digital Society and Netizen; Data Protection: Intellectual property rights (copyright, patent, trademark), violation of IPR; Open source software; Gender and disability issues.
BLOCK TEST - II		

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 Information Technology : 2026-2027		
Month	Topic	Sub topic
April	Communication Skills-III	Communication types: Verbal and Non-verbal; Pronunciation Basics; Refusal Skills; Writing Skills: Parts of Speech and Sentences.
	Behavioral Skills	Greetings and Introduction; Talking about Self and family; Grooming; Personal Hygiene; Team Work; Networking Skills.
	Computer Organization	Introduction to Fundamentals of Computer; Characteristics; Components; Block diagram; CPU and its functions.
May	Self-Management Skills-III	Goal Setting; Time Management; Self-motivation; Entrepreneurship Skills: Introduction, Values, and thinking of an Entrepreneur.
	Operating System	Introduction to OS and its need; functions and types of OS; Troubleshooting hardware and software problems.
Unit Test - I		
June	Utilities	Disk Space management; Disk Cleanup; Managing Recycle Bin; Disk defragmentation; Removing unused programs.
July	Networking and Internet	Need and benefits of networking; Components: sender, receiver, message, channel; Wired and Wireless transmission media.
	Network Devices	Working Devices: RJ45, Modem, Repeater, Hub, Switch, Bridge, Gateway, Routers; Topologies: Bus, Star, Ring, Tree, Mesh.
August	Internet & Cyber Security	Terminology (Channels, Bandwidth, ISP); Protocols (TCP/IP, FTP, HTTP, SMTP); Network safety: Digital Footprints, Virus, Malware.
	Cyber Crime & Safety	Phishing, Hacking, Cyber Bullying; Networking Security Measures: Antivirus, Firewall; Cyber Safety: Netiquettes, IT Act.
Block Test - I		
September	Office Automation (Writer)	OpenOffice Writer: Window components, formatting documents using File, Edit, Insert tabs; Creating tables.
October	Office Automation (Calc)	OpenOffice Calc: Components, formatting features, AutoFill, Formulas and predefined functions (sum, sqrt, average); Sorting/Filtering.
	Office Automation (Impress)	OpenOffice Impress: Presentation software, views, animations, and transitions.
Unit Test - II		
November	RDBMS Tool	Database purpose; Table components; Relational Database Model; Keys: Primary, Candidate, Alternate, Foreign.
December	Introduction to MySQL	MySQL Classification (DDL, DML); Data Types; Creating databases and tables; Constraints; DML Commands: INSERT, UPDATE, DELETE.
January	Fundamentals of Java	Integrated Development Environment (NetBeans); IDE components; Properties of components like JButton, JTextField, JTextArea.
	Java Programming	Object-Oriented Programming (OOP); Data types; Variables; Operators; Selection statements (if, if-else, switch case).
Block Test - II		

Class 11 Informatics Practices Session: 2026-27

Month	Topic	Sub Topic
April	Introduction to Computer System	Evolution of computing devices; Components of a computer system and their interconnections; Input/output devices.
	Computer Memory & Software	Units of memory, types of memory (primary and secondary), data deletion/recovery; Purpose and types of software.
	Introduction to Python	Execution modes (interactive and script), program structure, indentation, identifiers, keywords, and variables.
May	Python Fundamentals	Operators (types and precedence), mutable/immutable data types, expression evaluation, and I/O statements.
	Debugging & Conversion	Data type conversion and debugging techniques.
Unit Test - I		
June	Control Statements	Conditional flow: if-else, if-elif-else; practical programs on conditional statements.
July	Iterative Statements	while loop and for loop; Programs on loops (e.g., natural numbers, multiples).
	Lists	List operations: creating, initializing, traversing, and manipulating; Built-in functions like len(), append(), insert(), pop().
August	Dictionary	Key-value pairs; creating, initializing, traversing, updating, and deleting; Methods: keys(), values(), items(), update().
	Introduction to NumPy	Introduction to NumPy; Creation of NumPy Arrays from Lists.
Block Test - I		
September	Database Concepts	Introduction to database concepts and its need; Database Management System (DBMS) fundamentals.
October	Relational Data Model	Concepts of domain, tuple, relation; Keys: candidate key, primary key, alternate key.
October	SQL Fundamentals	Advantages of SQL; Introduction to MySQL; Data Types; Data Definition Language (DDL): CREATE, DROP, ALTER.
Unit Test - II		
November	SQL Queries	Data Query: SELECT, FROM, WHERE with relational and logical operators; BETWEEN, IS NULL, IS NOT NULL.
December	Data Manipulation	Data Manipulation Language (DML): INSERT, DELETE, UPDATE commands.
January	Emerging Trends	AI, Machine Learning, NLP, AR/VR, Robotics, Big Data, IoT, Smart cities, Cloud Computing, and Blockchain.
Block Test - II		

Class 11 Geography Session: 2026-27

[Part A] Fundamentals of Physical Geography

Month	Unit	Topic	Sub topic
April	Unit- I Geography as a Discipline	Geography As a Discipline	• Introduction to Geography as a discipline • Geography as an integrating discipline • Approaches to study Geography • Branches of Geography • Physical Geography and its importance
	Unit II The Earth	The Origin and Evolution of the Earth	• Origin and evolution of the earth • Early theories: Origin of the Earth • Modern Theories: Origin of the universe • Formation of Stars and Planets • Evolution of the Earth
May	Unit II The Earth	Interior of the Earth	• Sources of Information about the Interior of the Earth • Earthquakes • Structure of the Earth • Volcanoes and Volcanic landforms
UNIT TEST - I			
June	Unit II The Earth	Distribution of oceans and continents	• Continental Drift Theory • Post Drift Studies • Ocean Floor Configuration • Distribution of Earthquakes and Volcanoes • Concept of Seafloor Spreading • Plate Tectonics • Movement of the Indian Plate
July	Unit- III Landforms	Geomorphic Processes	• Geomorphic processes: Exogenic and Endogenic • Endogenic Process: Diastrophism, Volcanism • Exogenic Processes Weathering, landslides. • Soil: Processes and factors of Soil Formation
	Unit- III Landforms	Landform and their Evolution	• Running water: Erosional and Depositional Landforms • Wind: Erosional and Depositional Landforms
	Unit-IV Climate	Composition and Structure of Atmosphere	• Atmosphere: composition and structure • Elements of weather and climate

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



August	Unit-IV Climate	Solar Radiation, Heat balance and Temperature	- Solar radiation: Variability of Insolation. - Processes of Heating and Cooling of Atmosphere - Terrestrial Radiation - Heat budget of the earth - Temperature- Factors controlling temperature; - Horizontal distribution of temperature; - Inversion of temperature
BLOCK TEST - I			
September	Unit-IV Climate	Atmospheric Circulations and Weather Systems	- Atmospheric Pressure - Forces affecting velocity and direction of Wind - General Circulation of the atmosphere: Pressure belts; - Winds: Planetary, Seasonal and Local; - Air masses and Fronts; - Tropical and Extratropical cyclones; - Thunderstorms and Tornadoes
October - November	Unit-IV Climate	Water in the Atmosphere	- Humidity-Absolute and Relative humidity - Evaporation and condensation- Different Forms of Condensation - Precipitation - Types of Rainfall - World distribution of rainfall
UNIT TEST - II			
December	Unit-V Water (Oceans)	Water (Oceans)	- Hydrological Cycle - Major and Minor Relief Features of the Ocean Floor - Temperature and Salinity of Ocean Waters
January	Unit-V Water (Oceans)	Movements of Ocean Water	Waves, • Tides • Ocean Currents.
BLOCK TEST-II			
[PART B] India: Physical Environment			
Month	Unit	Topic	Sub topic
April	Unit-I Introduction	India: Location	- India — Location, Size - Latitudinal and Longitudinal extent - Indian Standard time - India and its neighbours

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



May and June	Unit II Physiography	Structure and Physiography	• The Northern and North-eastern Mountains • The Northern Plain • The Peninsular Plateau • The Indian Desert • The Coastal Plains • The Islands.
UNIT TEST - I			
July	Unit II Physiography	Drainage System	• Drainage patterns • Concepts of River basin, Catchment Area, Watershed • The Himalayan River systems • The Peninsular River systems • Extent of Usability of River Water • Linking of rivers • Problems in using river water • Water pollution
August	III A	Climate	• Weather and climate • Unity and diversity in the Monsoon Climate • Factors determining the climate of India • The Nature and characteristics on Indian Monsoon
BLOCK TEST - I			
September and October	Unit III Climate Vegetation and Soil	Climate [Contd.]	• The Rhythm of Seasons • Distribution of Rainfall • Monsoon and the Economic Life in India • Global Warming
November	Unit III Climate Vegetation and Soil	Natural Vegetation	• Natural vegetation – Introduction • Forest types and distribution
UNIT TEST - II			
December	Unit III Climate Vegetation and Soil	Natural Vegetation [Contd.]	• Conservation of forests • Wildlife: conservation • Biosphere reserves
January	BLOCK TEST-II		

Class 11 Economics Session 2026-27			
Month	Unit	Topic	Sub-Topic
APRIL	Unit 4, Unit 1, Unit 2.	Introduction, Introduction to Statistics, Collection of data	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. Functions and importance of statistics. 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.
MAY	Unit 2, Unit 5	Organisation of data, Presentation of data, Consumer's Equilibrium and Demand	Meaning and types of variables, Frequency distribution. 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). Consumer's equilibrium - meaning of Utility, Marginal Utility, Law of Diminishing Marginal Utility, conditions of consumer's equilibrium using marginal utility analysis.
JUNE	Unit 5	Consumer's Equilibrium and Demand	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
UNIT TEST I			
JULY	Unit 5	Consumer's Equilibrium and Demand	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	Measures of Central Tendency	Mean, Median and Mode
AUGUST	Unit 6	Producer Behaviour and Supply	Meaning of Production Function – Short-Run and Long-Run Total Product, Average Product and Marginal Product. Returns to a Factor Cost – Short run costs - Total Cost, Total Fixed Cost, Total Variable Cost; Average Cost; Average Fixed Cost, Average Variable Cost and Marginal Cost - meaning and their relationships. Revenue – Total Revenue, Average Revenue and Marginal Revenue - meaning and their relationship.

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



AUGUST	REVISION FOR BLOCK TEST 1 AND BLOCK TEST I		
SEPTEMBER	Unit 6	Producer Behaviour and Supply	Producer's Equilibrium - meaning and its conditions in terms of Marginal Revenue Marginal Cost. 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.
OCTOBER	Unit 3	Statistical Tools and Interpretation	Correlation – meaning and properties, scatter diagram; measures of correlation - Karl Pearson's method (two variables ungrouped data) Spearman's rank correlation (Non-Repeated Ranks and Repeated Ranks).
NOVEMBER	Unit 7	Forms of market	Perfect Competition: Meaning, features of Perfectly competitive firms.
UNIT TEST II			
DECEMBER	Unit 7	Perfect Competition - Price Determination and simple applications.	Determination of market equilibrium and effects of shifts in demand and supply. (Short Run Only) Simple Applications of Demand and Supply: Price ceiling, Price floor.
JANUARY	Unit 3	Introduction to Index Numbers	Introduction to Index Numbers - meaning, types - Wholesale Price Index, Consumer Price Index and index of industrial production, uses of index numbers; Inflation and Index Numbers, Simple Aggregative Method.
FEBRUARY	BLOCK TEST II		

Class 11 Entrepreneurship : 2026-2027		
Month	Topic	Sub topic
April	Entrepreneurship : Concept and Functions	1. Concepts, Functions and Needs 2. Why entrepreneurship for you 3. Myths about entrepreneurship 4. Advantages and limitations of entrepreneurship 5. Process of entrepreneurship 6. Entrepreneurship- the indian scenario
	An Entrepreneur	1. Why an entrepreneur 2.Types of Entrepreneurs 3. Competencies and Characteristics of entrepreneurs
UNIT TEST-I		
June	An Entrepreneur	4. Entrepreneurial values, Attitudes and Motivation 5. Intrapreneur-Meaning and Importance
July	Entrepreneurial Journey	1.Generation of ideas 2.Feasibility studies and opportunity assessment 3.Business plan: meaning, purpose and elements 4. Execution of business plan
	Entrepreneurship as innovation and Problem solving	1. Entrepreneurs as problem solvers 2.Innovations and Entrepreneurial ventures- Global and Indian 3.Role of Technology- E commerce and social media 4.Social Entrepreneurship- Concept
August		
Block Test 1		
September	Understanding the Market	1. Market - Concept 2. Micro and Macro Market Environment 3.Market Research - Concept, Importance and Process 4. Marketing Mix
October		
November	Business Finance and Arithmetic	1. Unit Cost, Unit of Sale, Unit price of a product or service
Unit Test II		
November	Business Finance Arithmetic	2. Types of cost- Components of Start ups cost, Variable costs and Fixed costs 3. Break even point- Calculation of break even point of single product and service and its analysis
December		
January	Resource Mobilisation	1. Types of resources- Physical, Human, Financial and Intangible 2. Selection and utilisation of all these resources.
February	Block Test II	

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 Political Science: 2026-2027		
Month	Topic	Sub topic
April	Constitution: Why and How?	Why do we need a Constitution? The authority of a Constitution. How was the Indian Constitution made? Provisions adapted from Constitutions of different countries
	Rights in the Indian Constitution	The importance of rights -Bill of Rights b) Fundamental rights in the Indian Constitution; Directive principles of state policy; Relationship between Fundamental Rights and Directive Principles
	Elections and Representation	Elections and democracy, Election system in India -FPTP system; Reservation of constituencies; Free and fair elections Electoral Reforms
May	Legislature	Why do we need a parliament? Why do we need two houses of parliament? What does the parliament do?How does the parliament make laws? How does the parliament control the executive?What do the committees of parliament do? How does the parliament regulate itself?
UNIT TEST- I		
June	Executive	Parliamentary Executive in India; What is an Executive; Different Types of Executive; Powers and Position of the President Prime Minister and the Council of Ministers; The Bureaucracy
July	Judiciary	Why do we need an independent judiciary?-Independence of Judiciary-Appointment of Judges - Removal of Judges Structure of the Judiciary Jurisdiction of Supreme Court Judicial Activism Judiciary
	Federalism	Federalism in the Indian Constitution Federalism with a strong central government Conflicts in India's federal system President's Rule Special provisions
	Local Governments	Necessity of Local Governments; Growth of Local Governments in India; "73rd and 74th Amendments; Working and Challenges of Local Governments"
August	Constitution as a Living Document	Are constitutions static? How to amend the constitution? Why have there been so many amendments? Contents of amendments made so far?
	The Philosophy of the Constitution	Meaning of Philosophy of the Constitution; Need to go back to Constituent Assembly; Political Philosophy of the Constitution; Procedural Achievements, Criticisms, Limitations
	BOOK 2 : POLITICAL THEORY Political	What is Politics?Politics vs Political Theory Importance of Political Theory; Putting Political theory into
	Freedom	The Sources of Constraints-Why do we need constraints? The Harm Principle Negative and Positive liberty
BLOCK TEST 1		

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



September	Equality	Equality Why does equality matter? • Equality of opportunities • Natural and Social Inequalities Three dimensions of equality Feminism, Socialism How can we promote equality?
	Social Justice	What is Justice? • Equal Treatment for Equals • Proportionate Justice • Recognition of Special Needs Just distribution John Rawls Theory of Justice Pursuing Social Justice
October	Rights	What are Rights? Where do rights come from? Legal rights and the state Kinds of rights Rights and responsibilities
November	Citizenship	Introduction Full and equal membership, Equal Rights, Citizen and Nation,
	Nationalism	Introducing Nationalism, Nations and Nationalism, National Self Determination; Nationalism and Pluralism
UNIT TEST 2		
December-January	Secularism	What is Secularism? • Inter-religious Domination • Intra-religious Domination, Secular State, The western model of secularism, The Indian model of secularism
BLOCK TEST 2		

Class 11 Business Studies Session: 2026-27		
Month	Topic	Sub Topic
April	Evolution and Fundamentals of business	1. History of commerce in India and its characteristics 2. Difference between Business, Profession and Employment 3. Objectives of business 4. Role of profit 5. Classification of business activities 6. Meaning, nature and causes of business risk
May	Forms of business organisation	2. Partnership- its features, merits and demerits and types of partners. 3. Cooperative Societies-Types , featurea, merits and demerits
Unit Test I		
June	Forms of business organisation	4. Joint Hindu Family Business- its features , merits and demerits 5. Joint Stock Company-its features, merits and demerits 6. Formation of a company
July	Public, private and global enterprises	1. Forms of Public Enterprises 2. Global enterprises and Public private partnership 3. Difference between public sector and private sector
	Business Services	1. Banking- types of account, Banking services 2. RTGS, NEFT and core banking 3. Insurance- Its principles 4. Life, Fire and Marine Insurance (meaning and differentiation) 5. Postal and Telecom Services
August	Emerging modes of Business	1. E-business-its scope and benefits 2. Resources required to implement e-business. 3. Online transactions and payment mechanism 4. Security and safety of online transactions 5. Outsourcing (BPO and KPO)
Block Test 1		
September	Social responsibility and Business Ethics	1. Meaning, definition and need for Social Responsibility 2. Arguments For and Against Social Responsibility 3. Responsibility towards different interest groups.
October	Sources of business finance	1. Meaning and need for Business Finance. 2. Sources of business finance on ownership basis and time period basis 3. Equity shares, Preference shares, Retained earnings etc 4. Borrowed funds- Debentures, Bonds Loans from Financial institution and commercial banks, Public Deposit, Trade credit etc

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



November	Small business and enterprises	1. Meaning of entrepreneurship development 2. Intellectual property rights
Unit Test II		
November	Small Business and Enterprises	1. Meaning of small business 2. Role of small business in India 3. Various Govt Schemes and agencies for development of small scale industries 4. NSIC and DIC with special reference to rural , backward area
December	Internal Trade	1. Services of a wholeseller 2. Services of a retailer 3. Types of Retail Trade-Itenerant retailers, Small scale retailers , Large scale retailers 4. Departmental Stores, Chain Stores and Mail Order Houses
January	International Trade	1. Meaning and characteristics of International Trade 2. Advantages and disadvantages of International Trade 3. Export procedure with all documents needed 4. Import procedure with all documents needed 5. WTO- Its meaning and Objectives
February	Block Test II	

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 Legal Studies : 2026-2027			
Month	UNITS	CHAPTERS	SUB TOPICS
July	Unit 1: Introduction to Political Institutions	Chapter 1-Concept of State	Meaning of State and Government; Emergence of the State from society; theories on the origin of the State; Elements of the State; Role of the State
		Chapter 2 - Forms and Organs of the Government	Introduction to the Organs of Government; Forms of Government- Monarchy, Aristocracy, Dictatorship, Democracy; Main Organs of the government and its functions- legislature, Executive, Judiciary
	Unit 1: Introduction to Political Institutions	Chapter 3 - Separation of Powers	Concept, Historical Background and Evolution of Montesquieu's Doctrine of Separation of Powers; Checks and balances of power; Impact of the Doctrine; Evaluation- Key Benefits and Advantages of the Doctrine of Separation of Powers; Defects of the Doctrine; Separation of Powers in Britain, USA and India
	Unit 2: Basic Features of the Constitution of India	Chapter 1: Salient features of the Constitution	Meaning of the term Constitution, Definition of the term Constitution, Historical Perspective of Indian Constitution; Salient features of the Constitution
		Chapter 2: Administrative Law	Background; Administrative Law and Constitutional Law; Reasons for Growth, Development and Study of Administrative Law, Types of Administrative Actions, Rule of Law, Fundamental Principle of Administrative Law; Droit System
	August	Unit 3: Jurisprudence, Nature and Sources of Law	Chapter 1 : Jurisprudence, Nature and Meaning of law Chapter 2 : Classification of Laws
Chapter 3 : Sources of Laws			Where does law come from? Custom as a source of Law ; Importance of Custom as a source of Law in India; Judicial Precedent as a Source of Law ; Legislation as a Source of Law
Chapter 4 : LawReforms			Need for Law Reform Law Reforms in India Recent Law Reforms in Independent India
BLOCK TEST I			
September - October	Unit 3: Jurisprudence, Nature and Sources of Law	Chapter 5 : Cyber Laws, Safety and Security in India	Why do we need Cyber Laws What is Cyber Law? What is Cyber safety and Security? What is cyber Crime? Categories of Cyber Crime Cyber law in India Scope and Extent of The Information and Technology Act, 2000 (IT Act) What was Section 66A of IT Act, 2000?

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



November	Unit 4: Judiciary : Constitutional, Civil and Criminal Courts and Processes	Chapter 1: Judiciary : Constitutional, Civil and Criminal Courts and Processes	i. Introduction: Establishment of the Supreme Court and High Courts ii. CONSTITUTION, ROLES AND IMPARTIALITY a. Independence and Impartiality of the Supreme Court b. Structure and Hierarchy of the Courts in India c. The civil process and functioning of Civil Courts iii. THE CIVIL COURT STRUCTURE a. Common legal terminology b. Types of jurisdiction c. Res subjudice and Res judicata in code of civil procedure 1908 iv. STRUCTURE AND FUNCTIONING OF CRIMINAL COURTS IN INDIA a) Types of offences b) Criminal investigation and First Information Report c) The criminal process- Investigation and prosecution
Unit Test II			
December	Unit 5 : Family Justice System	Chapter 1- Institutional Framework- Marriage and Divorce	I. Nature of Family law in India II. Human rights and gender perspective III. Institutional framework- family Courts IV. Role of women in the creation of family courts V. Role of lawyers and counselors in Family courts VI. Role of counselors and gender issues VII. Marriage and Divorce
		Chapter 2- Child Rights	Child Rights Right to Education, Health, Shelter, Child Labour, Sexual Abuse, Juvenile Justice
		Chapter 3 -Adoption	Adoption ; Minor Custody and Guardianship
January		Chapter 4- Property , Succession and Inheritance	Concept of Joint Family Property and Separate property; Inheritance and Succession; Intestate succession, Testamentary succession
		Chapter 5 - Prevention of Violence against Women	I. What is Domestic abuse / violence? II. International legal framework III. Laws in India on prevention of violence against women
BLOCK TEST II			

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 History: 2026-2027

Month	Topic	Sub topic
April-May	Writing and City Life	Mesopotamia and its Geography The significance of urbanism Movement of goods into cities The development of writing The system of writing Literacy The uses of writing Urbanisation in southern Mesopotamia: Temples and kings Life in the city A trading town in a pastoral zone Cities in Mesopotamian culture The legacy of writing
UNIT TEST - I		
June	An Empire across Three Continents	The early empire The third-century crisis Gender, literacy, culture Economic expansion Controlling workers Social hierarchies Late antiquity
July	Nomadic Empires	Social and political background The career of Genghis Khan The Mongols after Genghis Khan Social, political and military organisation Conclusion: Situating Genghis Khan and the Mongols in world history
August	The Three Orders (till the 4th order)	An introduction to Feudalism France and England The three orders The second order: The Nobility The manorial estate The Knights The first order: the Clergy Monks The Church and society The third order: Peasants, free and unfree England Factors affecting social and economic relations The environment Land use New agricultural technology
Block Test 1		
September-October	The Three Orders (to be continued)	A Fourth Order? New towns and townspeople Cathedral-towns The crisis of the fourteenth century Social unrest Political changes
Unit Test II		

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



November	Changing Cultural Traditions	The revival of Italian cities Universities and Humanism The humanist view of history Science and philosophy: The Arabs' contribution Artists and Realism Architecture The first printed books A new concept of human beings The aspirations of women Debates within Christianity The Copernican Revolution Reading the universe Was there a European 'Renaissance' in the fourteenth century?
December	Displacing Indigenous People	European imperialism North America The native peoples Encounters with Europeans Mutual perceptions The native peoples lose their land The Gold Rush, and the growth of industries Constitutional rights The winds of change... Australia
January	Paths to Modernisation	JAPAN The political system The Meiji Restoration Modernising the economy Industrial workers Aggressive nationalism 'Westernisation' and 'Tradition' Daily life 'Overcoming modernity' After Defeat: Re-emerging as a global economic power CHINA Establishing the republic The Rise of the Communist Party of China Establishing the new democracy: 1949-65 Conflicting visions: 1965-78 Reforms from 1978 The story of Taiwan The story of Korea Beginnings of modernisation A post-war nation Rapid industrialisation under strong leadership Continued economic growth and calls for democratisation Korean democracy
February	Block Test II	

Class 11 Dance (Bharatnatyam) : 2026-2027

Month	Topic	Sub topic
April	Theory : A brief history of Indian dance	Dances during Vedic Period, Nritya during Aryan period, Nritya during Ramayan, Mahabharata and Buddha period.
	Practical	Practice of Basic standing and sitting positions : Pada and Mandala bhedas, Adavus : Tatta, Natta, Ta tai tai ta and Kudittu mettu Adavus
May	Theory : A brief history of Indian dance	Nritya during 3rd Century AD, 4th Century AD, Rajput period, Mughal period, European period and Post Independence period. Practical : Greeva, Shiro, Dristi bheda, Tai ya tai yai standing adavus, Tat tai ta ha Adavus, Tai tai tam adavus, Kattu Adavus and allied Utplavana adavus
UNIT TEST-I		
June	Theory : History of Bharatnatyam	Mythological reference from the Natyotpatti in the Abhinaya Darpanam
July	Practical	Tadginginatom, Kitatakatarikitatom, Mandi Adavu, Sarukkai adavu and revision of previous adavus and padavedas and mandal vedas
July	Theory :	Evolution of the different schools of Bharatnatyam - Tanjavur, Pandanallur
		Vazhuvur, Contribution of Tanjore Quartet
August	Practical	Revision of previous adavus, Bhedas and Hastas
Block Test 1		
September	Theory : Acquaintance with the themes of Ramayana, Gita- Govinda	RAMAYAN - Names of all Kandas, Sita-Swayamvaram, Rama Vanagamanam, Suparnakha prasangam, Sita haranam, Chooramani pradanam
October	Bhagavata Purana	GITA GOVINDA : Lalita Lavangalata, Hariraha, Aklesha Keshava, Mugdha Madhusudana- hari hari hatadarataya Vilakshya Lakshmpatiha
November	Gita - Govinda	Yahi Madhava Chatura Chaturbhuja- priye Charushile : Sanjeevani Astapadi.
Unit Test II		

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



November	Gita Govindam and Bhagavat Purana, Definition of the musical terms used in dance .	Acquaintance with other myths and legends pertinent to the dance form, The Cosmic dance of Shiva and Significance of Nataraja, The story of Mahishasura Mardini, The Legend of Ganesha. Practical: Simple Korvais in Adi talam for 1-2 avartana, Simple forward and backward gaits in Tisra and Chatusra (Count of 3 and 4)
December		Bhagavata Purana - Names of all Skandas (Sadhana Skanda, Dashavatar, Purushartha Skanda - Daksha, Dhruva, Sthiti Skanda - The story of Manu and the description of the world, Vasana Skanda - Phalada and Nirodha Skanda- Birth and Life of Krishna. Pushpanjali, Mallari, Kautuvam, Alaripu, Jatiswaram , Shabdham, Varnam, Keertanam, Padam, Astapadi, Javali and Tillana. Costume and Jewellery, Language of Music style, Technical aspects of performance, Basic posture.
January		Practical : Alaripu - Tisra Eka Talam. Tala - Adi talam and Rupaka talam with hastakriya and ability to repeat the adavu syllabi in Trikala in the appropriate talam.
February	Block Test II	

Class 11 Hindustani Music Vocal : 2026-2027

Month	Topic	Sub topic
April	Introduction of Hindustani Music.	Vedic and Ancient Roots, Emergence of Raga System.
	Raga- Bihag	Vilambit & Drut Khayal, Alap - Taan.
May	Notation Writing	Writing in notation the composition
UNIT TEST-I		
June	Theory: Nada, Shruti, Swar, Saptak, Thaata, Jati, Laya, Tala.	Brief of the following Nada, Shruti, Swar, Saptak, Thaata, Jati, Laya, Tala.
July	Raga- Bhimpalasi	Vilambit & Drut Khayal, Alap- Taan.
	Notation	Writing in notation the composition of Raga Bhimpalasi
August	Dhrupad	One Dhrupad with Dugun in any one of the following Ragas: Bihag, Bhimpalasi, Bhairavi.
	Theory: Margi- Desi, Raga.	Brief study of the following: Margi-Desi, Raga.
Block Test 1		
September	Raga- Bhairavi	Vilambit & Drut Khayal, Alap-Taan.
	Devotional Song	Bhajan, Kirtan or Qawwali.
October	Dhrupad, Khayal and Tarana	Brief History of the following Dhrupad, Khayal and Tarana.
November	Teentala, Ektala, Chautala	Description of Talas along with Tala notation.
	Musical Elements in Natya Shastra	Brief study of Musical Elements in Natya Shastra.
Unit Test II		
December	Tansen, V. N. Bhatkhande, V.D.Palushkar	Life sketch and contribution in Hindustani Music of Tansen, V.N.Bhatkhande and
	Structure of Tanpura	knowledge of the structure of Tanpura.
January	Recognition of Ragas and Revision	All Unit Revision.
	Practical File / Project	Indian Instruments
February	Block Test II	



Class 11 Painting : 2026-2027

Month	Topic	Sub topic
April	Pre-Historic rock paintings and Art of Indus Valley.	Pre-Historic Rock-Art: Wizard's Dance, Bhimbethaka
		Indus Valley Introduction with Dancing girl
		Male Torso
May	Pre-Historic rock paintings and Art of Indus Valley.	Mother Goddess
		Bull (Seal)
		Painted earthen-ware
UNIT TEST-I		
June	Buddhist, Jain andHindu Art.	Mauryan, Shunga, Kushana and Gupta period: Intro
		Lion Capital from Sarnath
		Chauri Bearer from Didar Ganj
July	Buddhist, Jain andHindu Art.	Seated Buddha from Katra Mound
		Jain Tirathankara
August	Temple Sculpture	Ajanta: Introduction
		Indian Temple sculpture
		Descent of Ganga
		Trimuti
		Lakshmi Narayana
		Cymbal Player
Block Test 1		
September	Indian structure & bronze	Mother and Child
		Indian bronze: Introduction
October	Indian structure & bronze	Nataraj
		Qutub Minar
November	Indo Islamic Architecture	Qutub Minar Continue
		Gol Gumbad, Bijapur
Unit Test II		
November	Fundamental of Arts	Basic Fundamental of Visual Arts (Th)
December	Shadanga Theory	6 limbs of Visual arts (Basic)
January	Revision	Pre-Historic rock paintings and Art of Indus Valley
		Buddhist, Jain and Hindu Art.
		Temple, Sculpture, Bronze & Islamic Architecture
February	Block Test II	

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 Psychology: 2026-2027		
Month	Topic	Sub topic
April	What is Psychology?	Introduction understanding and evolution
		Branches, themes, psychology in India, Psychology at work, psychology in everyday life.
	Methods of enquiry	Goals and nature of enquiry.
		Some important methods such as experimentation (concept of variables), interview, case study, survey, observation Analysis of data (qualitative and quantitative), ethical issues
May	Practical 1	Report on any one method of enquiry (survey method)
UNIT TEST - I		
June	Human Development	Development, growth and maturation
		Overview of developmental stages: different types of development; Infancy, childhood, adulthood etc.
	Practical 2	Highlighting Adolescence as "a period of stress and storm" through newspaper or magazine cut outs and relevant research.
July-August	Sensory attentional perceptual processes	Sensation and different sense modalities: an introduction
		Attention: concept, factors and theories
		Perception: concept, factors, Gestalt principles. Perceptual cues
		Perceptual constancies and illusions
	Learning	Nature of learning
		Classical & Operant conditioning, other Application of learning principles Specific learning disorders
	Practical 3	Psychology of Advertisements: Highlighting the factors of attention that attracts the potential customers.
Block Test 1		
September- October	Human Memory	Nature of memory, Information Processing approach of memory; Knowledge representation and processes.
		Atkinson-Shiffrin model
		Nature and causes of forgetting
		Enhancing Memory
	Practical 4+5	To determine the capacity of memorization of the subject using auditory or visual presentation. + To determine the effect of Pro Active Inhibition on the memorization capacity of the subject.
Unit Test II		
November	Thinking	Nature of Thinking; Thought and language
		Reasoning, problem solving, decision making
		Nature and process of creative thinking

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



		Developing creativity, Language development
December	Motivation & Emotion	Nature of motivation. Motives- Biological and
		Maslow's Hierarchy of needs
		Emotion-concepts and definitions
		Emotional expressions
		Theories of emotions
		Managing Negative emotion
January	Revision	
February	Block Test II	

Class 11 Sociology : 2026-2027			
Month	Unit	Topic	Sub topic
April	UNIT A: Introducing Sociology	1. Sociology, Society and its relationship with other Social Science disciplines	collectivities. Pluralities and Inequalities among societies. • Introducing Sociology: Emergence. Nature and Scope. • Relationship with other Social Science disciplines
May	UNIT A: Introducing Sociology	2. Terms, concepts and their use in Sociology	• Social Groups and Society • Social Stratification • Status and Role • Society & Social Control
UNIT TEST-I			
June	UNIT B: Understanding Society	7. Social Change and Social order in Rural and Urban Society	• Social Change: Types, Causes and Consequences • Social Order: Domination, Authority and Law; Contestation, Crime and Violence • Concepts: Village, Town and City • Social Order and Social Change in Rural and Urban Areas
July			
August	UNIT B: Understanding Society	9. Introducing Western Sociologists	• The Context of Sociology • Karl Marx on Class Conflict • Emile Durkheim: Division of Labour in society • Max Weber: Interpretive Sociology, Ideal Type & Bureaucracy
Block Test 1			
September	UNIT A: Introducing Sociology	3. Understanding Social Institutions	• Family, Marriage and Kinship • Work & Economic Life • Political Institutions • Religion as a Social Institution • Education as a Social Institution
October			
Unit Test II			
November	UNIT A: Introducing Sociology	4. Culture and Socialization	• Defining Culture • Dimensions of Culture • Socialization • Agencies of Socialisation &Sociology
December			
January	UNIT B: Understanding Society	10. Indian Sociologists	• G.S. Ghurye on Caste and Race • D.P. Mukherjee on Tradition and Change • A.R. Desai on the State • M.N. Srinivas on the Village
February	Block Test II		

Class 11 Yoga: 2026-2027

Month	Topic	Sub topic
April	PART-A: EMPLOYABILITY SKILLS	Unit 1: Communication Skills-III
		Unit 2: Self-Management Skills-III
May	Unit 1 – Introduction to Yoga and Yogic Practices - I	• Yoga Etymology, definition, Aim, objective and misconception text
		• Yoga origin, history and development
		• Rules and regulations to be followed by yoga practitioners
		• Introduction to Major schools of Yoga (Janan, Yoga Bhakti, Yoga Karma, Patanjali, Hatha)
		• Introduction to yogic practices (Sukshama Vyayama, Surya Namaskar and Asanas)
UNIT TEST - I		
June	PART-A: EMPLOYABILITY SKILLS	Unit 3: Information and Communication Technology Skills-III
		Unit 4: Entrepreneurial Skills-III
July	Unit 2 – Introduction to Yoga Texts - I	• Introduction and study of Patanjali Yoga Sutra including memorization of selected Sutra
		• Introduction and study of Bhagavad Gita including memorization of selected Slokas
August	Unit 2 – Introduction to Yoga Texts - I	• Introduction of Hata Pradpika.
		• Introduction and study of Gheranda Samhita.
Block Test 1		
September	Unit 3 – Yoga for Health Promotion – I	• Brief introduction to human body
		• Role of yoga for health promotion
October	Unit 3 – Yoga for Health Promotion – I	• Yogic attitudes and practices
		• Holistic approach of yoga towards the health and diseases
November	Unit 3 – Yoga for Health Promotion – I	• Introduction to yoga diet and its relevance and importance in yoga Sadhana
		• Dincharya and Ritucharya with respect of yogic lifestyle
Unit Test II		
November	PART-A: EMPLOYABILITY SKILLS	Unit 5: Green Skills-III
December	Part-B – SUBJECT SPECIFIC SKILLS	Revision Unit 1 & 2
		Revision Unit 3
January	PART-A: EMPLOYABILITY SKILLS	Revision Unit 1 & 2
		Revision Unit 1 & 2
February	Block Test II	

Syllabus



**DELHI PUBLIC SCHOOL
DURGAPUR**



Class 11 Physical Education: 2026-2027

Month	Topic	Sub topic
April	Unit : 1 Changing Trends and Careers in Physical Education	Concept, Aims & Objectives of Physical Education
		Development of Physical Education in India – Post Independence
		Changing Trends in Sports playing surface, wearable gear and sports equipment, technological advancements
		Career options in Physical Education
		Khelo-India Program and Fit – India Program
May	Unit : 2 Olympism Value Education	Olympism – Concept and Olympics Values (Excellence, Friendship & Respect)
		Olympic Value Education – Joy of Effort, Fair Play, Respect for Others, Pursuit of Excellence, Balance Among Body, Will & Mind
		Ancient and Modern Olympics
		Olympics - Symbols, Motto, Flag, Oath, and Anthem
		Olympic Movement Structure - IOC, NOC, IFS, Other members
UNIT TEST - I		
June	Unit : 3 Yoga	Meaning and importance of Yoga
		Introduction to Astanga Yoga
		Yogic Kriyas (Shat Karma)
		Pranayama and its types.
		Active Lifestyle and stress management through Yoga
July	Unit : 4 Physical Education and Sports for Children with Special Needs	Concept of Disability and Disorder
		Types of Disability, its causes & nature (Intellectual disability, Physical disability).
		Disability Etiquette
		Aim and objectives of Adaptive physical Education
		Role of various professionals for children with special needs (Counselor, Occupational Therapist, Physiotherapist, Physical Education Teacher, Speech Therapist, and Special Educator)
August	Unit : 5 Physical Fitness, Wellness, and Lifestyle	Meaning & importance of Wellness, Health, and Physical Fitness.
		Components/ Dimensions of Wellness, Health, and Physical Fitness
		Traditional Sports & Regional Games for promoting wellness
		Leadership through Physical Activity and Sports
		Introduction to First Aid – PRICE
Block Test 1		
September	Unit : 6 Test, Measurement & Evaluation	Define Test, Measurements and Evaluation.
		Importance of Test, Measurements and Evaluation in Sports.
		Calculation of BMI, Waist – Hip Ratio, Skin fold measurement (3-site)
		Somato Types (Endomorphy Mesomorphy & Ectomorphy)
		Measurements of healthrelated fitness
October	Unit : 7 Fundamentals of Anatomy, Physiology in Sports	Definition and importance of Anatomy and Physiology in Exercise and Sports.
		Functions of Skeletal System, Classification of Bones,
		Properties and Functions of Muscles.
		Structure and Functions of Circulatory System and Heart.
		Structure and Functions of Respiratory System.
November	Unit : 8 Fundamentals Of Kinesiology And Biomechanics in Sports	Definition and Importance of Kinesiology and Biomechanics in Sports.
		Principles of Biomechanics
		Kinetics and Kinematics in Sports
		Types of Body Movements - Flexion, Extension, Abduction, Adduction, Rotation, Circumduction, Supination & Pronation
		Axis and Planes – Concept and its application in body movements
Unit Test II		

Syllabus



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November	Unit : 9 Psychology and Sports	Definition & Importance of Psychology in Physical Education & Sports;
		Develop-mental Characteristics at Different Stages of Development.
		Adolescent Problems & their Management;
		Team Cohesion and Sports;
		Introduction to Psychological Attributes: Attention, Resilience, Mental Toughness
December	Unit : 10 Training & Doping in Sports	Concept and Principles of Sports Training
		Training Load: Over Load, Adaptation, and Recovery
		Warming-up & Limbering Down – Types, Method & Importance.
		Concept of Skill, Technique, Tactics & Strategies
		Concept of Doping and its disadvantages
January	Unit 1 to 10	Revision
February	Block Test II	