

# Somerville School

Vasundhara Enclave, Delhi – 110 096



## Syllabus for Class IX

### 2017 – 2018

**SOMERVILLE SCHOOL, VASUNDHARA ENCLAVE, DELHI-96**  
**SYLLABUS FOR THE YEAR 2017-2018**  
**BOOK DETAILS**

**BOOK LIST 2017-2018**

S.No.	Name	Publisher	Rate	Book Binding
1	<b>English Communicative (101)</b> 1. Interact in English IX Main Course Book-Revised Edition 2. Interact in English IX Literature Reader- Revised Edition 3. Interact in English IX Workbook-Revised Edition 4. Three Men in a Boat (Unabridged) by Jerome K. Jerome	C.B.S.E C.B.S.E C.B.S.E V-Connect Education	60.00 50.00 Under Print 225.00	12.00 12.00
2	<b>Hindi Course B (085)</b> 1. Sparsh – Part I – Textbook for Class IX (Hindi B) 2. Sanchayan – Part I – Poorak Pathya Pustak (Hindi B) 3. Vyakaran Darshika	N.C.E.R.T. N.C.E.R.T. New Saraswati House Pvt. Ltd.	50.00 25.00 395.00	12.00 12.00
3	<b>Sanskrit</b> 1. Manika - Part- I 2. Manika Abhyas Pustika – I	C.B.S.E C.B.S.E	Under Print	
4	<b>Mathematics</b> 1. Mathematics – Textbook for Class IX	N.C.E.R.T.	135.00	12.00
5	<b>Science</b> 1. Textbook of Science for Class IX 2. Living Science Lab Manual IX	N.C.E.R.T. Ratna Sagar	135.00 314.90	12.00
6	<b>Social Science</b> 1. India and the Contemporary World – I Textbook in History for Class IX 2. Contemporary India - I Textbook in Geography for Class IX 3. Democratic Politics - I Textbook in Political Science for Class IX 4. Economics - Textbook for Class IX	N.C.E.R.T. N.C.E.R.T. N.C.E.R.T. N.C.E.R.T.	115.00 50.00 80.00 45.00	12.00 12.00 12.00 12.00
7	<b>Foundation of Information Technology (165)</b> Foundation of Information Technology for CBSE- IX	Oxford University Press	430.00	
<b>TOTAL</b>				<b>2230.00</b>

**STATIONERY LIST 2017-2018**

<b>SL. NO.</b>	<b>SUBJECT</b>	<b>ITEM</b>	<b>REQUIRED NO.</b>	<b>RATE</b>
1	<b>NOTE BOOKS</b>	100 PAGES INTERLEAVED (A-4 SIZE) FOR BIOLOGY 100 PAGES SINGLE LINED (A-4 SIZE)	1 9	30.00 270.00
2	<b>MATHEMATICS LAB ACTIVITY FILE</b>	NOTE BOOK INTERLEAVED WITH SPIRAL BINDING AND GRAPH (10 SHEETS) AT THE END	1	70.00
3	<b>PRACTICAL NOTE BOOK FOR SCIENCE</b>	(PHYSICS, CHEMISTRY & BIOLOGY) ITC'S CLASSMATE - 180 PAGES	1 each	270.00
4	<b>LABELS (OPTIONAL)</b>			30.00
5	<b>COVERS FOR NOTEBOOKS (OPTIONAL)</b>			110.00
6	<b>CARRY BAGS (2 NOS.) OPTIONAL</b>			16.00
<b>TOTAL</b>				<b>796.00</b>

**SYLLABUS FOR THE YEAR 2017-2018**

**MONTH : APRIL**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	<b>ENGLISH</b>	<b>Literature</b> 1-Prose-How I taught my grandmother to read 2-Poetry-The Brook <b>Main course book-</b> 1. Unit -1 people <b>Grammar</b> -Verbs <b>Writing skill</b> - E-mail, informal letter <b>Long reading text</b> -Three Men in a Boat-Chapter 1 and 2
2.	<b>MATHS</b>	Chapter- 1: Number System  Chapter -3 : Co-ordinate Geometry
3.	<b>PHYSICS</b>	Chapter-8: MOTION/State of Rest and Motion; Distance and displacement, velocity; uniform and non-uniform motion along a straight line; acceleration, distance-time and velocity-time graphs for uniform motion and uniformly accelerated motion
4.	<b>CHEMISTRY</b>	L-1: Matter In Our Surroundings Practical – To prepare true solution, colloid and suspension and distinguish these on the basis of : (a) transparency (b) filtration (c) stability
5.	<b>BIOLOGY</b>	LESSON 5: Fundamental Unit of Life <b>PRACTICAL:</b> Food Sample Tests
6.	<b>HISTORY</b>	French Revolution
7.	<b>POLITICAL SCIENCE</b>	Democracy in the Contemporary World
8.	<b>GEOGRAPHY</b>	Chapter1-India size and Location
	<b>ECONOMICS</b>	Chapter 1-The story of village Palampur
10.	<b>FIT</b>	Chapter1: The Computer System Chapter 3: Introduction to a Word Processor
11.	<b>HINDI</b>	स्पर्श – पाठ – धूल कविता –रैदास के पद व्याकरण – ‘र’ के विभिन्न रूप, अनुस्वार, अनुनासिक, वर्ण-विच्छेद, संवाद-लेखन
12.	<b>SANSKRIT</b>	संस्कृत वर्णमाला एवं वर्णविचार पाठ -१ तत् त्वम् असि प्रत्यय- क्त्वा, तुमुन्, ल्यप् अपठित अनुच्छेद, पत्रलेखनम्

**MONTH : MAY**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	<b>ENGLISH</b>	<b>Literature</b> 1-Prose-A Dog named Duke 2-Poetry-The Road not taken <b>Main Course Book</b> 1.Unit -2 Adventure <b>Grammar</b> -Determiners <b>Writing Skill</b> - Notice, Punctuation <b>Long Reading Text</b> -Three Men In A Boat Chapter 3 And 4 <b>Holiday Homework</b> -Free Composition.
2.	<b>MATHS</b>	Chapter – 2 : Polynomials
3.	<b>PHYSICS</b>	Chapter-8: MOTION/ Derivation of equations of motion by graphical method; elementary idea of uniform circular motion
4.	<b>CHEMISTRY</b>	L -1 Matter In Our Surroundings Practical - Compound and Mixture
5.	<b>BIOLOGY</b>	Lesson :6 TISSUES <b>PRACTICAL:</b> To Prepare Temporary Slides Onion Peel and Cheek Cells
6.	<b>HISTORY</b>	French Revolution
7.	<b>POLITICAL SCIENCE</b>	Democracy in the Contemporary World
8.	<b>GEOGRAPHY</b>	Chapter2-Physical features of India
9.	<b>ECONOMICS</b>	Chapter 1- The story of village Palampur
10.	<b>FIT</b>	Chapter-4: More features of a Word Processor
11.	<b>HINDI</b>	स्पर्श – पाठ – दुःख का अधिकार संचयन – पाठ-गिल्लू व्याकरण –नुक्ता, चित्र-वर्णन, अनौपचारिक पत्र, औपचारिक पत्र
12.	<b>SANSKRIT</b>	सन्धि - स्वर, व्यञ्जन, विसर्ग पाठ -2 अविवेकः परमापदां पदम् पाठ -३ पाथेयम् चित्रवर्णनम्

MONTH : JULY

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<b>Literature</b> 1-Poetry-The Solitary Reaper 2-Poetry-Lord Ullin's Daughter <b>Main Course Book</b> 1-Unit 3 Environment <b>Grammar</b> -Future Tense <b>Writing Skill</b> -1.Report Writing 2.Letter to the Editor <b>Long Reading Text</b> -Three Men in a Boat Chapter 5-7
2.	MATHS	Chapter – 6 : Lines and Angles  Chapter -12 : Heron's Formula
3.	PHYSICS	Chapter-9: Force And Laws Of Motion / Balanced and Unbalanced Force, Newton's Laws of Motion, Inertia of a body, Inertia and mass, Momentum, Force and Acceleration. Elementary idea of conservation of Momentum, Action and Reaction forces.
4.	CHEMISTRY	Lesson -2 Is Matter Around Us Pure Practical –1. Physical and Chemical changes 2. Separation of components of a mixture of sand, common salt and ammonium chloride
5.	BIOLOGY	Lesson 15: Improvement in Food Resources <b>Practical</b> :Permanent Slides –Plant and Animal Tissues
6.	HISTORY	Nazism and the Rise of Hitler
7.	POLITICAL SCIENCE	What is Democracy? Why Democracy?
8.	GEOGRAPHY	Chapter2-Physical features of India
9.	ECONOMICS	Chapter 2-People as resource
10.	FIT	Chapter-2 Operating System Chapter 7: Advanced Features of a Word Processor
11.	HINDI	स्पर्श – पाठ –एवरेस्ट: मेरी शिखर यात्रा दोहे (रहीम जी) संचयन – पाठ- स्मृति व्याकरण – उपसर्ग, प्रत्यय, अपठित काव्यांश, अपठित गद्यांश, विज्ञापन-रचना, अनुच्छेद-लेखन
12.	SANSKRIT	पाठ -४ स्वस्थवृत्तम् पाठ -५ भ्रातृस्नेहस्तु दुर्लभम् धातुरूप -लट् ,लृट् ,लङ्ग उपपद विभक्ति शब्दरूप -स्वरान्त ,सर्वनाम

MONTH : AUGUST

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<p><b>Literature</b> 1-Drama-Villa for Sale <b>Main Course Book</b> 1-Unit-3 Environment (Contd) <b>Grammar-Modals</b> <b>Writing Skill</b>-1-PPT On Endangered Species of Animals 2. Gapped Text <b>Long Reading Text</b>-Three Men in a Boat Chapter 8, 9, 10 <b>ASL-SA1</b> Listening Speaking</p>
2.	MATHS	<p>Chapter 7: Triangles Chapter 8: Quadrilaterals Chapter 5 : Introduction to Euclid's Geometry</p>
3.	PHYSICS	<p>Chapter-10: GRAVITATION / Centripetal Force, Gravitation; Universal Law of Gravitation, Force of Gravitation of the earth (gravity), Acceleration due to Gravity; Mass and Weight; Free fall.</p>
4.	CHEMISTRY	<p>L-2 Is Matter Around us Pure Practical – To determine the melting point of ice and boiling point of water</p>
5.	BIOLOGY	<p>Lesson 15: Improvement in Food Resources Cont. <b>Practical</b> : Osmosis in Raisins</p>
6.	HISTORY	<p>Nazism and the Rise of Hitler</p>
7.	POLITICAL SCIENCE	<p>Constitutional Design</p>
8.	GEOGRAPHY	<p>Chapter3-Drainage</p>
9.	ECONOMICS	<p>Chapter 2-People as resource</p>
10.	FIT	<p>Chapter 6: Basics of Information Technology</p>
11.	HINDI	<p>स्पर्श – पाठ – तुम कब जाओगे, अतिथि कविता –आदमीनामा संचयन – पाठ – कल्लू कुम्हार की उनाकोटी व्याकरण– संधि, विराम चिह्न</p>
12.	SANSKRIT	<p>पाठ -६ विद्यया भान्ति सद्गुणाः अपठित अनुच्छेद, पत्रलेखनम्, चित्रवर्णनम्</p>

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

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	ENGLISH	<b>Literature</b> 1-Prose-The Man who knew too much 2-Poetry-The Seven Ages <b>Main Course Book</b> 1 . Unit-4.The class IX Radio show 2 5. Mystery <b>Grammar</b> -Connectors <b>Writing Skill</b> - 1-Writing a Paragraph <b>Long Reading Text</b> -Three Men in a Boat Chapter 11-12
2.	MATHS	Chapter -14 : Statistics  Chapter – 4: Linear Equation in two variables
3.	PHYSICS	Chapter-10: GRAVITATION / Thrust and Pressure, Pressure in Fluids Archimedes' Principle; Buoyancy; Law of Floatation, Elementary idea of Relative Density.
4.	CHEMISTRY	Lesson-3 : Atoms and Molecules Exp. To verify the law of conservation of mass
5.	BIOLOGY	Lesson : 7 Diversity In Living Organisms (Intro.) <b>Practical</b> : Features Of Monocot And Dicot Plants
6.	HISTORY	Pastoralists in the Modern World
7.	POLITICAL SCIENCE	Electoral Politics
8.	GEOGRAPHY	Chapter4-Climate
9.	ECONOMICS	Chapter 3-Poverty as a challenge
10.	FIT	Chapter 8: Introduction to Presentation Software Chapter 9: Adding effects to a Presentation
11.	HINDI	स्पर्श – पाठ – वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकटरामन व्याकरण-अनुस्वार, अनुनासिक, वर्ण-विच्छेद, संधि, अपठित काव्यांश, अनुच्छेद- लेखन
12.	SANSKRIT	पाठ -७ तरवे नमोऽस्तु पाठ -८ कर्मणा याति संसिद्धिम् पत्रलेखनम् धातुरूप -लट्, लृट्, लङ्ग, लोट्, विधिलिङ्ग



**MONTH : NOVEMBER**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	<b>ENGLISH</b>	<p><b>Literature</b>            1-Prose-Keeping it from Harold            2-Poetry-Oh,I Wish I'd looked after me Teeth  <b>Main Course Book</b>            1 -Unit-6 Mystery (contd.)  <b>Grammar</b>-Passives  <b>Writing Skill</b>-1- Story Writing  <b>Long Reading Text</b>-Three Men in a Boat Chapter 13, 14, 15</p>
2.	<b>MATHS</b>	<p>Chapter – 10 : Circles            Chapter – 11: Constructions            Chapter – 15 : Probability</p>
3.	<b>PHYSICS</b>	<p>Chapter-11: Work And Energy / Work done by a Force, Positive , Negative and Zero work done, Energy, Energy transformation, power; Kinetic energy and Potential energy &amp; deriving expressions for them; Law of conservation of energy, Commercial unit of energy</p>
4.	<b>CHEMISTRY</b>	<p>Lesson-3 Atoms and Molecules</p>
5.	<b>BIOLOGY</b>	<p>Lesson 7 : Diversity In Living Organisms (Plants)  <b>Practical</b> : Plant Kingdom</p>
6.	<b>HISTORY</b>	<p>Pastoralists in the Modern World</p>
7.	<b>POLITICAL SCIENCE</b>	<p>Working of Institutions</p>
8.	<b>GEOGRAPHY</b>	<p>Chapter5-Natural Vegetation and Wildlife</p>
9.	<b>ECONOMICS</b>	<p>Chapter 3- Poverty as a challenge</p>
10.	<b>FIT</b>	<p>Chapter 10: Introduction to Spreadsheets            Chapter 11: Formula in Spreadsheet</p>
11.	<b>HINDI</b>	<p>स्पर्श – पाठ – कीचड़ का काव्य            कविता – एक फूल की चाह            संचयन – पाठ – मेरा छोटा-सा निजी पुस्तकालय            व्याकरण – नुक्ता, उपसर्ग, प्रत्यय, अनौपचारिक पत्र, अपठित गद्यांश</p>
12.	<b>SANSKRIT</b>	<p>पाठ -९ विजयतां स्वदेश            पाठ -१० वदतु साम्प्रतम्            प्रत्यय - क्त, क्तवतु, शतृ, शानच्, पूर्वपठित (क्त्वा, तुमुन्, ल्यप्)            चित्रवर्णनम्</p>

**MONTH : DECEMBER**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	<b>ENGLISH</b>	<b>Literature</b> 1-Drama-The Bishop's Candlesticks <b>Main Course Book</b> 1-Unit-6 Children <b>Grammar</b> -Reported speech <b>Writing Skill</b> -1. Article <b>Long Reading Text</b> Three Men in a Boat Chapter 16-17
2.	<b>MATHS</b>	Chapter – 13 : Surface area and volume
3.	<b>PHYSICS</b>	Chapter-12: SOUND / Nature of sound and its propagation in various media, Characteristics of waves, Characteristics of sound, speed of sound, range of hearing in humans; ultrasound; reflection of sound; echo and SONAR. Structure of the Human Ear (Auditory aspect only).
4.	<b>CHEMISTRY</b>	Lesson-4 Structure of Atom
5.	<b>BIOLOGY</b>	Lesson 7: Diversity In Living Organisms (Animals) <b>Practical</b> : Animal Kingdom
6.	<b>HISTORY</b>	The Story of Cricket
7.	<b>POLITICAL SCIENCE</b>	Working of Institutions
8.	<b>GEOGRAPHY</b>	Chapter6-Population
9.	<b>ECONOMICS</b>	Chapter 4- Food security in India
10.	<b>FIT</b>	Chapter 12: Advanced features of Spreadsheet
11.	<b>HINDI</b>	स्पर्श – पाठ – धर्म की आड़ कविता-गीत-अगीत संचयन – पाठ –हामिद खाँ व्याकरण – विराम चिह्न, संवाद-लेखन, चित्र-वर्णन, औपचारिक-पत्र
12.	<b>SANSKRIT</b>	पाठ -११ न धर्मवृद्धेषु वयः समीक्ष्यते पाठ -१२ कवयामि वयामि यामि उपपदविभक्ति शब्दरूप - हलन्त, संख्या

**MONTH : JANUARY**

S.NO.	SUBJECTS	TOPIC/ CHAPTER
1.	<b>ENGLISH</b>	<b>Literature</b> Prose- Best Seller Poetry- Song of the Rain <b>Main Course Book</b> 1-Unit-7 Sports and Games <b>Grammar</b> -Prepositions <b>Writing Skill</b> - Bio data and Bio sketch, Speech <b>Long Reading Text</b> Three men in a Boat Chap 18, 19 <b>ASL-SAIL</b> Listening Speaking
2.	<b>MATHS</b>	Chapter- 9 : Area of parallelogram and Triangles
3.	<b>PHYSICS</b>	Chapter-14: Natural Resources (14.1-14.1.2) Revision
4.	<b>CHEMISTRY</b>	Lesson -14 Natural Resources 14.3-14.5
5.	<b>BIOLOGY</b>	Lesson 13 : Why Do We Fall ill <b>Practical:</b> Life cycle of a Mosquito
6.	<b>HISTORY</b>	The Story of Cricket
7.	<b>POLITICAL SCIENCE</b>	Democratic Rights
8.	<b>GEOGRAPHY</b>	Chapter6-Population
9.	<b>ECONOMICS</b>	Chapter 4- Food security in India
10.	<b>FIT</b>	Chapter 13: Societal Impacts of Information Technology
11.	<b>HINDI</b>	स्पर्श – पाठ –शुक्रतारे के समान कविता –अग्निपथ, नए इलाके में, खुशबू रचते हैं हाथ संचयन – पाठ – दिये जल उठे व्याकरण– विज्ञापन- रचना
12.	<b>SANSKRIT</b>	पाठ -१३ भारतीय विज्ञानम् पाठ -१४ भारतेनऽस्ति मे जीवनं जीवनम् चित्रवर्णनं, अपठित अनुच्छेद

**MONTH: FEBRUARY & MARCH – REVISION & FINAL EXAMINATION**