

**MT. COLUMBUS SCHOOL**  
**Dakshinpuri, New Delhi – 62**  
**Half Yearly Syllabus (2018 -2019)**  
**Class- VIII**  
**SUBJECT-ENGLISH**

NAME OF THE BOOK: The English Connection  
 Self-Learning English Course with Activities  
 The Adventures of Don Quixote

	<b>CONTENT</b>	<b>ACTIVITY</b>
<p><b><u>Coursebook</u></b>            Unit 2 Whodunnit            Unit 3 Pushing Limits            Unit 4 The Wonderful World Of Animals</p> <p><b><u>Grammar</u></b>            Ch-3 Nouns            Ch-4 Verbs            Ch-5 Agreement of Verb with the Subject            Ch-6 Modals            Ch-7 Adjective            Ch-8 Determiners            Ch-9 Articles            Ch-10 Pronouns            Ch-11 Preposition</p> <p><b><u>Writing Skill</u></b></p> <ul style="list-style-type: none"> <li>• Letter Writing (Formal&amp; Informal)</li> <li>• Notice Writing</li> <li>• Essay Writing</li> </ul> <p><b><u>Supplementary Reader</u></b>  <b>(Reading only)</b>            Ch-1 Don Quixote sets out in search of adventure            Ch-2 Don Quixote            Ch-3 Don Quixote            Ch-4 Don Quixote</p>	<ul style="list-style-type: none"> <li>• Reading and appreciating the text.</li> <li>• Understanding the plot, the style of writing and the genre.</li> <li>• Word meanings-expanding the vocabulary with new words, usage of new words.</li> <li>• Understanding the characterization and other elements of a story.</li> <li>• Reference to the Context, Questions and Answers.</li> <li>• Author's profile</li> <li>• Critical Analysis/Theme, Moral value imparted through the story/ Diary Entry based on the theme of the story.</li> <li>• Understanding relation with real life/current day situations</li> </ul> <p>Poetry appreciation (Repetition)</p>	<p><b><u>GROUP ACTIVITY</u></b></p> <ul style="list-style-type: none"> <li>• Holding a Press Conference</li> <li>• Making a Power Point presentation on personality</li> <li>• Prepare a Champak of all the animals and depict their importance in the form of comic.</li> </ul> <p><b><u>LISTENING ACTIVITY</u></b></p> <ul style="list-style-type: none"> <li>• Listening the text read by the teacher and matching the correct answers.</li> <li>• Listening and putting up the pictures in correct order.</li> <li>• Listening the text for information and answering the questions that follow.</li> </ul>

**BLUE PRINT****TIME: 3 Hrs. MAX. MARKS: 80**

	<b>0.5 Mark</b>	<b>1 Mark</b>	<b>2 Marks</b>	<b>5 Marks</b>	<b>Total</b>	<b>Percentage (%) Weightage</b>
<b>SECTION: A (20 marks)</b>						25
<b>Unseen Passage</b>						
Comprehensive Passage	–	2	3		8	
Discursive Passage	–	4	4		12	
<b>SECTION: B (30 marks)</b>						37.5
Letter Writing / Essay Writing	–	–	–	1	5	
Notice	–	–	–	1	5	
Nouns	4	–	–	–	2	
Verbs	–	5	–	–	5	
Agreement of Verb with the Subject	–	6	–	-	6	
Modals	2	–	–	–	1	
Adjective Determiners	4	–	–	–	2	
Articles Pronouns	4	–	–	–	2	
Preposition	–	2	–	–	2	
<b>SECTION: C (30 marks)</b>						37.5
Question Answers	–	–	6	–	12	
Reference to the Context	–	8	–	–	8	
Value Based Question	–	–	–	2	10	
<b>Total</b>	<b>0.5X14=7</b>	<b>1X27=27</b>	<b>2X13=26</b>	<b>5X4=20</b>	<b>80</b>	<b>100</b>

## विषय-हिन्दी

<p><b>बसन्त</b></p> <p>पाठ-1 ध्वनि पाठ-2 लाख की चूड़ियाँ पाठ-3 बस की यात्रा पाठ-4 दीवानों की हस्ती पाठ-5 चिट्ठियों की अनूठीकहानी (पठन) एक दौड़ ऐसीभी (पठन) पाठ-6 भगवान के डाकिए पाठ-7 क्यानिराशहुआजाए पाठ-8 यह सबसेकठिन समय नहीं पाठ-9 कबीर की साखियाँ</p> <p><b>भारत की खोज</b></p> <p>पाठ-1 अहमदनगरकाकिला पाठ-2 तलाश पाठ-3 सिंधुघाटीसभ्यता पाठ-4 युगोंकादौर पाठ-5 नयीसमस्याएँ</p> <p><b>व्याकरणलतिका</b></p> <p>पाठ-1 भाषा, लिपिऔरव्याकरण पाठ-2 वर्ण-विचार पाठ-3 संधि पाठ-4 शब्दविचार पाठ-5 शब्दरचना: उपसर्ग, प्रत्यय औरसमास पाठ-6 संज्ञा पाठ-7 सर्वनाम पाठ-8 विशेषण पाठ-14 मुहावरे अपठितअवबोध, पत्र औरनिबंध लेखन</p>	<p>कहानी श्रवण पर आधारित प्रश्नोत्तर कहानी-पठन/लेखन (चिंतन तथासृजनात्मक कार्य) परिचर्चा कौशल-पठन</p>	<p><b>व्याकरणलतिका</b></p> <p>पाठ-3 संधि पाठ-4 शब्दविचार पाठ-5 शब्दरचना: उपसर्ग, प्रत्यय औरसमास पाठ-6 संज्ञा पाठ-7 सर्वनाम पाठ-8 विशेषण पाठ-14 मुहावरे</p>
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प्रश्न पत्र का प्रारूप

समय: 3 घंटे

पूर्णांक: 80

क्रम संख्या	पाठ्यक्रमानुसार इकाईयां	इकाईपर आवंटितअंक	वस्तुनिष्ठप्रश्न				कुलप्रश्न
			1 अंक	2 अंक	3 अंक	5 अंक	
1	अपठितबोध अ) गद्यांश	15	6	1	—	—	2
	ब) पद्यांश		5	1	—	—	
2	व्याकरण	20	5	6	1	—	12
3	साहित्य पाठ्यपुस्तक— बसन्त	25	7	6	2	—	3
4	सहायकपुस्तिका— भारत की खोज	10		5	—	—	1
5	लेखन	10	—	—	—	2	2
	योग	80	22	19	4	2	20

विषय—संस्कृत

<p><u>रूचिरा</u> पाठ—1 सुभाषितानि पाठ—2 बिलस्य वाणी न कदापिमेश्रुता पाठ—3 भगवदज्जुकम् पाठ—4 सदैवपुरतोनिधेहि चरणम् पाठ—5 धर्म धमनंपापेपुण्यम् पाठ—6 प्रेमलस्य प्रेमल्याश्चकथा पाठ—7 जलवाहिनी पाठ—8 संसारसागरस्य नायकाः</p> <p><u>व्याकरण</u> धातुरूप—धाव् , खेल , गम् रक्ष (पाँचौलकारों में) शब्दरूप—राजन् , अस्मद् , युष्मद् सन्धि , प्रत्यय , श्लोक , गिनती 1से 50तक, कण्ठस्थ श्लोक पत्र लेखन अपठितगद्यांश</p>	<p>सस्वरवाचन</p>	<p><u>अभ्यासपुस्तिका</u> पाठ—1 से 8 तक <u>व्याकरण</u> वर्ण—विचार , धातुरूपाणि शब्दरूपाणि ,सन्धि ,संख्यावाचकशब्दाः कारक—उपपदविभक्तिश्च</p>
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क्रम संख्या	पाठ्यक्रमानुसार इकाईयाँ	इकाईपरआवंटितअंक	अंकवारप्रश्नों की संख्या					कुलप्रश्न	
			1 अंक	2 अंक	3अंक	4अंक	5 अंक		7 अंक
1	अपठितअवबोधम्	10							1
2	रचनात्मककार्यम्	5					1		1
3	अनुप्रयुक्तमव्याकरण धातुरूप शब्दरूप पद परिचय प्रत्यय , सन्धि गिनती कण्ठस्थ श्लोक	5 7 4 4 4 2 4		1		4	3	1	9
4	पाठ्यपुस्तकम् (रूचिरा) पाठ-1 सुभाषितानि पाठ-2 बिलस्य वाणी न कदापिमेश्रुता पाठ-3 भगवद्ज्जुकम् पाठ-4 सदैवपुरतोनिधेहि चरणम् पाठ-5 धर्मे धमनंपापेपुण्यम् पाठ-6 प्रेमलस्य प्रेमल्याश्चकथा पाठ-7 जलवाहिनी पाठ-8 संसारसागरस्य नायकाः	3 3 4 5 5 5 5 5	5	5(2x5)		5(4x5)			7
		80	1x5=5	2x5=10		4x5=20			15

## SUBJECT-MATHEMATICS

NAME OF THE BOOK: Mathematics

CHAPTER	CONTENT	LAB ACTIVITY
Chapter 1 : Rational Numbers Chapter 5: Data Handling Chapter 2 : Linear Equations in One Variable	<ul style="list-style-type: none"> <li>• As per PT1 Content</li>   <li>• Introduction</li> <li>• Solution of linear equation in one variable</li> <li>• Application of linear equation in one variable</li> <li>• Reducing equations to simple form</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet</li> </ul>
Chapter 6: Square and Square Roots	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Properties of Square numbers</li> <li>• Pythagorean Triplet</li> <li>• Square roots through different methods</li> <li>• Estimating square roots</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet</li> <li>• Activity : Use dot paper and then calculate the length of each side of square using pythagoras theorem.</li> </ul>
Chapter 7: Cube and Cube roots	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Cube root through prime factorisation method</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet</li> </ul>
Chapter 10: Visualizing Solid Shapes	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• 2-D shapes</li> <li>• Views of 3-D shapes</li> </ul>	<ul style="list-style-type: none"> <li>• Activity : Make any 2 solids (Cube, Cuboid etc) and identify the top view, front view, side view.</li> </ul>
Chapter 12: Exponents and Powers	<ul style="list-style-type: none"> <li>• Faces, Edges and Vertices of Polyhedron</li> <li>• Euler's Formula</li>   <li>• Introduction</li> <li>• Powers with negative exponents</li> <li>• Laws of exponents</li> <li>• Standard form and usual form of a given numbers.</li> </ul>	<ul style="list-style-type: none"> <li>• Activity: To find the value of 2 raised to the power 10 using old newspaper and pair of scissors.</li> </ul>
Chapter 13: Direct and Inverse Proportion	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Direct Proportion</li> <li>• Inverse Proportion</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet</li> </ul>
Chapter 16: Playing with Numbers	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Numbers in General form</li> <li>• Divisibility Tests</li> </ul>	<ul style="list-style-type: none"> <li>• Check the divisibility of DOB of your family members by 2,3,5,9 and 10.</li> </ul>

**BLUEPRINT****TIME: 3 Hrs.****MAX. MARKS: 80**

<b>Name Of The Chapter</b>	<b>Very Short (1 Mark)</b>	<b>Short (2 Marks)</b>	<b>Long (3 Marks)</b>	<b>Very Long (4 Marks)</b>	<b>Total</b>	<b>Percentage (%) Weightage</b>
Chapter 1 : Rational Number	2	1	1	-	7	8.75%
Chapter 5 : Data Handling	-	-	1	2	11	13.75%
Chapter 2: Linear equations in one variable	-	-	2	2	14	17.50%
Chapter 6: Square and square roots	3	1	2	1.5	17	21.25%
Chapter 7: Cube and Cube roots	-	-	1	0.5	5	6.25%
Chapter 10: Visualizing Solid Shapes	-	1	1	-	5	6.25%
Chapter 12 : Exponents and Powers	-	1	1	1	9	11.25%
Chapter 13: Direct and Inverse Proportion	-	1	1	-	5	6.25%
Chapter 16: Playing with Numbers	1	1	-	1	7	8.75%
<b>Total</b>	<b>1X6=6</b>	<b>2X6=12</b>	<b>3X10=30</b>	<b>4X8=32</b>	<b>80</b>	<b>100</b>

**SUBJECT – SCIENCE**

<b>CHAPTERS</b>	<b>CONTENT</b>	<b>ACTIVITY</b>	<b>EXPERIMENT</b>
CH-1 Crop Production and Management	As per PT – 1 syllabus	–	–
CH-2 Microorganisms Friend or Foe	As per PT – 1 syllabus	–	–
CH-17 Stars and the Solar System	As per PT – 1 syllabus	–	–
Ch- 3 Synthetic fibers and plastic	Monomers and polymers, Natural and synthetic polymers, Properties and uses of synthetic fibers, Rayon, Nylon, Polyester, Acrylic, Types of plastics, Plastics and environment.	To show the effect of heat on thermoplastics.	To Compare the water holding or absorbing capacity of natural and synthetic fabrics.
Ch – 5 Coal and petroleum	Natural Resources, Fossil fuels, Coal, Formation of coal, Different types of coal, Coke, Coal gas, Coal tar, Petroleum, Formation of petroleum, Refining and natural gas	–	To study the physical properties of coal
Ch- 4 Materials –Metals and Non Metals	Occurrence of metals and non-metals in nature, Physical and chemical properties of metal and non metal, Reactivity series of metals, Uses of metals & non metals.	To test the electrical conductivity of some liquids by making a tester.	To study the reaction of a metal and a non metal with an acid  To study that a more reactive metal displaces a less reactive metal from its salt solution.
Ch – 13 Sound	Production of sound, Musical instruments and sound, Sound production in human, Propagation and speed of sound, Properties of sound wave, Noise pollution.	To understand the working of vocal cords.	To show that vibrating objects produce sound.
Ch- 16 Light	Light - as a form of energy, Reflection & laws of reflection, Multiple reflection & its application, Structure of human eye, Defects of vision.	To make a kaleidoscope.  To find the number of images formed by two plane mirrors kept at different angles.	To verify the first laws of reflection of light.

Ch – 12 Friction	Friction and cause of friction, Factors affecting friction, Friction: a necessary evil, Importance of friction, Increasing and decreasing friction, Friction in fluids.	To show the effect of mass on the force of friction.	To show that rolling friction is less than the sliding friction in magnitude.
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### BLUEPRINT

**TIME : 3Hrs.**

**Name of the book : NCERT**

S. No	CHAPTERS	V.V Short Answer (1 Mark)	Very Short Answer (2 Marks)	Short Answer (3 Marks)	Long Answer (5 Marks)	Total Marks	Percentage (%) Weightage
1.	CH-1 Crop Production and Management	1	1	1	–	6	7.5
2.	CH-2 Microorganisms Friend or Foe	–	–	1	1	8	10
3.	CH-17 Stars and the Solar System	1	–	–	1	6	7.5
4	Ch- 3 Synthetic Fibers and plastics	–	2	2	–	10	12.5
5	Ch – 5 Coal and petroleum	–	1	1	1	10	12.5
6	Ch- 4 Materials –Metals and Non Metals	–	1	1	1	10	12.5
7	Ch – 13 Sound	–	1	1	1	10	12.5
8	Ch- 16 Light	–	2	2	–	10	12.5
9	Ch – 12 Friction	–	1	1	1	10	12.5
<b>Total</b>		<b>1X2=2</b>	<b>2X9=18</b>	<b>3X10=30</b>	<b>5X6=30</b>	<b>80</b>	<b>100</b>

## SUBJECT -SOCIAL SCIENCE

**NAME OF THE BOOK:** Our Pasts-I / Resource and Development / Social and Political Life

<b>HISTORY</b>	<b>CONTENT</b>	<b>ACTIVITIES</b>
Ch-1. How, When and Where	As per the PT- 1 Syllabus	
Ch-2. From Trade to Territory	As per the PT- 1 Syllabus	Map Work
Ch-3. Ruling The Countryside	The changes in the rural society of various settlement systems.	Informative pocket on various settlement systems.
Ch-4. Tribals, Dikus And the Vision of a Golden Age.	The different form of tribal societies.	Map Work.
Ch-5. When People Rebel	The changes in the economies and societies of the tribal.	
Ch-6. Colonialism and The City	The life at the time of partition and the emergence of new towns and new capital.	
<b>GEOGRAPHY</b>		
Ch-1. Resources	As per the PT- 1 Syllabus	
Ch-2. Land, Soil, Water, Natural Vegetation And Wildlife Resources	The importance of resources in our daily life and the conservation of resources.	Map Work.
Ch-3. Minerals And Power Resources	The types of minerals, various ways of extraction and distribution of minerals.	Map Work.
<b>CIVICS</b>		
Ch-1 The Indian Constitution	As per the PT- 1 Syllabus	
Ch-2. Understanding Secularism	As per the PT- 1 Syllabus	
Ch.-3. Why Do We Need A Parliament?	Working of Parliamentary form of government.	Prepare a flow chart showing pictures of all the President and Prime Minister of India with their tenures.
Ch-4. Understanding Laws	The features of the legislation, need of law and its implications.	
Ch-5. The Judiciary	The main elements of our judicial structure.	Make a flow chart on the structure of Indian Judiciary.

**BLUEPRINT****TIME: 3 Hrs.****MAX. MARKS: 80**

<b>S. No.</b>	<b>Name of the Chapters</b>	<b>Very Short Answer (1 Mark)</b>	<b>Short Answer (3Marks)</b>	<b>Long Answer (5Marks)</b>	<b>Total Marks</b>	<b>Percentage (%) Weightage</b>
1	Ch-1 How, When and Where	1	-	-	01	1.25
2	Ch-2 From Trade to Territory	-	1	-	03	3.75
3	Ch-3. Ruling The Countryside.	-	-	1	05	6.25
4	Ch-4. Tribals, Dikus And the Vision of a Golden Age.	-	1	-	03	3.75
5	Ch-5. When People Rebel	-	1	-	05	6.25
6	Ch-6. Colonialism and The City	-	1	1	08	10
7	Ch-1. Resources	1	1	-	04	05
8	Ch-2. Land, Soil, Water, Natural Vegetation And Wildlife Resources	1	2	1	12	15
9	Ch-3. Minerals And Power Resources	1	-	2	11	13.75
10	Ch-1 The Indian Constitution	1	-	-	01	1.25
11	Ch-2 Understanding Secularism	1	1	-	04	5
12	Ch.-3. Why Do We Need A Parliament?	1	1	-	04	5
13	Ch-4. Understanding Laws	-	1	1	08	10
14	Ch-5. The Judiciary	-	1	1	08	10
15	Map Work(History)	2	-	-	02	2.5
16	Flow Chart (Geography)	-	1	-	03	3.75
	<b>TOTAL</b>	<b>9X1=9</b>	<b>12X3=36</b>	<b>7X5=35</b>	<b>80</b>	<b>100</b>

**History- 25 Marks / Geography- 30 Marks / Civics- 25 Marks**

**SUBJECT- COMPUTER****Name of Book: - Cordova-Learning ICT**

<b>Chapter</b>	<b>Contents</b>	<b>Lab Activity</b>
Ch-2 Learn to use Microsoft Access 2010	1. Introduction 2. Database 3. RDBMS 4. Database objects 5. MS Access 6. Starting Microsoft Access 2010 7. Creating an Access Database 8. Creating a table 9. Creating a table using datasheet view 10. Viewing a table 11. Table structure 12. Creating a table using datasheet view 13. Primary key 14. Switching views 15. Manipulating the data 16. Relationship 17. Opening an existing access database	1. Create Database
Ch-3 Queries, forms and Report in Microsoft Access 2010	1. Introduction 2. Queries in Microsoft Access 3. Forms, Reports Microsoft Access	

**BLUE PRINT****TIME:- 2½ Hrs.****MAX. MARKS: 50**

<b>Chapter Name</b>	<b>MCQ/VSA (1 Marks)</b>	<b>Short Answer-I (2 Marks)</b>	<b>Short Answers-II (3 Marks)</b>	<b>Long Answers (5 Marks)</b>	<b>Total marks</b>	<b>Percentage(%) Weightage</b>
Ch-1 Introduction To Computer: Networking	2	1	1		07	14
Ch-2 Learn to use Microsoft Access 2010	4	2	2	1	19	38
Ch-3 Queries, forms and Report in Microsoft Access 2010	4	3	3	1	24	48
<b>Total</b>	<b>10x1=10</b>	<b>6x2=12</b>	<b>6x3=18</b>	<b>2x5=10</b>	<b>50</b>	<b>100</b>

## SUBJECT- ART EDUCATION

### CONTENT

- **STILL LIFE**

1. PROPORTION
2. DRAWING AND SHADING
3. DRAWING AND COLOURING
4. DRAWING BUILDINGS

- **NATURE DRAWING**

1. DRAWING AND COLOURING LEAVES
2. DRAWING AND COLOURING FLOWERS
3. DRAWING AND COLOURING TREES
4. DRAWING AND COLOURING BIRDS
5. LANDSCAPE
6. CITYSCAPE
7. DRAWING ANIMALS
8. DRAWING AND COLOURING ANIMALS

- **ART ACTIVITY**

1. ORIGAMI
2. CLAY MODELLING