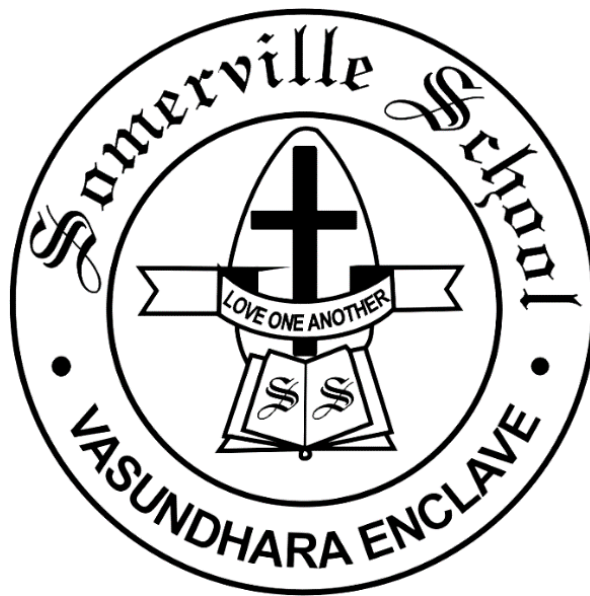


# Somerville School

Vasundhara Enclave, Delhi – 110 096



## Syllabus for Class X 2024 – 25

## BOOK LIST (2024 – 2025)

SL. NO.	NAME	PUBLISHER	RATE
<b>1</b>	<b>ENGLISH COMMUNICATIVE (101)</b>		
	1. INTERACT IN ENGLISH-MAIN COURSE BOOK - CLASS X (REVISED EDITION)	N.C.E.R.T.	UP
	2. INTERACT IN ENGLISH LITERATURE READER – CLASS X (REVISED EDITION)	N.C.E.R.T.	UP
	3. INTERACT IN ENGLISH WORKBOOK – CLASS X (REVISED EDITION)	N.C.E.R.T.	UP
<b>2</b>	<b>HINDI COURSE B (085)</b>		
	1. SPARSH – PART II - TEXTBOOK FOR CLASS X (HINDI-B)	N.C.E.R.T.	UP
	2. SANCHAYAN – PART II – POORAK PATHYA PUSTAK (HINDI B)	N.C.E.R.T.	UP
	3. SARASWATI VYAKARAN DARSHIKA (CONTINUED FROM CLASS IX)	NEW SARASWATI HOUSE	UP
<b>3</b>	<b>SANSKRIT COMMUNICATIVE (119) REVISED TEXTBOOKS</b>		
	1. MANIKA – PART- II	N.C.E.R.T.	UP
	2. MANIKA-ABHYASPUSTAKAM – PART- II	N.C.E.R.T.	UP
<b>4</b>	<b>MATHEMATICS (041)</b>		
	MATHEMATICS – TEXTBOOK FOR CLASS X	N.C.E.R.T.	UP
<b>5</b>	<b>SCIENCE (086)</b>		
	1. TEXTBOOK OF SCIENCE FOR CLASS X (LATEST EDITION)	N.C.E.R.T.	UP
	2. SCIENCE LAB MANUAL FOR CLASS X	N.C.E.R.T.	UP
<b>6</b>	<b>SOCIAL SCIENCE (087)</b>		
	1. INDIA AND THE CONTEMPORARY WORLD – II FOR CLASS X	N.C.E.R.T.	UP
	2. CONTEMPORARY INDIA- II TEXTBOOK IN GEOGRAPHY FOR CLASS X	N.C.E.R.T.	UP
	3. DEMOCRATIC POLITICS - II TEXTBOOK IN POLITICAL SCIENCE FOR CLASS X	N.C.E.R.T.	UP
	4. UNDERSTANDING ECONOMIC DEVELOPMENT FOR CLASS X	N.C.E.R.T.	UP
<b>7</b>	<b>COMPUTER SCIENCE (ONE OF 2 OPTIONS)</b>		
	1. ARTIFICIAL INTELLIGENCE (417) A TEXTBOOK OF ARTIFICIAL INTELLIGENCE FOR CLASS X	GOYAL BROS. PRAKASHAN	UP
	2. INFORMATION TECHNOLOGY (402) STUDY MATERIAL FOR CLASS X (SPIRAL BOUND)	CBSE	UP

## STATIONERY LIST – 2024 – 2025

SL. NO.	ITEM	TOTAL NO. REQUIRED	RATE/ PIECE
1	100 PAGES SINGLE LINED NOTEBOOK A-4 SIZE	12	50/-
2	INTERLEAVED MATH LAB ACTIVITY FILE WITH 10 GRAPH SHEETS	01	70/-
3	PRACTICAL NOTEBOOK FOR SCIENCE	01	115/-

**SYLLABUS FOR THE YEAR 2024-25**

**MONTH: APRIL**

<b>S.NO.</b>	<b>SUBJECTS</b>	<b>TOPIC/ CHAPTER</b>
1.	<b>ENGLISH</b>	<b>Literature Reader</b> F.1 Two Gentlemen of Verona (Prose) F.2 Mrs. Packletide's Tiger (Prose) P.7 The Frog and the Nightingale (Poem) <b>Main Course Book</b> Unit 1 Health and Medicine A. Do Indians Get Enough Sleep? B. Laughter- The Best Medicine C. Whopping Walter Hudson D. The World of Sports E. Nature's Medicines <b>Grammar</b> Determiners Tenses <b>Writing Skills</b> Email to school authorities (Application for leave/change of subject/change of section/bus-timings or similar topics) <b>Workbook</b> Unit 1: Determiners Unit 2: Tenses
2.	<b>MATHEMATICS</b>	Chapter – 1: Real Numbers Chapter – 2: Polynomials Chapter – 3: Pair of Linear Equations in Two Variables
3.	<b>PHYSICS</b>	Chapter:9 Light: Reflection and Refraction PRACTICAL: Focal length of concave mirror and convex lens, Refraction through a glass slab
4.	<b>CHEMISTRY</b>	Chapter 1- Chemical Reactions and Equations Practical: Types of Chemical Reactions
5.	<b>BIOLOGY</b>	Chapter-6: Life Processes. Practical: Preparing a temporary mount of a leaf peel to show stomata.
6.	<b>HISTORY</b>	Chapter-3 Nationalism in India
7.	<b>POLITICAL SCIENCE</b>	Chapter-1 Power Sharing
8.	<b>GEOGRAPHY</b>	Chapter 1-Resources and Development Chapter-2 Forest and Wildlife (to be continued in the month of May)
9.	<b>ECONOMICS</b>	Chapter 1-Development
10.	<b>ARTIFICIAL INTELLIGENCE</b>	Chapter 6-Basics of Artificial Intelligence Chapter-7- Artificial Intelligence Ethics

11.	<b>INFORMATION TECHNOLOGY</b>	Unit-1- Digital Documentation (Advanced)
12.	<b>HINDI</b>	स्पर्श - पाठ - बड़े भाई साहब कविता - पद - मीरा व्याकरण - समास, रचना के आधार पर वाक्य रूपांतरण, मुहावरे रचनात्मक लेखन – अनुच्छेद लेखन
13.	<b>SANSKRIT</b>	पाठ १ -वाङ्मयंतपः पाठ २ -नास्तित्यागसमंसुखम् स्वरसन्धि -वृद्धि ,यण, अयादि ,पूर्वरूप व्यञ्जनसन्धि –परसवर्ण (अनुस्वार स्थाने पञ्चम वर्ण), तुकागम, वर्गीय प्रथमाक्षर का तृतीय वर्ण में परिवर्तन। विसर्गसन्धि – विसर्गस्यउत्वं, रत्वं, विसर्गलोप, विसर्गस्य स्थानेस् /श्/ ष् अशुद्धिसंशोधन (वचन-लिङ्ग-पुरुष-लकार-विभक्ति दृष्ट्या संशोधनम्)

**MONTH : MAY**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	<b>ENGLISH</b>	<p><b>Literature Reader</b> F.3 The Letter (Prose) P.8 Not Marble, nor the Gilded Monuments (Sonnet 55) (Poem)</p> <p><b>Main Course Book</b> Unit 2: Education A. My Struggle For An Education B. Educating The Girl Child C. Inclusive Education D. Vocational Education</p> <p><b>Grammar</b> Subject-Verb Concord Reported Speech (Statements. Command &amp; Requests and Questions) Editing and Omission</p> <p><b>Writing Skills</b> Factual Description of a person/object</p> <p><b>Workbook</b> Unit 3: Subject-Verb Agreement Unit 9: Avoiding Repetition - Substitution and Omission Unit 13: Reported Speech</p> <p><b>Reading Comprehension – Practice Worksheets</b></p>

2.	<b>MATHEMATICS</b>	Chapter – 3: Pair of Linear Equations in Two Variables (contd.) Chapter – 4: Quadratic Equations Chapter - 5 : Arithmetic Progressions
3.	<b>PHYSICS</b>	Chapter:9 Light: Reflection and Refraction PRACTICAL: Focal length of concave mirror and convex lens, Refraction through a glass slab
4.	<b>CHEMISTRY</b>	Chapter-2 Acids, Bases and Salts (Indicators) PRACTICAL: Properties of Acids and Bases
5.	<b>BIOLOGY</b>	Chapter-7: Control and Coordination <b>Practical: Preparing a temporary mount of a leaf peel to show stomata.</b>
6.	<b>HISTORY</b>	Chapter-1 The Rise of Nationalism in Europe
7.	<b>POLITICAL SCIENCE</b>	Chapter -2 Federalism
8.	<b>GEOGRAPHY</b>	Chapter-2 Forest and Wildlife Chapter 3-Water Resources (to be continued in the month of July)
9.	<b>ECONOMICS</b>	Chapter 2-Sectors of the Indian Economy Chapter 5- Consumer Rights (Project work)
10.	<b>ARTIFICIAL INTELLIGENCE</b>	Chapter 8- Artificial Intelligence Project Cycle Chapter 11- Revisiting Python Basics
11.	<b>INFORMATION TECHNOLOGY</b>	Unit 1- Digital Documentation (Advanced)
12.	<b>HINDI</b>	स्पर्श - पाठ - डायरी का एक पन्ना, तीसरी कसम के शिल्पकार: शैलेंद्र कविता - साखी-कबीरदास, दोहे - बिहारी संचयन - पाठ - हरिहर काका व्याकरण - समास, पदबंध, अपठित गद्यांश रचनात्मक लेखन - पत्रलेखन-औपचारिक, सूचना लेखन
13.	<b>SANSKRIT</b>	पाठ -३ रमणीया हि सृष्टि: एषा समयलेखन प्रत्यय- मतुप्, ठक्, त्व, तल् (शब्दरूप- भगवत्, जगत्, नदी) पत्र (औपचारिक / अनौपचारिक) एवं कथा पूर्ति अव्यय पदानि

**MONTH: JULY**

<b>S.NO.</b>	<b>SUBJECTS</b>	<b>TOPIC/ CHAPTER</b>
1.	<b>ENGLISH</b>	<b>Literature Reader</b> F.4 A Shady Plot (Prose) P.9 Ozymandias (Poem) <b>Main Course Book</b> Unit 3: Science A. Promise For The Future: Renewable Energy B. Plugging Into Future C. Space Travel D. Letters From The Planet Aurigae II <b>Grammar</b> Modals Active and Passive Voice Prepositions <b>Writing Skills</b> Formal letter (thematically aligned to topics in MCB) <b>Workbook</b> Unit 11: Modals: Expressing Attitudes Unit 12: Active and Passive Unit 14: Prepositions
2.	<b>MATHEMATICS</b>	Chapter – 6: Triangles Chapter – 7: Co-ordinate Geometry Chapter – 8: Introduction to Trigonometry
3.	<b>PHYSICS</b>	<b>Chapter:10 Human Eye &amp; Colorful World</b> <b>PRACTICAL: Refraction through a glass slab and through a glass prism</b>
4.	<b>CHEMISTRY</b>	Chapter-2 Acids, Bases and Salts Chapter -3 Metals and Non Metals PRACTICAL: pH of Samples
5.	<b>BIOLOGY</b>	Chapter-15: Our Environment. PRACTICAL: Experimentally show that carbon dioxide is given out during respiration.
6.	<b>HISTORY</b>	Chapter- 1 The Rise of Nationalism in Europe
7.	<b>POLITICAL SCIENCE</b>	Chapter -4 Gender, Religion and Caste
8.	<b>GEOGRAPHY</b>	Chapter 3 : Water Resources Chapter 4 : Agriculture
9.	<b>ECONOMICS</b>	Chapter-3 Money and Credit
10.	<b>ARTIFICIAL INTELLIGENCE</b>	Chapter-12- Flow of Control and Conditions Chapter-13- More about Lists and Tuples Employability Skills: Chapter-1 Communication Skills II
11.	<b>INFORMATION TECHNOLOGY</b>	Unit-2-Electronic Spreadsheet (Advanced)

		Employability Skills : Unit-1: Communication Skills - II
12.	<b>HINDI</b>	स्पर्श – पाठ – ततार्रा वामीरो कथा कविता – पर्वत प्रदेश में पावस, मधुर-मधुर मेरे दीपक जल, तोप व्याकरण – अपठित गद्यांश, समास, पदबंध रचनात्मक लेखन – विज्ञापन लेखन व निर्माण, लघुकथा, ईमेल लेखन
13.	<b>SANSKRIT</b>	पाठ -४ आज्ञा गुरुणां हि अविचारणीया पाठ -५ अभ्यासवशगमनः समास- तत्पुरुष (विभक्ति, नञ्, उपपद ) अव्ययीभाव (अनु, उप, सह, निर्, प्रति, यथा), द्वन्द्व अपठित अनुच्छेद, चित्रवर्णन / अनुच्छेदलेखन संवादपूर्ति

**MONTH : AUGUST**

<b>S.NO.</b>	<b>SUBJECTS</b>	<b>TOPIC/ CHAPTER</b>
1.	<b>ENGLISH</b>	<b>Literature Reader</b> F.5 Patol Babu, Film Star (Prose) D.12 The Dear Departed (Drama) P.10 The Rime of the Ancient Mariner (Poem) <b>Main Course Book</b> Unit 4: Environment A. Treading the Green Path- Towards Preservation B. Heroes of the Environment C. Let's Clean Up D. A Tale of Three Villages E. Geological Heritage <b>Grammar</b> Clauses <b>Writing Skills</b> Article based on verbal cues (thematically aligned to MCB topics) <b>Workbook</b> Unit 4: Non - finites-Infinitives and Participles Unit 5: Relatives Unit 6: Connectors Unit 7: Conditionals <b>Assessment of Speaking and Listening Skills</b>
2.	<b>MATHEMATICS</b>	Chapter - 9: Some applications of Trigonometry Chapter - 10: Circles Chapter - 14: Probability
3.	<b>PHYSICS</b>	Chapter: 11 Electricity

		PRACTICAL: Refraction through a glass slab and through a glass prism PRACTICAL: To verify Ohm's Law
4.	<b>CHEMISTRY</b>	Chapter -3 Metals and Non Metals PRACTICAL: Reactivity of Metals
5.	<b>BIOLOGY</b>	Chapter-8: How do organisms reproduce? PRACTICAL: Studying (a) binary fission in <i>Amoeba</i> and (b) budding in Yeast and Hydra with the help of prepared slides.
6.	<b>HISTORY</b>	Chapter-3 The Making of a Global World
7.	<b>POLITICAL SCIENCE</b>	Chapter -6 Political Parties
8.	<b>GEOGRAPHY</b>	Chapter 5-Minerals and Energy Resources Chapter 6 : Manufacturing Industries( to be continued in October)
9.	<b>ECONOMICS</b>	Revision
10.	<b>ARTIFICIAL INTELLIGENCE</b>	Chapter 14 Data Science Chapter 15 Computer Vision Employability Skills: Chapter-2 Self-Management Skills-II Chapter 3: Information and Communication Technology II
11.	<b>INFORMATION TECHNOLOGY</b>	Unit-3- Database Management System (introduction) Employability Skills: Unit-2 Self-Management Skills-2 Unit-3: Information and Communication Technology
12.	<b>HINDI</b>	स्पर्श – पाठ – अब कहाँ दूसरों के दुख से दुखी होने वाले, गिरगिट कविता - आत्मत्राण संचयन – पाठ – सपनों के से दिन व्याकरण – रचना के आधार पर वाक्य रूपांतरण रचनात्मक लेखन – ईमेल लेखन
13.	<b>SANSKRIT</b>	पाठ ६ राष्ट्रं संरक्ष्यमेवहि पाठ १० कालो s हम् (आन्तरिक मूल्याङ्कन ) पाठ ११ किं किं उपादेयम् (आन्तरिक मूल्याङ्कन ) पुनरावृत्ति

**MONTH: SEPTEMBER – REVISION & HALF YEARLY EXAMINATION**



**MONTH : OCTOBER**

<b>S.NO.</b>	<b>SUBJECTS</b>	<b>TOPIC/ CHAPTER</b>
1.	<b>ENGLISH</b>	<b>Literature Reader</b> F.6 Virtually True (Prose) D.13 Julius Caesar (Drama) P.11 Snake (Poem) <b>Main Course Book</b> Unit 5: Travel And Tourism A. Land of All Seasons B. Eco Tourism C. The Emerald Islands D. Promoting Tourism <b>Grammar</b> Clauses: Noun Clauses, Adverb Clauses & Relative Clauses <b>Writing Skills</b> Revision <b>Workbook</b> Unit 8: Comparison Unit 10: Nominalisation
2.	<b>MATHEMATICS</b>	Chapter – 11: Area Related to Circles Chapter - 12: Surface Area and Volumes Chapter - 13: Statistics
3.	<b>PHYSICS</b>	Chapter 11: Electricity Chapter 12: Magnetic effect of the electric current PRACTICAL: Ohm’s Law-Series and Parallel combination of resistors
4.	<b>CHEMISTRY</b>	Chapter-4 Carbon and Its Compounds PRACTICAL: Properties of Acetic Acid Foaming Capacity of soap in hard and soft water
5.	<b>BIOLOGY</b>	Chapter-9: Heredity and Evolution. (Heredity) PRACTICAL: Identification of the different parts of an embryo of a dicot seed (Pea, gram or red kidney bean).
6.	<b>HISTORY</b>	Chapter 5 Print Culture and the Modern World:
7.	<b>POLITICAL SCIENCE</b>	Chapter 7 Outcomes of Democracy
8.	<b>GEOGRAPHY</b>	Chapter 6-Manufacturing Industries Chapter 7 : Lifelines of National Economy(Only map pointing to be evaluated in the Board Examination)
9.	<b>ECONOMICS</b>	Chapter 4 Globalization and the Indian Economy (To be evaluated in the Board Examination) i) What is Globalization? ii) Factors that have enabled Globalization.

10.	<b>ARTIFICIAL INTELLIGENCE</b>	Chapter 16- Natural Language Processing Chapter 17- Evaluation Employability Skills: Chapter 4: Entrepreneurial Skills- II Chapter 5: Green Skills-II
11.	<b>INFORMATION TECHNOLOGY</b>	Unit-3-Database Management System (introduction) Unit-4 Web Applications and Security Employability Skills: Chapter 4: Entrepreneurial Skills- II Chapter 5: Green Skills-II
12.	<b>HINDI</b>	स्पर्श - पाठ - कारतूस, पतझर में टूटी पत्तियाँ कविता - मनुष्यता, कर चले हम फ़िदा संचयन - पाठ - टोपी शुक्ला व्याकरण - समास, पदबंध, रचना के आधार पर वाक्य, मुहावरे रचनात्मक लेखन - लघुकथा, सूचना लेखन, ईमेल लेखन
13.	<b>SANSKRIT</b>	पाठ ७ साधु वृत्तिं समाचरेत् पाठ 8 तिरुक्कुरल्सूक्ति -सौरभम् पाठ 9 सुस्वागतम्भो! अरुणाचलेऽस्मिन् पत्र (औपचारिक / अनौपचारिक) संस्कृतअनुवाद

**MONTH : NOVEMBER**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	<b>ENGLISH</b>	<b>Literature Reader</b> Revision <b>Main Course Book</b> Unit 6: National Integration A. Unity in Diversity B. Challenges to National Integration C. Spirit of Unity D. Mile Sur Mera Tumhara <b>Grammar</b> Revision <b>Writing Skills</b> Revision <b>Workbook</b> Revision <b>Reading Comprehension – Practice Worksheets</b>
2.	<b>MATHEMATICS</b>	Revision

3.	<b>PHYSICS</b>	Chapter 12: Magnetic effect of electric current. PRACTICAL: Ohm's Law-Series and Parallel combination of resistors
4.	<b>CHEMISTRY</b>	Revision
5.	<b>BIOLOGY</b>	Revision
6.	<b>HISTORY</b>	Revision
7.	<b>POLITICAL SCIENCE</b>	Revision
8.	<b>GEOGRAPHY</b>	Revision
9.	<b>ECONOMICS</b>	Revision
10.	<b>ARTIFICIAL INTELLIGENCE</b>	Revision & Pre-Board 1
11.	<b>INFORMATION TECHNOLOGY</b>	Revision & Pre-Board 1
12.	<b>HINDI</b>	पुनरावृत्ति- प्री-बोर्ड-1
13.	<b>SANSKRIT</b>	वाच्यपरिवर्तन – केवल लट् लकारे (कर्तृ-कर्म-क्रिया) स्त्रीप्रत्यय- टाप्, डीप् पाठधारित कथापूर्ति अपठित अनुच्छेद चित्रवर्णन

**MONTH : DECEMBER**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	<b>ENGLISH</b>	Revision & Pre board -1 Examination
2.	<b>MATHS</b>	Revision & Pre board - 1 Examination
3.	<b>PHYSICS</b>	Revision & Pre board - 1 Examination
4.	<b>CHEMISTRY</b>	Revision & Pre board - 1 Examination
5.	<b>BIOLOGY</b>	Revision & Pre board - 1 Examination
6.	<b>HISTORY</b>	Revision & Pre board - 1 Examination
7.	<b>POLITICAL SCIENCE</b>	Revision & Pre board - 1 Examination
8.	<b>GEOGRAPHY</b>	Revision & Pre board - 1 Examination

9.	<b>ECONOMICS</b>	Revision & Pre board - 1 Examination
10.	<b>ARTIFICIAL INTELLIGENCE</b>	Revision & Pre board - 1 Examination
11.	<b>INFORMATION TECHNOLOGY</b>	Revision & Pre-Board-I Examination
12.	<b>HINDI</b>	पुनरावृत्ति- प्री-बोर्ड-1
13.	<b>SANSKRIT</b>	समस्त पाठ्यक्रम पुनरभ्यास एवं पुनरावृत्ति प्री बोर्ड परीक्षा -1

**MONTH : JANUARY**

<b>S.NO.</b>	<b>SUBJECTS</b>	<b>TOPIC/ CHAPTER</b>
1.	<b>ENGLISH</b>	Revision and Pre- Board - 2 Examination
2.	<b>MATHS</b>	Revision and Pre- Board - 2 Examination
3.	<b>PHYSICS</b>	Revision and Pre- Board - 2 Examination
4.	<b>CHEMISTRY</b>	Revision and Pre- Board - 2 Examination
5.	<b>BIOLOGY</b>	Revision and Pre- Board - 2 Examination
6.	<b>HISTORY</b>	Revision and Pre- Board - 2 Examination
7.	<b>POLITICAL SCIENCE</b>	Revision and Pre- Board - 2 Examination
8.	<b>GEOGRAPHY</b>	Revision and Pre- Board - 2 Examination
9.	<b>ECONOMICS</b>	Revision and Pre- Board - 2 Examination
10.	<b>ARTIFICIAL INTELLIGENCE</b>	Revision and Pre- Board - 2 Examination
11.	<b>INFORMATION TECHNOLOGY</b>	Revision and Pre- Board - 2 Examination
12.	<b>HINDI</b>	पुनरावृत्ति- प्री-बोर्ड-2
13.	<b>SANSKRIT</b>	पुनरावृत्ति प्री-बोर्ड-परीक्षा -2

**MONTH: FEBRUARY & MARCH – PREPARATORY LEAVE & BOARD EXAMINATION**