

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

NAME OF THE BOOK: The English Connection
Self-Learning English Course with Activities

CHAPTER	CONTENT	ACTIVITY
<u>Course book</u> <u>Unit 1-Stories of School Days</u> L-1 Swami and his Father L-2 The Fun They Had L-3 The Geography Lesson <u>Unit 2- Glimpse of India</u> L-4 Festivals of India L-5 Rani Chennamma of Kittur L-6 In the Bazaars of Hyderabad <u>Unit 3-Bonds of Friendship</u> L-7 The Last Leaf L-8 A Secret for Two L-9 A Poison Tree <u>Writing Skills-</u> 1.Letter Writing 2.Message Writing 3.Notice <u>Grammar-</u> 1.Tenses 2.Noun 3.Articles 4.Verbs 5.The Sentence 6.Determiners 7.Subject and Predicate 8.Agreement with Verb Subject <u>Reading- Ch-</u> 4 – Huck is locked up 5– Huck gets Away. 6 – Life on Jackson’s Island, and a surprise 7 – Huck and Jim on Jackson’s island, 8 – “ The bad luck ‘s coming 9- Sarah Williams and George Peters. 10 –Huck fools two armed men and saves Jim. 11 – “There’s more bad luck coming” , 12 – Huck meets the Grangerfords, 13 – The Grangerfords and the Shepherdsons 14 – Huck helps Miss Sophia and finds Jim again	As per PT-1 syllabus <ul style="list-style-type: none"> ● New Vocabulary ● Comprehension and Composition ● Reference to the Context ● Pronunciations ● Phrases ● Finite and Non-Finite verbs 	- 1. How well do you know India? Look at the pictures and read the descriptions. Can you answer the questions? You could take help from the internet. (Pictures and descriptions are given in the book) 2. Work in groups; write the character sketches of Sue and Johnsy. List three character traits for each. Also write evidence from the story that demonstrates each of these traits. You may choose character traits from the box or add your own. (Traits are given in the book) 3. Chennamma tells us a lot about herself through her actions. Which words best describe her nature and character? Find evidence from the story you have read that demonstrates each of the traits. Then complete the graphic organizer. (graphic organiser is given in the chapter)

	Marks (1)	Marks (2)	Marks (5)	Marks (6)	Total Marks	% Percentage
<u>SECTION-A (20)</u> <u>READING SKILLS</u> Factual/descriptive Prose	12 8				12 8	25
<u>SECTION-B (30)</u> <u>WRITING SKILLS AND</u> <u>GRAMMAR</u> Notice/message writing Formal 1. Tenses 2. Noun 3. Articles 4. Verbs 5. The sentence 6. Determiners 7. Subject And Predicate 8. Agreement With Verb Subject			1 1		5 5 3 3 3 2 2 3 2 2	37.5
<u>SECTION – C(30)</u> <u>LITERATURE</u> Questions & answers Reference to the context Value added questions		7	2	1	14 10 6	37.5
TOTAL	40x1=40	7x2=14	4x5=20	1x6=6	80	100

विषय—हिन्दी

पाठ का नाम	क्रियाकलाप	दत्तकार्य
वसंत भाग-2 पाठ-1 हम पंछी उन्मुक्त गगन के पाठ-2 दादी माँ पाठ-3 हिमालय की बेटियाँ पाठ-4 कठपुतली पाठ-5 मिठाईवाला •फेरीवालों की आवाज़ें (पठन) पाठ-6 रक्त और हमारा शरीर (पठन) पाठ-7 पापा खो गए पाठ-8 शाम—एक किसान पाठ-9 चिड़िया की बच्ची (पठन) बाल महाभारत पाठ-11 से 20 तक व्याकरण लतिका पाठ-1 भाषा, लिपि और व्याकरण पाठ-2 वर्ण—विचार पाठ-3 संधि पाठ-4 शब्द—विचार पाठ-5 शब्द रचना: उपसर्ग, प्रत्यय और समास पाठ-6 संज्ञा पाठ-7 सर्वनाम अपठित अवबोध, पत्र और अनुच्छेद लेखन	संवाद—लेखन कौशल—लेखन कहानी श्रवण पर आधारित प्रश्नोंत्तर कहानी—पठन / लेखन (चिंतन तथा सृजनात्मक कार्य)	व्याकरण लतिका पाठ-1 भाषा, लिपि और व्याकरण पाठ-2 वर्ण—विचार पाठ-3 संधि पाठ-4 शब्द—विचार पाठ-5 शब्द रचना: उपसर्ग, प्रत्यय और समास पाठ-6 संज्ञा पाठ-7 सर्वनाम

प्रश्न-पत्र का स्वरूप

समय— 3 घंटे

पूर्णांक—80

क्रम संख्या	पाठ्यक्रमानुसार इकाईयाँ	इकाई पर आवंटित अंक	वस्तुनिष्ठ प्रश्न	अंकवार प्रश्नों की संख्या			कुल प्रश्न
			1 अंक	2 अंक	3 अंक	5 अंक	
1	अपठित अवबोध अ) गद्यांश	15	6	1	—	—	2
			5	1	—	—	
2	व्याकरण	20	5	6	1	—	12
3	साहित्य पाठ्यपुस्तक—वसंत भाग-2	25	7	6	2	—	3
4	सहायक पुस्तिका—बाल महाभारत	10	2	5	—	—	1
5	लेखन	10	—	—	—	2	2
	योग	80	23X1	19X2	3X3	2X5	20

विषय-संस्कृत

पाठ्यपुस्तकम् - रूचिरा

पाठ का नाम	क्रियाकलाप	दत्तकार्य
<p>रूचिरा पाठ-1 सुभाषितानि पाठ-2 दुर्बुद्धिः विनश्यति पाठ-3 स्वावलम्बनम् पाठ-4 हास्यबालकविसम्मेलनम् पाठ-5 पण्डिता रमाबाई पाठ-6 सदाचारः पाठ-7 सङ्कल्पः सिद्धिदायकः पाठ-8 त्रिवर्णःध्वजः</p> <p><u>व्याकरण</u> धातुरूप-पा , पच् , कृ , दृश (पाँचों लकारों में) शब्दरूप-पितृ , तत् मति (तीनों लिंगों में)</p> <p>वस्तुओं के नाम, गिनती 1से 60 तक, भारतीय वर्षानुसारं मासानां ऋतुनां च नामानि , प्रकृति-प्रत्यय , पद परिचय कण्ठस्थ श्लोक पत्र लेखन अपठित गद्यांश</p>	<p>सस्वर वाचन</p>	<p>अभ्यास पुस्तिका पाठ-1 से 8 तक <u>व्याकरण</u> वर्ण-विचार, शब्दविचारः धातुरूपाणि , सन्धिः , शब्दरूपाणि , धातुरूपाणि संख्यावाचकशब्दः</p>

प्रश्न पत्र का स्वरूप

समय—3 घण्टा

पूर्णांक—80

क्रम संख्या I	पाठ्यक्रमानुसार इकाईयाँ	इकाई पर आवृत्त अंक	अंकवार प्रश्नों की संख्या					कुल प्रश्न	
			1 अंक	2 अंक	3 अंक	4 अंक	5 अंक		7 अंक
1	अपठित अवबोधम्	10							1
2	रचनात्मकं कार्यम्	5					1		1
3	अनुप्रयुक्तम व्याकरण (30) धातुरूप शब्दरूप वस्तुओं के नाम भारतीय वर्षानुसारं मासानां ऋतुनां च नामानि ,प्रकृति—प्रत्यय ,पद परिचय कण्ठस्थ श्लोक गिनती 1 – 60 तक	5 7 2 4 3 3 4 2		2	2	2	1	1	8
4	पाठ्यपुस्तकम्(35) (रूचिरा) पाठ—1 सुभाषितानि पाठ—2 दुर्बुद्धिः विनश्यति पाठ—3 स्वावलम्बनम् पाठ—4 हास्यबालकवि सम्मेलनम् पाठ—5 पण्डिता रमाबाई पाठ—6 सदाचारः पाठ—7 सङ्कल्पः सिद्धिदायकः पाठ—8 त्रिवर्णः घ्वजः	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
Ch 1-Integers Ch 14-Symmetry	As per PT-1 syllabus	
Ch 2 - Fractions and Decimals	<ol style="list-style-type: none">1. Introduction,2. Proper and improper fraction,3. Addition, subtraction, multiplication, and division of fractions.4. Comparison of decimal numbers.5. Multiplication of decimal number and division of decimal numbers	To find out the product of two decimal numbers by using 10 X 10 grid.
Ch 3 - Data Handling	<ol style="list-style-type: none">1. Introduction2. Frequency distribution tables3. Measure of Central tendency4. Bar graph5. Double bar graph6. Probability	Prepare different 50 cards containing numbers 1 to 10 after choosing 5 different cards from these cards calculate mean, median and mode
Ch 5 - Lines and Angles Ch 6 - The Triangle and Its Properties	<ol style="list-style-type: none">1. Introduction2. Complementary angles, Supplementary angles, Vertically opposite angles3. Pairs of lines4. Checking for parallel lines <ol style="list-style-type: none">1. Introduction.2. Concept of median and altitude of a triangle.3. Exterior angle property of a triangle.4. Angle sum property of a triangle5. Pythagoras theorem for right angle triangle	To verify that when two lines intersect, the vertically opposite angles so formed are equal To verify sum of angles of a triangle is 180°
Ch 10 - Practical Geometry	<ol style="list-style-type: none">1. Introduction2. Construction of parallel lines,3. Construction of triangles	To obtain the relation between the exterior angle and interior angles.
Ch 13 - Exponents and Powers	<ol style="list-style-type: none">1. Introduction,2. Exponents3. Laws of exponents4. Miscellaneous example using the laws of exponents.	To find out the value of 2^3 by paper folding

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

S.No.	Name of the Chapters	Very Short Short 1 Marks	Short 2 Marks	Long 3 Marks	V.Long 4 Marks	Total Marks	Percentage (%) Weightage
1.	Ch-1 Integers	1	-	1	1	8	10
2.	Ch-2 Fraction and Decimal	1	1	2	1	13	16.25
3	Ch-3 Data Handling	1	1	2	1	13	16.25
4.	Ch-5 Line and Angles	1	1	2	1	13	16.25
5.	Ch-6The triangle and its properties	1	1	1	1	10	12.5
6.	Ch-10 Practical Geometry	-	-	1	1	7	8.75
7.	Ch-13 Exponents And Powers	1	1	1	1	10	12.5
8.	Ch-14 Symmetry	-	1	-	1	6	7.5
	Total	1x6=6	2x6=12	3x10=30	4x8=32	80	100

SUBJECT – SCIENCE

NAME OF THE BOOK: Science

CHAPTER	CONTENT	ACTIVITY	EXPERIMENT
CH-1 Nutrition In Plants. CH-3 Fibre To Fabric. CH-5 Acids, Bases And Salts. CH-6 Physical And Chemical Changes	As per P.T. 1 Syllabus.	—	—
CH-7 Weather, Climate And Adaptations Of Animals To Climate.	Classification/Properties Physical and Chemical changes; Application in daily life.	To study the type of change in making of volcano using baking soda and vinegar.	To study the conditions necessary for rusting.
CH-10 Respiration In Organisms.	Factors affecting climate and weather; Adaptations of different animals living in different terrestrial habitats. Respiration process in animals; Aerobic and anaerobic respiration; Respiration in plants.	Prepare a rain gauge using a scale and bottle. Crossword puzzle	— To study the effect of exhaled air on lime water.
CH-14 Electric Current And Its Effects.	Electric circuit symbols; Heating effect of current; Magnetic behavior of current carrying conductor; Working of an electric bell.	To make a lemon battery.	To show that a current carrying wire develops a magnetic field around it.
CH-15 Light	Rectilinear propagation of light; Real and virtual image; Laws of reflection; Characteristics of plane and curved mirrors.	To make a Newton disc using a CD.	To study the nature of images formed by curved reflecting surfaces.

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

S.No	Name Of The Chapter	V. V Short Answer (1 Mark)	Very Short Answer (2 Marks)	Short Answer (3 Marks)	Long Answers (5 Marks)	Practical Based Answer (2 Marks)	Total Marks	Percentage (%) Weightage
1	CH-1 Nutrition In Plants.		1	2			8	10
2	CH-3 Fibre To Fabric.		1	1		1	7	8.75
3	CH-5 Acids, Bases And Salts.				1	1	7	8.75
4	CH-6 Physical And Chemical Changes			1	1	2	12	15
5	CH-7 Weather, Climate And Adaptations Of Animals To Climate.			1	1	1	10	12.5
6	CH-10 Respiration In Organisms.	1		2	1		12	15
7	CH-14 Electric Current And Its Effects.	1		2	1		12	15
8	CH-15 Light		1	1	1	1	12	15
	Total	2X1=2	3X2=6	10X3=30	6X5=30	6X2=12	80	100

SUBJECT- SOCIAL SCIENCE**NAME OF THE BOOK:** Integrated Social Science

HISTORY	CONTENT	ACTIVITIES
Ch-1 The Medieval Period Ch-2 The Regional Kingdom-I Ch-3 The Sultanate Period. Ch-4 The Regional Kingdom-II Ch- 5 The Great Mughals	As per PT I syllabus. Five dynasties ruled during sultanate period i.e. Slaves, khailji, Tughlaq, Sayyids and Lodhis. Regional Kingdoms Arose in the fourteenth and fifteenth centuries.	- Make a Timeline of Sultanate Period. On an Outline map of India mark and Label - Delhi, Agra, Chittor, Jaunpur and Ajmer.
GEOGRAPHY		
Ch-1 The Environment Ch-2 Inside our Earth Ch-3 The Changing Earth Ch-4 Major Landforms Ch-5 Composition and Structure of Atmosphere. Ch- 6 Weather and Climate.	As per PT I syllabus. Distribution of Earth's surface and it's changes due to endogenic and exogenic forces. Formation of various Landforms. Envelope of Air and its Layers which surrounds the Earth. Various elements and determinants of weather and climate like Wind, Heat, Moisture and humidity.	- Make a Project of Disaster management - key points are - it's Causes, Effects and Precautions we Take. Make a well labelled diagram of different Layers of Atmosphere. Represent the strength of winds from absolute calm to hurricane with the help of Beaufort Scale devised by Sin Francis Beaufort.
CIVICS		
Ch-1 Democracy Ch-2 Pillars of Democracy. Ch-3 Democracy in Action. Ch-4 State Government.	As per PT I syllabus. Enlightened citizens, wise leadership, sound public opinion. Elections, Election campaigns, political parties and criterion for Democracy. Features and functions of the state legislature and state functionaries.	- Prepare an election manifesto for a hypothetical political party and design an election symbol as well.

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

S. No.	Name of the Chapters	Very Short Answer (1 Mark)	Short Answer (3 Marks)	Long Answer (5 Marks)	Total Marks	Percentage (%) Weightage
1	Ch-1 The medieval period	1	-	1	06	7.5
2	Ch-2 The regional kingdom I	-	1	-	03	3.75
3	Ch-3 The sultanate period	-	1	-	03	3.75
4	Ch-4 The regional kingdom II	-	-	1	05	6.25
5	Ch-5 The Great Mughals	-	1	-	03	3.75
6	Ch-1 Our Environment	1	1	-	04	5
7	Ch-2 Inside Our Earth	1	-	1	06	7.5
8	Ch-3 The Changing Earth	-	1	-	03	3.75
9	Ch-4 Major Landforms	-	1	-	03	3.75
10	Ch-5 Composition and the Structure of the Atmosphere	1	1	1	09	11.25
11	Ch-6 Weather and Climate	-	-	1	05	6.25
12	Ch-1 Democracy	-	1	-	03	3.75
13	Ch-2 Pillars of Democracy	1	2	-	07	8.75
14	Ch-3 Democracy in Action	1	-	1	06	7.5
15	Ch-4 State Government	1	1	1	09	11.25
6	Map Work (History)	2	-	-	02	2.5
7	Diagram (Geography)	-	1	-	03	3.75
	Total	9X 1 = 9	12 X 3 = 36	7X5=35	80	100

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

Chapter	Contents	Lab Activity
Ch-1	As per PT.1 syllabus	
Ch-2 More on MS Windows 8.1	<ol style="list-style-type: none">1. File explorer2. Libraries in windows 8.13. Changing view of files and folders4. Organizing file and folders in file explorer5. Creating shortcut on desktop6. Grouping files and folders7. On-screen keyboard8. CD burning	<ol style="list-style-type: none">1. Open file explorer. Create a new folder in Local disk(D:) and name it 'World'. Create two Ms word document files and name them 'continent.docx' and 'country.docx'. copy some files from 'document' to the folder world. Create a shortcut of the world folder on the desktop
Ch-3 More on Microsoft Excel 2010: Formulae and function	<ol style="list-style-type: none">1. Introduction2. Types of cell referencing3. Cell referencing to another worksheet4. Using functions5. Conditional formatting6. Sorting data7. Filtering data	<ol style="list-style-type: none">1. Function (sum, average, count, number, max and min)2. Text function3. Date and time function
Ch-4 Charts in Microsoft Excel 2010	<ol style="list-style-type: none">1. Introduction2. Components of a chart3. Types of charts in Microsoft Excel 20104. Creating Chart5. Sparkling Chart6. Changing data and text in a chart7. Deleting data and text in a chart8. Resizing and moving charts9. Printing charts	<ol style="list-style-type: none">1. Our atmosphere is a mixture of several gases. Create a pie chart using Ms Excel 2010

BLUE PRINT

TIME:- 2 Hrs.

MAX. MARKS: 50

Chapter Name	MCQ/VSA (1 Marks)	Short Answer-I (2 Marks)	Short Answers-II (3 Marks)	Long Answers (5 Marks)	Total marks	Percentage (%) Weightage
Ch -1 Introduction To Computer	2		1		5	10
Ch-2 More on MS Windows 8.1	2	2	2		12	24
Ch-3 More on Microsoft Excel 2010: Formulae and function	3	2	2	1	18	36
Ch-4 Charts in Microsoft Excel 2010	3	2	1	1	15	30
Total	10x1=10	6x2=12	6x3=18	2x5=10	50	100

SUBJECT- ART EDUCATION**CONTENT**

- **Still life**
 1. Drawing and guidelines
 2. Drawing and proportion
 3. Drawing and colouring fruits
 4. Drawing transport vehicles
 5. Drawing and colouring buildings
- **Nature drawing**
 1. Techniques of drawing
 2. Drawing and colouring flowers
 3. Sketching birds
 4. Drawing animals
 5. Drawing tree
 6. Landscape
 7. Ocean