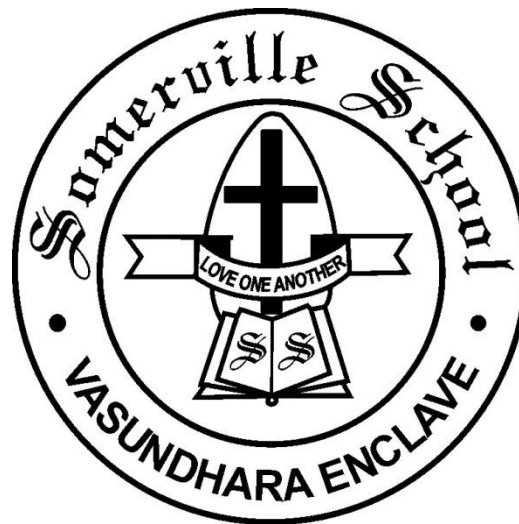


Somerville School

Vasundhara Enclave, Delhi – 110 096



Syllabus for Class X

2017 – 2018

BOOK DETAILS

CLASS X				
S.No.	Name	Publisher	Rate	Book Binding
1	English Communicative (101)			
	1. Interact in English X Main Course Book-Revised Edition	C.B.S.E	80.00	12.00
	2. Interact in English X Literature Reader- Revised Edition	C.B.S.E	Under Print	
	3. Interact in English X Workbook-Revised Edition	C.B.S.E	85.00	
	4. Diary of a Young Girl – 1947 by Anne Frank (Unabridged)	V-Connect Education	255.00	12.00
2	Hindi Course B (085)			
	1. Sparsh – Part II – Textbook for Class X (Hindi B)	N.C.E.R.T.	60.00	12.00
	2. Sanchayan – Part II – Poorak Pathya Pustak (Hindi B)	N.C.E.R.T.	25.00	12.00
	3. Vyakaran Darshika	New Saraswati House Pvt. Ltd.	395.00	
3	Sanskrit			
	1. Manika - Part- II	C.B.S.E	Under Print	
	2. Manika Abhyas Pustika – II	C.B.S.E	Under Print	
4	Mathematics			
	1. Mathematics – Textbook for Class X	N.C.E.R.T.	140.00	12.00
5	Science			
	1. Textbook of Science for Class X	N.C.E.R.T.	165.00	12.00
	2. Living Science Lab Manual X	Ratna Saagar	324.90	
6	Social Science			
	1. India and the Contemporary World– II Textbook in History for Class X	N.C.E.R.T.	Under Print	
	2. Contemporary India – II Textbook in Geography for Class X	N.C.E.R.T.	Under Print	
	3. Democratic Politics -II Textbook in Political Science for Class X	N.C.E.R.T.	Under Print	
7	Foundation of Information Technology (165)			
	Foundation of Information Technology for CBSE X	Oxford University Press	475.00	
			TOTAL	2077.00
STATIONERY LIST - 2017-2018				
SL. NO.	SUBJECT	ITEM	REQUIRED NO.	RATE
1	NOTE BOOKS	100 PAGES INTERLEAVED (A-4 SIZE) FOR BIOLOGY	1	30.00
		100 PAGES SINGLE LINED (A-4 SIZE)	9	270.00
2	MATHEMATICS LAB ACTIVITY FILE	NOTE BOOK INTERLEAVED WITH SPIRAL BINDING AND GRAPH (10 SHEETS) AT THE END	1	70.00
3	PRACTICAL NOTE BOOKS FOR SCIENCE	(PHYSICS, CHEMISTRY & BIOLOGY) ITC'S CLASSMATE - 180 PAGES	1 each	270.00
4	LABELS (OPTIONAL)			30.00
5	COVERS FOR NOTEBOOKS (OPTIONAL)			110.00
6	CARRY BAGS (2 NOS.) OPTIONAL			16.00
			TOTAL	796.00

SOMERVILLE SCHOOL, VASUDHARA ENCLAVE, DELHI-96

SYLLABUS FOR THE YEAR 2017-2018

MONTH : APRIL

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	LITERATURE: 1.Two Gentlemen of Verona (prose) 2.The Frog and the Nightingale(poem) 3.Mirror (Poem) MCB: Health and Medicine GRAMMAR: 1.Determiners 2.Tenses WRITING SKILLS: 1.Informal Letter 2. E-mail writing Rapid Reader : Chapter 1&2
2.	MATHS	Ch – 3: Pair of Linear Equation in Two Variables Ch – 2 Polynomial
3.	PHYSICS	Chapter 12: Electricity Experiments 1. To study the dependence of potential difference (V) across a resistor on the current (I) passing through it and determine its resistance. Also plot a graph between V & I. 2. To determine the equivalent resistance of two resistors when connected in series.
4.	CHEMISTRY	Ch-1:Chemical Reactions and Equations Practical – Types of Chemical Reactions
5.	BIOLOGY	Ch-6:LifeProcesses(Nutrition, Respiration, Transportation) Practical: Preparation of temporary mount of a leaf peel-stomata
6.	HISTORY	Chapter-6 Work, Life and Leisure
7.	POLITICAL SCIENCE	Chapter-1 Power Sharing
8.	GEOGRAPHY	Chapter-1 Resources and Development
9.	ECONOMICS	Chapter 1- Development
10.	FIT	Chapter-6 HTML Basics
11.	HINDI	स्पर्श-पाठ-वड़े भाई साहब कविता-पद-मीरा व्याकरण-शब्द,पद उदाहरणसहित परिभाषा व अंतर,संवाद लेखन
12.	SANSKRIT	सन्धिकार्य- स्वर,व्यञ्जन, वसर्ग पाठ -१ वाङ्मयं तपः पाठ -२ आज्ञा गुरुणां हि अ वचारणीया अव्ययपदानि

S.NO	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	LITERATURE: 1.Mrs. Packeltide's Tiger (prose) 2.Nor Marble, Nor the Gilded Monuments(Poem) 3.Ozymandias (poem) MCB: Health and Medicine(contd.) WRITING SKILLS: 1._Message Writing 2. Notice writing GRAMMAR: 1. Subject- Verb Agreement 2. Non- finites Rapid Reader :_Chapter 3 & 4
2.	MATHS	Ch – 1: Real Numbers Ch – 15: Probability
3.	PHYSICS	Chapter 13: Magnetic Effect of Current Experiments 2. To determine the equivalent resistance of two resistors when connected in series. 3. To determine the equivalent resistance of two resistors when connected in parallel.
4.	CHEMISTRY	Ch-1:Chemical Reactions and Equations Practical – Types of Chemical Reactions
5.	BIOLOGY	Ch-6: Life Processes (Excretion) Ch-7: Control and Co ordination. Practical: Experiment to show that light is necessary for photosynthesis
6.	HISTORY	Chapter-6 Work,Life and Leisure
7.	POLITICAL SCIENCE	Chapter-2 Federalism
8.	GEOGRAPHY	Chapter-2 Forest and Wild Life Resource
9.	ECONOMICS	Chapter 1-Development
10.	FIT	Chapter-7 HTML Text
11.	HINDI	स्पर्श-पाठ-डायरी का एक पन्ना, ततौरा वामीरो कथा कविता-साखी- (कबीरदास) व्याकरण -समास,अपठित काव्यांश,रचना व अर्थ के आधार पर वाक्य भेद व रूपांतरण,विज्ञापन लेखन व निर्माण
12.	SANSKRIT	पाठ-३ कं कं उपादेयम् समास – तत्पुरुष ,कर्मधारय ,द् वगु समयलेखनम् पत्रलेखनम् , चत्रवर्णनम्

MONTH : JULY

S.N O.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	LITERATURE: 1.The Letter (Prose) 2.Dear Departed (Drama) MCB: Education GRAMMAR: 1. Relatives 2.Connectors 3 Conditionals WRITING SKILLS: 1.Formal letter 2.Diary Entry 3.Story Writing Rapid Reader : Chapter 5 & 6
2.	MATHS	Ch – 6: Triangles Ch – 8 : Introduction to Trigonometry
3.	PHYSICS	Chapter 13: Magnetic Effect of Current Chapter 14: Sources of Energy Experiments 4. To determine the focal length of concave mirror by obtaining the image of a distant object. 5. To determine the focal length of convex lens by obtaining the image of a distant object.
4.	CHEMISTRY	Ch-2 Acids,Bases and Salts Practical – Properties of acids and bases pH of samples
5.	BIOLOGY	Ch-7: Control and co ordination(continued) Ch-15: Our Environment. Practical: Experiment to show that carbon di oxide is given out during respiration
6.	HISTORY	Chapter-8 Novels ,History and Society
7.	POLITICAL SCIENCE	Chapter-3 Democracy and Diversity
8.	GEOGRAPHY	Chapter-3 Water Resources
9.	ECONOMICS	Chapter 2-Sectors of Indian Economy
10.	FIT	Chapter-1 Introduction to the Internet Chapter-3 Introduction to Databases
11.	HINDI	स्पर्श-पाठ-तीसरी कसम के शिल्पकार शैलेंद्र कविता-पर्वत प्रदेश में पावस,तोप संचयन-पाठ-हरिहर काका व्याकरण- समास,पत्र लेखन -अपचारिक व अनौपचारिक , सूचना लेखन, मुहावरे
12.	SANSKRIT	पाठ -४ नास्ति त्यागसमं सुखम् प्रत्यय –तव्यत् ,अनीयर् ,मतुप् ,इनि ,ठक् वाच्यपरिवर्तनम् अपठित अनुच्छेद, पत्रलेखनम्

MONTH : AUGUST

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	LITERATURE: 1.Shady Plot (Prose) 2.Rime of the Ancient Mariner (Poem) MCB: Science GRAMMAR: 1.Comparison 2. Nominalisation WRITING SKILLS: 1.Speech Writing 2.Process description Rapid Reader : Chapter 7& 8 ASL-Speaking and Listening
2.	MATHS	Ch – 4: Quadratic Equations Ch – 14 Statistics
3.	PHYSICS	Chapter 10: Light- Reflection and Refraction Experiments 5. To determine the focal length of convex lens by obtaining the image of a distant object. 6 . To trace the path of a ray of light passing through a rectangular glass slab for different angles of incidence
4.	CHEMISTRY	Ch-3 Metals and Nonmetals Practical – Reactivity of metals
5.	BIOLOGY	Ch-8: How do organisms reproduce Practical: Binary fission and budding
6.	HISTORY	Chapter- 2 Nationalism in Indo-China
7.	POLITICAL SCIENCE	Chapter- 4 Gender, Religion and Caste Chapter- 6 Political Parties
8.	GEOGRAPHY	Chapter-4 Agriculture
9.	ECONOMICS	Chapter 3-Money and Credit
10.	FIT	Chapter-2 Internet Services Chapter-4 Tables in Design View
11.	HINDI	स्पर्श-पाठ-गिरगिट ,अब कहाँ दूसरों के दुख से दुखी होने वाले कविता- दोहे (विहारी) संचयन-पाठ-सपनों के से दिन व्याकरण-अपठित गद्यांश,अनुच्छेद लेखन,अशुद्ध वाक्यों का शोधन
12.	SANSKRIT	पाठ -५ अभ्यासवशगं मनः पाठ-६ साधुवृत्तिं समाचरेत् संख्या , चत्रवर्णनम्

MONTH : OCTOBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<p>LITERATURE: 1.Patol Babu (Prose) 2.Snake(poem) MCB: Environment</p> <p>GRAMMAR: 1.Modals 2. Active and Passive</p> <p>WRITING SKILLS: 1.Formal Report Writing 2.Poster Making Rapid Reader : Chapter 7 & 8</p>
2.	MATHS	<p>Ch – 5: Arithmetic Progression Ch – 10: Circles Ch – 9: Some application of Trigonometry</p>
3.	PHYSICS	<p>Chapter 10: Light- Reflection and Refraction Chapter 11: Human Eye and the colourful World Experiments 7 To trace the path of the rays of light through a glass prism. 8 To find the image distance for varying object distances in case of a convex lens and draw corresponding ray diagrams to show the nature of image formed</p>
4.	CHEMISTRY	<p>Ch-4 : Carbon and its compounds Practical: Properties of acetic acid Preparation of soap</p>
5.	BIOLOGY	<p>Ch-9: Heredity and Evolution. Practical: Study of Dicot Embryo</p>
6.	HISTORY	Chapter-3 Nationalism in India
7.	POLITICAL SCIENCE	Chapter- 5 Popular struggles and Movements
8.	GEOGRAPHY	Chapter-5 Minerals and Energy Resources Chapter-6 Manufacturing Industries
9.	ECONOMICS	Chapter 4- Globalisation
10.	FIT	Chapter-9 Inserting Images and Creating Tables in HTML Chapter-10 Links and Frames in HTML
11.	HINDI	<p>स्पर्श-पाठ-पतझर में दूटी पत्तियाँ कविता-मनुष्यता, आत्मत्राण व्याकरण-शब्द, पद उदाहरणसहित परिभाषा व अंतर, रचना व अर्थ के आधार पर वाक्य भेद व रूपांतरण, संवाद लेखन विज्ञापन लेखन व निर्माण, मुहावरे</p>
12.	SANSKRIT	<p>पाठ- ७ रमणीया हि सृष्टिरेषा पाठ- ८ तिरुक्कुरल सूक्ति –सौरभम् पाठ- ९ राष्ट्रं संरक्ष्यमेव हि प्रत्यय –शतृ, शानच्, त्व, तल्, टाप्, डीप्</p>

MONTH : NOVEMBER

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<p>LITERATURE: 1.Julius Caesar(Drama) 2. Virtually True (Prose) MCB: Travel & Tourism</p> <p>GRAMMAR: 1.Reported speech 2. Prepositions</p> <p>WRITING SKILLS: 1.Article Writing 2.Bio-Sketch 3.Brochure Designing Rapid Reader : Chapter 9 & 10</p>
2.	MATHS	Ch – 12: Area Related to Circles Ch – 7: Co-ordinate Geometry
3.	PHYSICS	Chapter 11: Human Eye and the colourful World
4.	CHEMISTRY	Ch-5 Periodic Classification of Elements Practical:Foaming Capacity of soap in hard and soft water
5.	BIOLOGY	Ch-9: Heredity and Evolution(continued) Ch-16: Management of Natural Resources Practical: Homologous and Analogous Organs.
6.	HISTORY	Chapter-3 Nationalism in India
7.	POLITICAL SCIENCE	Chapter-7 Outcomes of Democracies. Chapter-8 Challenges to Democracy
8.	GEOGRAPHY	Chapter-6 Manufacturing Industries Chapter-7 Life lines of National Economy
9.	ECONOMICS	Chapter 5- Consumer Rights
10.	FIT	Chapter-11 XML Chapter-12 Societal Impact of Information Technology
11.	HINDI	स्पर्श-पाठ- कारतूस कविता-मधुर मधुर मेरे दीपक जल, कर चले हम फिदा संचयन-पाठ-टोपी शुक्ला व्याकरण-सूचना लेखन ,अनुच्छेद लेखन,अशुद्ध वाक्यों का शोधन ,अपठित काव्यांश,अपठित गद्यांश, पत्र लेखन-औपचारिक व अनौपचारिक
12.	SANSKRIT	पाठ-१० कालोऽहं पाठ-११ सुस्वागतम् भो! अरुणाचलेऽस्मिन् अशु द्व संशोधनम् समास –द्वन्द्व , बहुव्रीहि , अव्ययीभाव

MONTH : December

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	LITERATURE: Virtually True (Prose)
2.	MATHS	Ch – 13: Surface Area and Volume Ch – 11: Constructions
3.	PHYSICS	REVISION
4.	CHEMISTRY	REVISION
5.	BIOLOGY	REVISION
6.	HISTORY	REVISION
7.	POLITICAL SCIENCE	REVISION
8.	GEOGRAPHY	Chapter-7 Life lines of National Economy , REVISION
9.	ECONOMICS	REVISION
10.	FIT	
11.	HINDI	पुनरावृत्ति
12.	SANSKRIT	अपठित अनुच्छेद , चित्रवर्णन ,पत्रलेखनम्

MONTH: JANUARY – REVISION & PRE BOARD EXAMINATION