Somerville School

Vasundhara Enclave, Delhi – 110 096

Syllabus for Class XI

2025 – 2026

BOOKLIST (2025 – 2026)

SL. NO.	NAME	PUBLISHER	RATE
1	**ENGLISH CORE (301)**		
	1. HORNBILL – TEXTBOOK IN ENGLISH FOR CLASS- XI (CORE COURSE)	N.C.E.R.T.	
	2. SNAPSHOTS – SUPPLEMENTARY READER IN ENGLISH FOR CLASS -XI (CORE COURSE)	N.C.E.R.T.	
2	**MATHEMATICS (041)**		
	MATHEMATICS - TEXTBOOK FOR CLASS-XI	N.C.E.R.T.	
	MATHEMATICS – EXEMPLAR PROBLEMS (CLASS XI)		
3	APP. MATH (241) –APPL. MATHS-CLASS XI BY M.L. AGGARWAL & NEERAJ RAJ JAIN	AVICHAL PUBL. COMPANY	
4	**PHYSICS (042)**		
	1. PHYSICS – PART I - TEXTBOOK FOR CLASS - XI	N.C.E.R.T.	
	2. PHYSICS – PART II- TEXTBOOK FOR CLASS - XI	N.C.E.R.T.	
	3. COMPREHENSIVE LABORATORY MANUAL IN PHYSICS – XI	LAXMI PUBLICATIONS	
5	**CHEMISTRY (043)**		
	1. CHEMISTRY PART – I TEXTBOOK FOR CLASS XI	N.C.E.R.T.	
	2. CHEMISTRY PART – II TEXTBOOK FOR CLASS XI	N.C.E.R.T.	
	3. COMPREHENSIVE LABORATORY MANUAL IN CHEMISTRY –XI	LAXMI PUBLICATIONS	
6	**BIOLOGY (044)**		
	1. BIOLOGY – TEXTBOOK FOR CLASS XI	N.C.E.R.T.	
	2. COMPREHENSIVE LABORATORY MANUAL IN BIOLOGY-XI	LAXMI PUBLICATIONS	
7	**COMPUTER SCIENCE (083)**		
	COMPUTER SCIENCE WITH PYTHON –XI BY PREETI ARORA	SULTAN CHAND	
8	**BUSINESS STUDIES (054)**		
	BUSINESS STUDIES FOR CLASS- XI	N.C.E.R.T.	
9	**ACCOUNTANCY (055)**		
	DOUBLE ENTRY BOOK KEEPING - XI BY T. S. GREWAL	SULTAN CHAND	
10	**ECONOMICS (030)**		
	1. STATISTICS FOR ECONOMICS BY N.M. SHAH	ARYA PUBLICATIONS	
	2. MICRO ECONOMICS BY B. L GUPTA	ARYA PUBLICATIONS	
11	**HISTORY (027)**		
	THEMES IN WORLD HISTORY -TEXTBOOK IN HISTORY FOR CLASS XI	N.C.E.R.T.	
12	**POLITICAL SCIENCE (028)**		
	1. POLITICAL THEORY – TEXTBOOK FOR CLASS XI	N.C.E.R.T.	
	2. INDIAN CONSTITUTION AT WORK-TEXTBOOK IN POLITICAL SCIENCE FOR CLASS XI	N.C.E.R.T.	
13	**PSYCHOLOGY (037)**		
	PSYCHOLOGY – TEXTBOOK FOR CLASS XI	N.C.E.R.T.	
14	**PHYSICAL EDUCATION (048)**		
	HEALTH AND PHYSICAL EDUCATION TEXT BOOK OF PHYSICAL EDUCATION-XI BY DR. V. K. SHARMA	SARASWATI HOUSE (P) LTD.	

15	**APPLIED ART (052)**			
	HISTORY OF INDIAN ART – CLASS XI BY DEVENDER KUMARI	ONE SOURCE PUBLICATIONS	
16	**INFORMATION TECHNOLOGY (802)**			
	BOOK 1			
	TITLE: EMPLOYABILITY SKILLS TEXTBOOK FOR CLASS XI	N.C.E.R.T.	
	BOOK 2			
	TITLE: IT TOOLS LEVEL III	CBSE	

STATIONERY LIST (2025 – 2026)

SL. NO.	ITEM	DESCRIPTION	TOTAL NO. REQUIRED	RATE/ PIECE
1	NOTEBOOKS	150 PAGES SINGLE LINED NOTEBOOKS A-4 SIZE	5	
2	PRACTICAL NOTEBOOK FOR PHYSICS	ITC CLASSMATE -184 PAGES	1	
3	PRACTICAL NOTEBOOK FOR CHEMISTRY	ITC CLASSMATE -184 PAGES	1	
4	BIOLOGY	FILE WITH INTERLEAVED SHEETS	1	
5	PHY. EDUCATION	PRACTICAL FILE (SARASWATI)	1	
6	APPLIED ART	IVORY SHEETS (A-3 SIZE-25 SHEETS) CARTRIDGE SHEET (A-3 SIZE-25 SHEETS) POSTER COLOUR SET (CAMLIN)	1 PACKET 1 PACKET 1 PACKET	
7	MATHS ACTIVITY FILE	FILE WITH INTERLEAVED SHEETS	1	

MONTH: APRIL

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	**ENGLISH**	**Course Book: 1.** A Photograph (Poem) **2.** The Portrait of a Lady **Writing Skills: 1. Classified Advertisements** (Property for Sale/To Let). **Reading:** Comprehension Exercise **Grammar: 1. Verb Forms (Tenses)**
2.	**PURE MATHS**	Chapter1:Sets Chapter 2: Relations &Functions
3.	**APPLIED MATHS**	UNIT-1: Numbers, Quantification and Numerical Applications
4.	**CHEMISTRY**	Unit1:Some Basic Concepts of Chemistry Unit 2: Structure of Atom
5.	**PHYSICS**	Unit1:Physical World and Measurement Unit2: Kinematics
6.	**BIOLOGY**	Chapter 14: Breathing and Exchange of Gases Chapter 15: Body Fluids and Circulation
7.	**HISTORY**	Section A: Early Societies Theme 1: Writing and City Life
8.	**ECONOMICS**	StatisticsUnit1: Introduction (Chapter1& 2) Micro Economics: Unit 1: Introduction.
9.	**POLITICAL SCIENCE**	Chapter 1: Constitution - Why and How? (B1) Chapter 2: Rights in the Indian Constitution (B1) Chapter 3: Elections and Representation (B1)
10.	**ACCOUNTANCY**	Chapter1: Introduction to Accounting Chapter 2: Basic Accounting Terms Chapter 3: Theory Base of Accounting
11.	**BUSINESS STUDIES**	Chapter-1 Nature and Purpose of Business Chapter 2: Forms of Business Organisation (including Formation of a Company)
12.	**PSYCHOLOGY**	Chapter 1: What is Psychology?
13.	**PHYSICAL EDUCATION**	Unit 1: Changing trends and career in Physical Education Practical File: Describe changing trends in sports & games in terms of changing playing surface, Wearable gear, Equipment, Technological advancement
14.	**COMPUTER SCIENCE**	Chapter 1 –Computer System Organization Chapter 2- Data Representation and Boolean Logic
15.	**APPLIED ART**	L-1: Object study Basic (Practical) L-2: Introduction to pre historic art in Indian (Theory)
16.	**INFORMATION TECHNOLOGY**	EMPLOYABILITY SKILLS Unit 4: Entrepreneurial Skills- III SUBJECTSPECIFICSKILLS Unit -4: RDBMS

MONTH: MAY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	**Course Book:**3. The Laburnum Top (Poem) **Supplementary Reader:**1. The Summer of the Beautiful White Horse **Writing Skills:** 1. Writing **Skills:** Classified Advertisements (Household Goods/ Vehicles for Sale). **2. Poster Making** – Events **Grammar:** 1. Verb Forms (Contd.)
2.	PURE MATHS	Chapter 3: Trigonometric Functions
3.	APPLIED MATHS	UNIT-2: Algebra UNIT-3: Mathematical Reasoning
4.	CHEMISTRY	Unit 2: Structure of Atom Unit 3: Classification of Elements and Periodic Properties
5.	PHYSICS	Unit2: Kinematics (Continued) Unit 3: Laws of motion.
6.	BIOLOGY	Chapter 16: Excretory Products and their Elimination Chapter 17: Locomotion and Movement
7.	HISTORY	Section B: Empires Theme 2: An Empire across Three Continents
8.	ECONOMICS	Statistics Unit 2: Collection and Organisation of data-(Chapter- 3 & 4) Draft for Economics Project as per CBSE guidelines.
9.	POLITICAL SCIENCE	Chapter 1: Political Theory (B2) Chapter2: Freedom(B2) Chapter 3: Equality(B2)
10.	ACCOUNTANCY	Chapter 4: Bases of Accounting Chapter 5: Accounting Equation Chapter 6: Accounting Procedures-Rules of Debit and Credit Chapter 7: Origin of transactions- Source Documents and Preparations of Vouchers (Project) Chapter 8: Journal
11.	BUSINESS STUDIES	Chapter 3: Private, Public and Global Enterprises. Chapter 4: Business Services. Chapter-5: Emerging Modes of Business.
12.	PSYCHOLOGY	Practical: Project on Methods of Enquiry in Psychology Chapter 2: Methods of Enquiry in Psychology
13.	PHYSICAL EDUCATION	Unit 2: Olympism Unit 3: Yoga Practical file: Labeled diagram of 400MTrack & Field with computations.
14.	COMPUTER SCIENCE	Chapter3- Getting Started with Python
15.	APPLIED ART	L-3 Still life study L-4 Art of Indus valley L-6: Rock Paintings in India
16.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit -4: RDBMS (Continued)

MONTH: JULY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	**ENGLISH**	**Course Book:** 5. Discovering Tut: The Saga Continues **Supplementary Reader:** 2. The Address **Reading:** 1. Note Making and Summarising **Writing Skills:1.** Classified Advertisements (Contd.) 2. Letter to the Editor
2.	**PURE MATHS**	Chapter4: Complex Numbers and Quadratic Equations, Chapter 5: Linear Inequalities Chapter 6: Permutations and Combinations
3.	**APPLIED MATHS**	UNIT-4: Calculus
4.	**CHEMISTRY**	Unit 4: Chemical Bonding and Molecular Structure Unit 5: Thermodynamics
5.	**PHYSICS**	Unit 4: Work, power and energy Unit 5: Motion of system of particles and rigid body
6.	**BIOLOGY**	Chapter 18: Neural Control and Coordination Chapter 19: Chemical Control and Integration Chapter 1: The Living World
7.	**HISTORY**	Theme 4: Nomadic Empires
8.	**ECONOMICS**	Micro Economics: Unit 2: Consumer's Equilibrium and Demand Statistics- Presentation of Data (Chapter-5,6 & 7)
9.	**POLITICAL SCIENCE**	Chapter 4: Executive(B1) Chapter 5: Legislature(B1) Chapter 6: Judiciary(B1)
10.	**ACCOUNTANCY**	Chapter9: Ledger Chapter10: Special Purpose Books I- Cash Book Chapter11: Special Purpose Books II-Other Books Chapter 12: Accounting of Goods and Services Tax (GST)
11.	**BUSINESS STUDIES**	Chapter-6: Social Responsibility of Business and Business Ethics
12.	**PSYCHOLOGY**	Practical-One Psychology Experiment Chapter 4: Human Development
13.	**PHYSICAL EDUCATION**	Unit4: Physical Education and Sports for CWSN Unit 5: Physical Fitness, Health and Wellness
14.	**COMPUTER SCIENCE**	Chapter 4-Python Programming Fundamentals Chapter5-Conditional and Looping Constructs
15.	**APPLIED ART**	L-5: Nature study L-8: Buddhist and Jain Art
16.	**INFORMATION TECHNOLOGY**	EMPLOYABILITY SKILLS Unit 5: Green Skills- III SUBJECT SPECIFIC SKILLS Unit-1: Computer Organization

MONTH: AUGUST

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	**ENGLISH**	**CourseBook:**6. We are not afraid to die…...7.TheVoice of the Rain (Poem) **Revision** **Reading:** 1. Note Making and Summarising (Contd.) **Writing Skills: 1.** Notice Writing **2. Revision** **Grammar: Revision** **ALS: Assessment of Listening and Speaking Skills**
2.	**PURE MATHS**	Chapter 7: Binomial Theorem Chapter 8: Sequences and series **Revision**
3.	**APPLIED MATHS**	UNIT-5: Probability **Revision**
4.	**CHEMISTRY**	Unit 5: Thermodynamics Unit 6: Equilibrium (Chemical) **Revision**
5.	**PHYSICS**	Unit5: Motion of system of particles and rigid body (cont) Unit 6: Gravitation Unit 7: Properties of Bulk Matter (Solids) **Revision**
6.	**BIOLOGY**	Chapter 2: Biological Classification Chapter 3: Plant Kingdom Chapter 4: Animal Kingdom **Revision**
7.	**HISTORY**	Section C: Changing Traditions Theme 5: The Three Orders Theme 6: Changing Cultural Traditions **Revision**
8.	**ECONOMICS**	Micro Economics: Unit3: Producer's Behaviour and Supply-Production Function Statistics: Unit3: Statistical tools and interpretation Measures of Central Tendency **Revision**
9.	**POLITICAL SCIENCE**	Chapter 4: Social Justice (B2) Chapter 5: Rights (B2) Chapter 6: Citizenship (B2) **Revision**
10.	**ACCOUNTANCY**	Chapter13: Bank Reconciliation Statement Chapter 14: Trial Balance **Revision**
11.	**BUSINESS STUDIES**	Chapter 7: Sources of Business Finance Chapter8: Small Business **Revision**
12.	**PSYCHOLOGY**	Chapter 5: Sensory and Perceptual Processes **Revision**
13.	**PHYSICAL EDUCATION**	Unit 6: Test, Measurement and Evaluation Practical: Labeled diagram of Field & Equipment of anyone IOA recognised Game/ Sports of choice. **Revision**
14.	**COMPUTER SCIENCE**	Chapter 6- Strings in Python Chapter 7-Lists in Python (Introduction) Submission of practical file **Revision**

15.	**APPLIED ART**	L-7: Composition work L-10: Hindu art and sculpture **Revision**
16.	**INFORMATION TECHNOLOGY**	SUBJECT SPECIFIC SKILLS Unit -2: Networking And Internet **Revision**

MONTH: SEPTEMBER – REVISION & HALF YEARLY EXAMINATION

MONTH: OCTOBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	**ENGLISH**	**Course Book:** 8. The Adventure (Project) 9. Childhood (Poem) **Supplementary Reader:** 3. Mother's Day (Play) **Writing Skills:**1. Classified Advertisements (Job Vacancies/Lost & Found/Missing) 2.Debate
2.	**PURE MATHS**	Chapter 9: Straight Lines Chapter 10: Conic Sections
3.	**APPLIED MATHS**	UNIT-6: Descriptive Statistics
4.	**CHEMISTRY**	Unit6: Equilibrium (Ionic) Unit 7: Redox Reactions
5.	**PHYSICS**	Unit7: Properties of Bulk Matter (cont) Unit 8: Thermodynamics
6.	**BIOLOGY**	Chapter 5: Morphology of Flowering Plants Chapter 6: Anatomy of Flowering Plants Chapter 7: Structural Organization in Animals
7.	**HISTORY**	Theme 7: Displacing Indigenous People
8.	**ECONOMICS**	Statistics: Unit3: Statistical tools and interpretations (Chapter-8, 9 and 10)
9.	**POLITICAL SCIENCE**	Chapter 7: Federalism (B1) Chapter 8. Local Government (B1)
10.	**ACCOUNTANCY**	Chapter 15: Depreciation Chapter16: Provisions and Reserves Chapter 17: Rectification of Errors
11.	**BUSINESS STUDIES**	Chapter 9: Internal Trade
12.	**PSYCHOLOGY**	Chapter 6: Learning Chapter7: Human Memory
13.	**PHYSICAL EDUCATION**	Unit 7: Fundamentals of Anatomy, Physiology in sports Unit8: Fundamentals of Kinesiology and Biomechanics in sports
14.	**COMPUTER SCIENCE**	Chapter7-Lists in Python (continued) Chapter 8-Tuples and Dictionary
15.	**APPLIED ART**	L-9: Still life in colour, colour wheel L-12: Bronze Art

16.	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS Unit 1: Communication Skills – III Unit 2: Self - Management Skills - III SUBJECT SPECIFIC SKILLS Unit-3: Office Automation Tools

MONTH: NOVEMBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	**Course Book: 9**. Silk Road **Supplementary Reader:** 4. Birth **Writing Skills:** 1. Invitations (Formal Letter & Card) **2. Poster Making** (Issues/Awareness) **Grammar:** 5. Clauses (Noun & Adjective)
2.	PURE MATHS	Chapter11: Introduction to 3-Dimensional Geometry Chapter 12: Limits and Derivative
3.	APPLIED MATHS	UNIT-7: Basics of Financial Mathematics
4.	CHEMISTRY	Unit8: Organic Principles and some Basic Concepts in Chemistry Unit 9: Hydrocarbons
5.	PHYSICS	Unit 8: Thermo Dynamics(cont) Unit 9: Behaviour of Perfect Gas & Kinetic Theory
6.	BIOLOGY	Chapter 8: Cell: The Unit of Life Chapter 9: Biomolecules Chapter 10: Cell Cycle and Cell Division
7.	HISTORY	Theme 8: Paths to Modernization
8.	ECONOMICS	Micro Economics: Unit3: Producer's Behaviour and Supply (Cost, Revenue, Producer's Equilibrium and Supply) Statistics: Correlation (Chapter 11)
9.	POLITICAL SCIENCE	Chapter 9: Constitution as a Living Document (B1) Chapter10: Philosophy of the Constitution(B1)
10.	ACCOUNTANCY	Chapter18: Financial Statements of Sole Proprietorship Chapter 19: Adjustments in preparation of Financial Statements
11.	BUSINESS STUDIES	Chapter 10: International Business
12.	PSYCHOLOGY	Chapter8: Language and Thought
13.	PHYSICAL EDUCATION	Unit 9: Psychology and Sports Unit 10: Training and Doping in Sports
14.	COMPUTER SCIENCE	Chapter8-TuplesandDictionary (Continued) Chapter 9- Introduction to Python Modules
15.	APPLIED ART	L–11: Book cover with English Calligraphy L – 12: Bronze Art L 14: Art of Indo Islamic Culture
16.	INFORMATION TECHNOLOGY	EMPLOYABILITY SKILLS Unit 3: Information and Communication Technology Skills-III SUBJECT SPECIFIC SKILLS Unit 5: Fundamentals of Java

MONTH: DECEMBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	**ENGLISH**	**Course Book:** 10. Father to Son **Writing Skills:** 1. Invitations (Informal letter) 2. Replies to Invitations 3. Job Application **Grammar:** 5. Clauses (Adverb)
2.	**PURE MATHS**	Chapter 13: Statistics Chapter 14: Probability
3.	**APPLIED MATHS**	UNIT-8: Coordinate Geometry
4.	**CHEMISTRY**	Unit 9: Hydrocarbons
5.	**PHYSICS**	Unit 10: Oscillations and waves
6.	**BIOLOGY**	Chapter 11: Photosynthesis in Higher Plants Chapter 12: Respiration in Plants Chapter 13: Plant Growth and Development
7.	**HISTORY**	Revision for Final Examination
8.	**ECONOMICS**	Unit4: Forms of Markets and Price Determination under Perfect Competition with Simple Applications Statistics: Introduction to Index numbers.
9.	**POLITICAL SCIENCE**	Chapter7. Nationalism (B2) Chapter 8. Secularism (B2) Revision for Final Examination
10.	**ACCOUNTANCY**	Chapter 20: Accounts from Incomplete Records- Single Entry System Revision for Final Examination.
11.	**BUSINESS STUDIES**	Revision for Final Examination
12.	**PSYCHOLOGY**	Practical-One Psychology Experiment Chapter 9: Motivation and Emotion
13.	**PHYSICAL EDUCATION**	Revision: Unit 7 to 10 Practical: List of current National awardees (Dronacharya award, Arjun award and Rajiv Gandhi Khel Ratna award)
14.	**COMPUTER SCIENCE**	Chapter 9 – Introduction to Python Modules (Continued) Chapter 10 – Cyber Safety
15.	**APPLIED ART**	L 13: Hindi Devnagari Calligraphy L01: Manuscript painting and introduction to Miniature paintings
16.	**INFORMATION TECHNOLOGY**	SUBJECT SPECIFIC SKILLS Unit-5: FUNDAMENTALS OF JAVA

MONTH: JANUARY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	**ENGLISH**	**Literature: 5.** The Tale of Melon City (Poem), **Revision** **Writing Skills:**1. Replies to Invitations 2. Revision **ALS: PROJECT &VIVA**
2.	**PURE MATHS**	Revision for Final Term Examination
3.	**APPLIED MATHS**	Revision/Numbers, Quantification and Numerical Applications
4.	**CHEMISTRY**	Revision for Final Term Examination
5.	**PHYSICS**	Unit10: Oscillations and waves(cont) Revision for Final Term Examination
6.	**BIOLOGY**	Revision for Final Term Examination
7.	**HISTORY**	Revision for Final Term Examination
8.	**ECONOMICS**	Indian Economic development India and its Neighbours Environment and sustainable development Rural development
9.	**POLITICAL SCIENCE**	Revision for Final Term Examination
10.	**ACCOUNTANCY**	Revision for Final Term Examination
11.	**BUSINESS STUDIES**	Revision for Final Term Examination
12.	**PSYCHOLOGY**	Revision for Final Assessment
13.	**PHYSICAL EDUCATION**	Yoga: Lifestyle related disease Revision for final exam
14.	**COMPUTER SCIENCE**	Chapter10-Society, Law and Ethics Submission of practical file and project with project file
15.	**APPLIED ART**	Practical mock test Revision for theory
16.	**INFORMATION TECHNOLOGY**	SUBJECT SPECIFIC SKILLS Unit-5: FUNDAMENTALS OF JAVA (CONT)