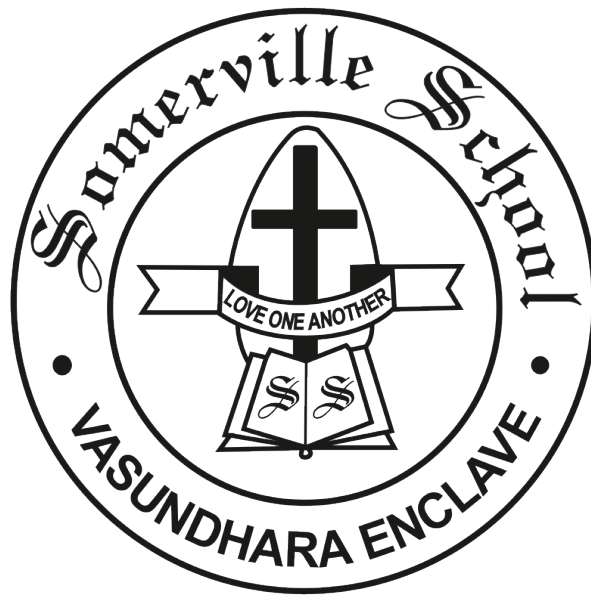


Somerville School

Vasundhara Enclave, Delhi – 110 096



Academic Syllabus

for Class XII

Session : 2026 – 2027

BOOK LIST FOR THE YEAR 2026 – 2027

SL. NO.	NAME	PUBLISHER	RATE
1.	ENGLISH CORE (301)		70.00
	1. FLAMINGO -TEXT BOOK FOR CLASS XII (CORE COURSE)	N.C.E.R.T	40.00
	2. VISTAS (SUPPLEMENTARY READER IN ENGLISH FOR CLASS XII)	N.C.E.R.T	
2.	MATHEMATICS (041)		
	1. MATHEMATICS - TEXT BOOK FOR CLASS XII – PART-I	N.C.E.R.T	110.00
	2. MATHEMATICS - TEXT BOOK FOR CLASS XII – PART-II	N.C.E.R.T	150.00
	3. MATHEMATICS – EXEMPLAR PROBLEMS (CLASS XII)	N.C.E.R.T	220.00
3.	APPLIED MATHEMATICS (241) APPLIED MATHEMATICS- TEXT BOOK FOR CLASS XII BY M.L.AGGARWAL& NEERAJ RAJ JAIN	AVICHAL PUBLISHING COMPANY	780.00
4.	PHYSICS (042)		
	1. PHYSICS PART- I TEXT BOOK FOR CLASS –XII	N.C.E.R.T	155.00
	2. PHYSICS PART- II TEXT BOOK FOR CLASS – XII	N.C.E.R.T	105.00
	3. COMPREHENSIVE PRACTICAL PHYSICS – XII	LAXMI PUBLICATIONS	399.00
5.	CHEMISTRY(043)		
	1. CHEMISTRY PART- I TEXT BOOK FOR CLASS – XII	N.C.E.R.T	130.00
	2. CHEMISTRY PART- II TEXT BOOK FOR CLASS –XII	N.C.E.R.T	120.00
	3. COMPREHENSIVE LABORATORY MANUAL IN CHEMISTRY- XII	LAXMI PUBLICATIONS	399.00
6.	BIOLOGY(044)		
	1. BIOLOGY – C	N.C.E.R.T	U / P
	2. COMPREHENSIVE LABORATORY MANUAL IN BIOLOGY- XII	LAXMI PUBLICATIONS(P) LTD	299.00
7.	COMPUTER SCIENCE (083)		
	COMPUTER SCIENCE WITH PYTHON –XII BY PREETI ARORA	SULTAN CHAND	U / P
8.	BUSINESS STUDIES(054)		
	1. BUSINESS STUDIES FOR XII – PART I	N.C.E.R.T	105.00
	2. BUSINESS STUDIES FOR XII – PART II	N.C.E.R.T	50.00
9.	ACCOUNTANCY(055)		
	1. DOUBLE ENTRY BOOK KEEPING -(VOL I,II) XII BY T. S. GREWAL	SULTAN CHAND	U / P
	2. ANALYSIS OF FINANCIAL STATEMENTS – XII BY T S. GREWAL	SULTAN CHAND	U / P
10.	ECONOMICS (030)		
	1. INTRODUCTORY MACROECONOMICS- TEXT BOOK IN ECONOMICS FOR CLASS –XII	N.C.E.R.T	105.00

	2. INDIAN ECONOMIC DEVELOPMENT- TEXT BOOK IN ECONOMICS FOR CLASS –XII	N.C.E.R.T	110.00
11.	HISTORY		
	1. THEMES IN INDIAN HISTORY –PART I	N.C.E.R.T	105.00
	2. THEMES IN INDIAN HISTORY –PART II	N.C.E.R.T	105.00
	3. THEMES IN INDIAN HISTORY –PART III	N.C.E.R.T	105.00
12.	POLITICAL SCIENCE		
	1. POLITICS IN INDIA SINCE INDEPENDENCE-TEXT BOOK IN POLITICAL SCIENCE FOR CLASS –XII	N.C.E.R.T	135.00
	2. CONTEMPORARY WORLD POLITICS- TEXT BOOK IN POLITICAL SCIENCE FOR CLASS –XII	N.C.E.R.T.	105.00
13.	PSYCHOLOGY		
	1. PSYCHOLOGY – TEXTBOOK FOR CLASS XII	N.C.E.R.T	125.00
14.	APPLIED ART		
	PANORAMIC INDIAN PAINTING-CLASS XII	VISHAL PUBLISHING CO.	U / P
15.	PHYSICAL EDUCATION (037)		
	HEALTH AND PHYSICAL EDUCATION FOR CLASS XII- TEXT BOOK IN PHYSICAL EDUCATION BY DR.V.K. SHARMA	SARASWATI HOUSE (P) LTD	445.00
16.	INFORMATION TECHNOLOGY (802)		
	EMPLOYABILITY SKILLS TEXT BOOK FOR CLASS XII	N.C.E.R.T	240.00
	DATA BASE MANAGEMENT APPLICATIONS-STUDENT HAND BOOK CLASSXII	CBSE	U / P

STATIONERY LIST

SL. NO.	SUBJECT	ITEM	REQ. NO.	RATE
1.	NOTE BOOKS	100 PAGES SINGLE LINED NOTEBOOKS A-4 SIZE	5	50.00
2.	PRACTICAL NOTE BOOK FOR PHYSICS	ITC CLASSMATE -184 PAGES	1	105.00
3.	PRACTICAL NOTE BOOK FOR CHEMISTRY	ITC CLASSMATE -184 PAGES	1	105.00
4.	BIOLOGY	FILE WITH INTERLEAVED SHEETS	1	205.00
5.	PHY. EDUCATION	PRACTICAL FILE (SARASWATI)	1	510.00
6.	APPLIED ART	IVORY SHEETS (A-3 SIZE-25 SHEETS)	1 PKT	140.00
		CARTRIDGE SHEET (A-2 SIZE-25 SHEETS)	1 PKT	140.00
		POSTER COLOUR SET (CAMLIN)	1 PKT	160.00
7.	MATHS ACTIVITY FILE	FILE WITH INTERLEAVED SHEETS	1	70.00

MONTH : FEBRUARY – MARCH

S. NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Course Book: 1. My Mother at Sixty-Six - Kamala Das (<i>Poem</i>) 2. Keeping Quiet - Pablo Neruda (<i>Poem</i>) 3. Deep Water - William Douglas 4. Aunt Jennifer's Tigers - Adrienne Rich (<i>Poem</i>) 5. The Last Lesson- Alphonse Daudet Writing Skill 1. Invitations (Formal / Informal-Replies)
2.	PURE MATHS	Chapter–3: Matrices Chapter – 4: Determinants
3.	CHEMISTRY	UNIT 6 : Haloalkanes and Haloarenes UNIT 7 : Alcohols, Phenols and Ethers
4.	PHYSICS	UNIT1 : Electrostatics UNIT II : Current Electricity
5.	BIOLOGY	Ch.1 : Sexual Reproduction in Flowering Plants Ch.2 : Human Reproduction
6.	HISTORY	Theme 1 : Bricks, Beads and Bones (B1) Theme 2 : Kings, Farmers and Towns (B1) The Earliest states Early Empire Notions of Kingship Theme 3 : Kingship, caste and Class (B1) Mahabharata and social order
7.	ECONOMICS	MACRO ECONOMICS Unit 1 : National income and Related Aggregates INDIAN ECONOMIC DEVELOPMENT Development Policies and Experience 1947-1990 Ch-1 : Indian Economy on the eve of Independence Ch-2 : Indian Economy 1950-1990
8.	POLITICAL SCIENCE	Chapter 1 : Challenges of Nation building (B1) Chapter 2 : Era of One-Party Politics (B1) Chapter 3 : Politics of Planned Development (B1)
9.	ACCOUNTANCY	Unit 1 : Accounting for partnership firms 1. Partnership Fundamentals 2. Goodwill 3. Change in profit sharing ratio among existing Partners
10.	BUSINESS STUDIES	UNIT 11 : Marketing Management UNIT 1 : Nature and Significance of management.
11.	PSYCHOLOGY	1. Intelligence and Aptitude 2. Self and Personality

12.	PHYSICAL EDUCATION	Unit 1 : Management of supporting events
13.	COMPUTER SCIENCE	Chapter 7 : Relation Data Bases and SQL
14.	APPLIED ART	L – 1 : Introduction to miniature paintings, Rajasthani and Pahari schools of art (theory) L – 2 : Study of basic concept of illustration
15.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit 1 : Database Concepts – RDBMS tool
16.	APPLIED MATHS	Unit 2 : Algebra Unit 1 : Numbers, Qualifications and Numerical Applications

MONTH: APRIL

S. NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Course Book: 6. A Thing of Beauty- John Keats (Poem) 7. A Roadside Stand (Poem) Robert Frost 8. Lost Spring - Anees Jung Supplementary Reader: 1. The Third Level –Jack Finney 2. The Enemy- Pearl S Buck Writing Skill: 2. Report
2.	PURE MATHS	Chapter 1 : Relations and Functions Chapter 2 : Inverse Trigonometric Functions Chapter 5 : Continuity and Differentiability
3.	CHEMISTRY	UNIT 8 : Aldehydes, Ketones and Carboxylic acids
4.	PHYSICS	UNIT II : Current Electricity (ctd) Unit III : Magnetic Effects of Current and Magnetism
5.	BIOLOGY	Chapter 3 : Reproductive Health Chapter 4 : Principles of Inheritance and Variation Chapter 5 : Molecular Basis of Inheritance (Half)
6.	HISTORY	Theme 4 : Thinkers, Beliefs and Buildings (B1) Beliefs of Buddhism and Jainism Theme 5 : Through the Eyes of Travellers (B2)
7.	ECONOMICS	MACRO ECONOMICS Unit 2 : Money and Banking INDIAN ECONOMIC DEVELOPMENT Economic Reforms since 1991 Ch – 3 : Liberalization, Privatization and Globalization

8.	POLITICAL SCIENCE	Chapter 4 : India's External Relations (B1) Chapter 5 : Challenges to the Restoration of the Congress System (B1) Chapter 6 : The Crisis of Democratic Order (B1)
9.	ACCOUNTANCY	Chapter 4 : Admission of a Partner Chapter 5 : Retirement and Death of a Partner
10.	BUSINESS STUDIES	UNIT 2 : Principles of Management UNIT 3 : Business environment
11.	PSYCHOLOGY	Chapter 3 : Human Strengths and Meeting Life Challenges Practical : Introduction to Psychological Testing and Two Psychological Tests
12.	PHYSICAL EDUCATION	Unit 1 : Management of supporting events Unit 2 : Children and women in sports
13.	COMPUTER SCIENCE	Chapter 8 : Interface Python with SQL Chapter 1 : Review of Python Basics
14.	APPLIED ART	L – 3 : Mughal and Deccan school of miniature painting L – 4 : Book Illustrations
15.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit 1 : Database Concepts – RDBMS tool (Continued) Unit 4 : Work Integrated Learning IT-DMA EMPLOYABILITY SKILLS Unit 1 : Communication Skills – IV
16.	APPLIED MATHS	Unit 8 : Linear Programming Unit 3 : Calculus

MONTH: MAY

S. NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Course Book: 9. The Rat Trap - Selma Lagerlof Supplementary Reader: 2. The Enemy-Pearl S. Buck 3. On the Face of it- Susan Hill Writing Skills: 3. Letter to the Editor (Revision)
2.	PURE MATHS	Chapter – 6 : Application of Derivatives Chapter – 7 : Integrals
3.	CHEMISTRY	UNIT 9 : Amines UNIT 10 : Biomolecules

4.	PHYSICS	Unit IV : Electromagnetic Induction and AC circuits Unit V : Electromagnetic Waves
5.	BIOLOGY	Ch. 5 : Molecular Basis of Inheritance (Half) Ch. 6 : Evolution Ch.7 : Human Health and Disease
6.	HISTORY	Theme 6 : Bhakti and Sufi Traditions (B2) Theme 7 : An Imperial Capital: Vijaynagara (B2) Theme 8 : Peasants, Zamindars and The State (B2)
7.	ECONOMICS	MACRO ECONOMICS Unit 3 : Determination of Income and Employment INDIAN ECONOMIC DEVELOPMENT Chapter 5 : Human Capital Formation
8.	POLITICAL SCIENCE	Chapter 1 : End of Bipolarity (B2) Chapter 2 : Alternative Centers of Power (B2) Chapter 3 : Contemporary South Asia (B2)
9.	ACCOUNTANCY	Chapter 6 : Dissolution of a Partnership firm Unit 3 : Analysis of Financial Statements 1. Financial Statements of a Company 2. Financial Statement Analysis
10.	BUSINESS STUDIES	UNIT 4 : Planning UNIT 5 : Organizing UNIT 6 : Staffing
11.	PSYCHOLOGY	Chapter 4 : Psychological Disorders Chapter 5 : Therapeutic Approaches and Counselling
12.	PHYSICAL EDUCATION	Unit 3 : Yoga as preventive measure for Lifestyle disease Unit 4 : Physical Education & Sports for CWSN (Children with special needs-Divyang)
13.	COMPUTER SCIENCE	Chapter 1 : Review of Python Basics Chapter 2 : Functions Chapter 3 : Exception Handling
14.	APPLIED ART	L – 5 : Bengal school of Indian Art L – 6 : Study of human figure
15.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit 2 : Operating Web based Applications EMPLOYABILITY SKILLS Unit 2 : Self-management Skills – IV Unit 3 : Information and Communication Technology Skills – IV
16.	APPLIED MATHS	Unit 4 : Probability Distribution Unit 5 : Inferential Statistics

MONTH: JULY

S. NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Course Book: 10. Going Places - A.R. Barton 11. Indigo- Louis Fischer Supplementary Reader: 4. Journey to the End of the Earth-Tishani Doshi. 5. The Tiger King- Kalki Writing Skills- Revision: 4. Job Application 5: Notice Writing 6. Article
2.	PURE MATHS	Chapter – 8 : Application of Integrals Chapter – 9 : Differential Equations Chapter – 10 : Vector Algebra
3.	CHEMISTRY	UNIT 1 : Solutions UNIT 2 : Electrochemistry UNIT 3 : Chemical Kinetics
4.	PHYSICS	Unit VI : Optics (Ray and Wave optics)
5.	BIOLOGY	Ch. 8 : Microbes in Human Welfare Ch. 9 : Biotechnology: Principles and Processes Ch. 10 : Biotechnology and its Application
6.	HISTORY	Theme 9 : Colonialism and the Countryside (B3) Theme 10 : Rebels and the Raj (B3)
7.	ECONOMICS	INDIAN ECONOMIC DEVELOPMENT Chapter 6 : Rural Development Chapter 7 : Employment: Growth, Informalisation and other Related issues Chapter 9 : Environment and Sustainable Development
8.	POLITICAL SCIENCE	Chapter 4 : International Organisations (B2) Chapter 5 : Security in Contemporary World (B2) Chapter 6 : Environment and Natural Resources (B2) Chapter 7 : Globalization (B2)
9.	ACCOUNTANCY	Unit 2 : Company Accounts 1. Issue of Share Capital 2. Issue of Debentures
10.	BUSINESS STUDIES	UNIT 7 : Directing UNIT 8 : Controlling UNIT12 : Consumer Protection
11.	PSYCHOLOGY	Chapter 6 : Attitude and Social Cognition

12.	PHYSICAL EDUCATION	Unit 5 : Sports and nutrition Unit 6 : Test & Measurement in Sports Unit 7 : Physiology & Injuries in Sports
13.	COMPUTER SCIENCE	Chapter 4 : Data file Handling Chapter 5 : Data Structures in Python
14.	APPLIED ART	L – 7 : Influence of wash color technique in India L – 8 : Poster Making L – 9 : Contemporary art in India L – 10 : Poster making in color
15.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit 3 : Fundamentals of Java programming JAVA (Introduction) EMPLOYABILITY SKILLS Unit 4 : Entrepreneurial Skills – IV Unit 5 : Green Skills – IV
16.	APPLIED MATHS	Unit 6 : Time- Based Data Unit 7 : Financial Mathematics

MONTH : AUGUST:

Revision: Half Yearly Examination

ALS: Assessment of Listening and Speaking Skills

MONTH : SEPTEMBER

S. NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Course Book: 12.The Interview – Christopher Silvester & Mukund Padmanabhan 13.Poets and Pancakes- Asokamitran Supplementary Reader: 6. Memories of Childhood - 1 <ul style="list-style-type: none"> • The Cutting of My Long Hair – Zitkala-Sa We Too are Human Beings-Bama
2.	PURE MATHS	Chapter – 11 : Three – Dimensional Geometry Chapter – 12 : Linear Programming Chapter – 13 : Probability
3.	CHEMISTRY	UNIT 4 : The d- and f- Block Elements UNIT 5 : Coordination Compounds
4.	PHYSICS	Unit VII : Dual Nature of Matter and Radiation Unit VIII : Atoms and Nuclei

		Unit IX : Electronic Devices
5.	BIOLOGY	Ch.11 : Organisms and Population Ch.12 : Ecosystem Ch.13 : Biodiversity and its Conservation
6.	HISTORY	Theme 11 : Mahatma Gandhi and the Nationalist Movement (B3) Theme 12 : Framing the Constitution (B3)
7.	ECONOMICS	MACRO ECONOMICS Unit 4 : Government Budget and the Economy Unit 5 : Balance of Payments INDIAN ECONOMIC DEVELOPMENT Chapter 10 : Development Experience of India, Pakistan and China
8.	POLITICAL SCIENCE	Chapter 7 : Regional Aspirations (B1) Chapter 8 : Recent Development in Indian Politics (B1)
9.	ACCOUNTANCY	Unit 3 : Analysis of Financial Statements 3. Comparative and Common Size Statements 4. Ratio Analysis 5. Cash Flow Statement
10.	BUSINESS STUDIES	UNIT 9 : Financial Management UNIT 10 : Financial Market
11.	PSYCHOLOGY	Practical : One Psychological Test Chapter 7 : Social Influence and Group Processes
12.	PHYSICAL EDUCATION	Unit 8 : Biomechanics & Sports Unit 9 : Psychology & Sports Unit 10 : Training in sports
13.	COMPUTER SCIENCE	Chapter 6 : Computer Networks
14.	APPLIED ART	L – 11 : Modern trends in India- Painting, Sculpture, Graphic Print L – 12 : Portrait study L – 13 : Animal figure study
15.	INFORMATION TECHNOLOGY	SUBJECT SPECIFIC SKILLS Unit 3 : JAVA (Continued) Unit 4 : Work Integrated Learning IT-DMA
16.	APPLIED MATHS	Unit 7 : Financial Mathematics (Continued) Unit 5 : Inferential Statistics

MONTH: OCTOBER

S. NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Revision : Writing Skills & Literature ALS : PROJECT & VIVA
2.	PURE MATHS	Revision
3.	CHEMISTRY	Revision
4.	PHYSICS	Revision
5.	BIOLOGY	Revision
6.	HISTORY	Revision
7.	ECONOMICS	Submission of Project file and Revision
8.	POLITICAL SCIENCE	Revision
9.	ACCOUNTANCY	Revision and Submission of Project
10.	BUSINESS STUDIES	Revision and Submission of Project
11.	PSYCHOLOGY	Revision
12.	PHYSICAL EDUCATION	Revision
13.	COMPUTER SCIENCE	Submission of Practical file and Project with Project file and Revision
14.	APPLIED ART	Revision Portfolio presentation and Viva
15.	INFORMATION TECHNOLOGY	Submission of Practical File and Project with Project File and Revision
16.	APPLIED MATHS	Revision

MONTH : NOVEMBER

S. NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Pre Board Examination and Revision
2.	PURE MATHS	Pre Board Examination and Revision
3.	CHEMISTRY	Pre Board Examination and Revision
4.	PHYSICS	Pre Board Examination and Revision
5.	BIOLOGY	Pre Board Examination and Revision
6.	HISTORY	Pre Board Examination and Revision
7.	ECONOMICS	Pre Board Examination and Revision
8.	POLITICAL SCIENCE	Pre Board Examination and Revision
9.	ACCOUNTANCY	Pre Board Examination and Revision

10.	BUSINESS STUDIES	Pre Board Examination and Revision
11.	PSYCHOLOGY	Pre Board Examination and Revision
12.	PHYSICAL EDUCATION	Pre Board Examination and Revision
13.	COMPUTER SCIENCE	Pre Board Examination and Revision
14.	APPLIED ART	Pre Board Examination and Revision
15.	INFORMATION TECHNOLOGY	Pre Board Examination and Revision
16.	APPLIED MATHS	Pre Board Examination and Revision

MONTH : DECEMBER – JANUARY

S. NO.	SUBJECTS	TOPIC / CHAPTER
1.	ENGLISH	Pre Board Examination and Revision
2.	PURE MATHS	Pre Board Examination and Revision
3.	CHEMISTRY	Pre Board Examination and Revision
4.	PHYSICS	Pre Board Examination and Revision
5.	BIOLOGY	Pre Board Examination and Revision
6.	HISTORY	Pre Board Examination and Revision
7.	ECONOMICS	Pre Board Examination and Revision
8.	POLITICAL SCIENCE	Pre Board Examination and Revision
9.	ACCOUNTANCY	Pre Board Examination and Revision
10.	BUSINESS STUDIES	Pre Board Examination and Revision
11.	PSYCHOLOGY	Pre Board Examination and Revision
12.	PHYSICAL EDUCATION	Pre Board Examination and Revision
13.	COMPUTER SCIENCE	Pre Board Examination and Revision
14.	APPLIED ART	Pre Board Examination and Revision
15.	INFORMATION TECHNOLOGY	Pre Board Examination and Revision
16.	APPLIED MATHS	Pre Board Examination and Revision