

**DELHI PUBLIC SCHOOL HATHRAS**

AE SYLLABUS: 2024-25

CLASS: XI

SUBJECT	SYLLABUS
English	Unseen passage, Note making, Advertisement, Poster making, Formal Letters, Job application, Speech writing, Debate, GRAMMAR: Tense, Determiners, Active and Passive Voice, Direct and Indirect Speech, Editing, LITERATURE: Ch.1. Portrait of a Lady, Ch.2 We are not Afraid to Die..., Ch.3 Discovering Tut, Ch.7 Adventure, Ch.8 Silk Road, Poems: A Photograph, The Laburnum Top, The voice of rain, Childhood, Father to Son, Ch.1 Summer of the beautiful white horse, Ch.2 The Address, Ch.5 Mother's day, Ch.7 Birth, Ch.8 The Tale of Melon city
Physics	Unit 1- Physical world and measurements, Unit 2- Kinematics, Unit 3- Laws of motion, Unit 4- Work, energy, power, Unit 5- Motion of system of particles and rigid body, Unit 6- Gravitation, Unit 7- Properties of bulk matter, Unit 8- Thermodynamics, Unit 9- Behaviour of perfect gases and kinetic theory of gases, Unit 10- Oscillation and wave
Chemistry	Ch.1 Some basic concepts of Chemistry, Ch.2 Structure of an atom, Ch.3 Classification of an element and its periodicity, Ch.4 Chemical Bonding and molecular structures, Ch.5 Thermodynamics, Ch.6 Equilibrium, Ch.7 Redox reactions, Ch.8 General organic chemistry, Ch.9 Hydrocarbons
Biology	Ch.1 The Living World, Ch.2 Biological Classification, Ch.3 Plant Kingdom, Ch.4 Animal Kingdom, Ch.5 Morphology of Flowering Plants, Ch.6 Anatomy of Flowering Plants, Ch.7 Structural Organisation in Animals, Ch.8 Cell : The Unit of Life, Ch.10 Cell Cycle and Cell Division, Ch.13 Photosynthesis in Higher Plants, Ch.14 Respiration in Plants, Ch.17 Breathing and Exchange of Gases, Ch.18 Body Fluids and Circulations, Ch.19 Excretory Products and their Elimination
Physical Education	Ch.1 Changing trends and career option in physical education, Ch.2 Olympic value education, Ch.3 Yoga, Ch.4 Physical education and sports for CWSN, Ch.5 Physical fitness and wellness, Ch.6 Test ,measurements and evaluation, Ch.7 Fundamentals of anatomy physiology in sports, Ch.8 Fundamentals of kinesiology biomechanics in sports, Ch.9 Psychology and sports, Ch.10 Training and doping in sports
Computer Science	Ch.1 Computer System Overview, Ch.2 Data Representation, Ch.4 Introduction to Problem Solving, Ch.5 Getting Started with Python, Ch.6 Python Fundamentals, Ch.7 Data Handling, Ch.8 Introduction to Python Modules, Ch.9 Flow of Control, Ch.10 String Manipulation, Ch.11 List Manipulation, Ch.12 Tuples, Ch.13 Dictionaries, Ch.14 Cyber Safety, Ch.15 Society, Law and Ethics
Maths	Ch.1 Sets, Ch.2 Relations and Functions, Ch.3 Trigonometric Functions, Ch.4 Complex Numbers, Ch.5 Linear Inequalities, Ch.6 Permutations and Combinations, Ch.7 Binomial Theorem, Ch.8 Sequences and Series, Ch.9 Straight Lines, Ch.10 Conic Sections, Ch.11 Introduction to 3-Dimensional Geometry, Ch.12 Limits and Derivatives, Ch.13 Statistics, Ch.14 Probability
Accountancy	Ch-1 Introduction of Accounting, Ch-2 Basic Terms of Accounting, Ch-3 Theory Base of Accounting, Accounting Standards, Ch-4 Bases of Accounting, Ch-5 Accounting Equations, Ch-6 Accounting Procedures- Rules of Dr. and Cr. Ch-7 Origing of Transactions, Ch-8 Journal, Ch-9 Ledger, Ch-10 Special Purpose Book-1, Ch-11 Special Purpose Book-2, Ch-12 Accounting of Goods and Services Tax (GST), Ch-13, Bank Reconciliation Statement, Ch-14 Trial Balance, Ch-15 Depreciation, Ch-16 Provision and Reserves, Ch-17 Rectification of Errors, Ch-18 Financial Statement of Sole Prop. Ch-19 Adjustment of Financial Statements, Ch-20 Accounting from incomplete records Single Entry System.
Economics	SECTION A: STATISTICS 1. Meaning & scope of statistics, 2. Collection of data, 3. Organisation of data, 4. Presentation of data, 5.Measures of central tendency, 6. Corelation, 7. Index No. SECTION B: MICROECONOMICS 1. Introduction, 2. Consumer equilibrium, 3. Demand & elasticity, 4. Production, 5.Cost, 6. Revenue, 7. Supply, 8. Forms of market & price determination=I
Business Studies	Ch.1 Evoluation andFundamentals of Business, Ch.2 Forms of Business Organisations, Ch.3 Public, Privated and Global Enterprises, Ch.4 Business Services, Ch.5 Emerging Modes of Business, Ch.6 Social Responsibility of Business and Business Ethics, Ch.7 Sources of Business Finance, Ch.8 Small Business and Entrepreneurship Development, Ch.9 Internal Trade, Ch.10 Internaltional Business (International Trade Concept, and Benefits, Documents involved in international trade, Indent, letter of credit, Shipping order, Shipping bills, Mate's Receipts)
Entrepreneurship	Ch.1 Entrepreneurship: Concept and Functions, Ch.2 An Entrepreneur, Ch.3 Entrepreneurial Journey, Ch.4 Entrepreneurship as innovation and problem solving, Ch.5 Understanding the market, Ch.6 Business Finance and Arithmetic, Ch.7 Resource Mobilisation.
Political Science	Part A Ch 1. Constitution - Why and How?, Ch. 2.Rights in Indian Constitution, Ch. 3. Election and Representation, Ch. 4. Executive, Ch. 5. Legislature, Ch. 6. Judiciary, Ch. 7. Federalism, Ch. 8 . Local Governments Part B Ch. 1. Political theory and introduction, Ch. 2. Freedom, Ch. 3. Equality, Ch. 4. Social Justice, Ch. 5. Rights, Ch. 6. Citizenship, Ch. 7 . Nationalism, Ch. 8. Secularism
History	Ch 1 writing and cities, Ch 2 An Empire across three continents, Ch 3 Nomadic Empire, Ch 4 The three order, Ch 5 Changing culture and traditions, Ch 6 Displacing Indigenous People, Ch 7 Path to Modernization