



COLUMBIA FOUNDATION SCHOOL

D – Block, Vikas Puri, New Delhi - 110018

SYLLABUS : (2018-19)

Class – VII

Features & Guidelines

Complexity / Difficulty Level		
Level	Description	Notes
1	High (H)	Topic needs more attention
2	Medium (M)	Needs moderate attention
3	Easy (L)	Simple topic

- High Level of Difficulty implies more practice and parental guidance towards the topic.
- Classes for subjects like computer, Moral Science, General Knowledge, Drawing and Music are conducted once a week. Hence, the schedule is planned accordingly.
- In English, we have categorized the skills such as Reading, Writing, Vocabulary, Grammar, Speaking, and listening so that the child has a holistic approach towards the language.
- All the activities are relevant to the topic and are planned based on its difficulty level.
- Group activities will instill qualities such as teamwork, sharing and respecting others' opinion among the students.
- Most of the activities help to bridge the gap between theory and practical connecting the students to real life processes.
- Constant recapitulation of the topics helps in proper comprehension and retention of the concepts.
- All the activities in mathematics are designed to erase off fear from the minds of the learners towards the subject.
- Please refer to the syllabus before contacting us for any queries related to the syllabus.

ENGLISH

FA	Month	Reader	Grammar	Supplementary	Activity
I	Apr.	Unit-1: Environment Sec. 1: A True story about Ladybugs Sec.2: Adolf Sec.3: Written in the fields	L-4: Articles L-7: Verbs: Expression the Present L-31: Paragraph writing	Ch – 1	-
	May	Unit-1: Adventure Sec. 1: Jump Sec.2: Learn how to Climb Trees	L-8: Verbs: Expression the Past L-23: Words often Confused L-25: Synonyms & Antonyms	Ch - 2	-
II	July	Sec.3: The Glove and the Lions Unit 3: Animals Sec.1: The Boy and the Swallow Sec.2: A Tiger comes to Town Sec.3: The Circus Elephants	L-9: Verbs: Expression the Future L-10: Modals L-13: Adverbs L-34: Story Writing	Ch - 3,4	-
	Aug.	Unit4: Caring for others Sec1 : Journey by night Sec2 : A Christmas Carol Sec3 : Somebody's Mother	L-17: Phrases L-18: Clauses L-27: Reading Comprehension L-29: Letter Writing (Informal)	Ch – 5	Make a list of extinct & endangered animals & write the ways to take care of them.
SA-1	Sept.	Unit 5: Children & Adults Sec.-1 : Festival of Eid	Verbs: Expressing the Future Prepositions Diary Entry	Ch – 6	
III	Oct.	Sec.2: White Nice Sec.3: Incident of the French Camp. Unit 6: Games & Sports Sec.1: Lady of the Ring	L-14: Adjectives L-19: Sentences: Simple, Compound & Complex L-23: Words often Confused L-33: Biographical Sketches	Ch - 7	
	Nov.	Unit-5: Eureka Sec.1: Antiquated Sec.2: The Time Machine Sec.3: Wilbur Wright and Orville Wright	L-12: Active & Passive Voice L-14: Conjunctions L-17&18: Phrases and Clauses L-29: Letter Writing (Formal)	Ch- 8	
IV	Dec.	Sec-2: The Adventure of the Three Students Unit-6:Sweet Mystery of Life Sec-3: Miracles Unit-8: People Sec.: It's a Wonderful Life	L-5: Relative Pronouns L-16: Direct & Indirect Speech L-32: Writing Notices	Ch – 9	Paste the pictures of famous personalities who worked for the benefit betterment of humanity, & write about them and their achievements.
	Jan.	Sec.2: Mother Teresa Sec.3: People	L-24: Words followed by Appropriate Prepositions L-27: Reading Comprehension L-31: Paragraph Writing	-	
SA-2	Feb	Revision			

MATHS

Book: NCER

FA	Month	Topic	Activity
FA-1	Apr.	Ch-1: Integers	-
	May	Ch-2: Fraction and Decimals	• Multiplication of Fraction
FA-II	July	Ch-5: Lines & Angles Ch-9: Rational Numbers	-
	Aug.	Ch- 13: Exponents & Powers Ch- 12: Algebraic Expressions	-
SA-1	Sept.	Ch- 12: Contd.... Algebraic Expression	-
FA-3	Oct.	Ch- 6: The Triangles & its Properties Ch-10: Practical Geometry (in Sep.)	• Angle sum property of triangle
	Nov.	Ch- 8: Comparing Quantities	-
FA-4	Dec.	Ch-7: Congruence of Triangle Ch-11: Perimeter & Area	-
	Jan.	Ch-4: Simple Equation	-
SA-2	Feb.	Ch-3: Data Handling	-

SCIENCE

FA	Month	Topic	Activity
I	Apr.	L-1: Nutrition in Plants L-2: Nutrition in Animals	• Collect various food items & label them as animals and plants products.
	May	L-4: Heat L-5: Acids, Bases & Salts	-
II	July	L-13: Motion & Time L-9: Soil L-10: Respiration in Organisms	• Make a sundial using the concepts of time and motion
	Aug.	L-14: Electric current and its effect L-12: Reproduction in Plants	• Make an electric fuse.
SA-1	Sep.	L-6: Physical and Chem. Changes	-
III	Oct.	L-11: Transportation in Animals & Plants L-16: Water : A precious resources	-
	Nov.	L-14: Electric current and its effects L-17: Forest our lifetime	• Make an electric circuit using waste products
IV	Dec.	L-15: Light L-7: Weather, climate and adaptation	• Make a circular disk with seven colour (Newton's disc)
	Jan.	L-8: Winds, storms & cyclones L-18: Waste water story	-
SA-2	Feb.	Revision	-

हिन्दी

FA	माह	वसंत	व्याकरण आनंद	महाभारत	गतिविधियाँ
FA-1	अप्रैल	1. हम पंछी उनमुक्त गगन के 2. दादी माँ 3. हिमालय की बेटियाँ	1. भाषा, लिपि और व्याकरण 2. वर्ण-विचार 3. शब्द विचार विलोम शब्द (शुद्ध-गत) पर्यायवाची (1-20) अनेकार्थी (1-20)	1. आदि-पर्व	
	मई	4. कठपुतली 5. मिठाईवाला	4. वाक्य पाठ-21 (1-20) पत्र, अनुच्छेद, निबंध	2. सभा-पर्व	'कठपुतली' किसका प्रतीक है? कुछ ऐसे व्यवसायों का वर्णन कीजिए जो महिलाओं को स्वावलंबी बनाते हैं।
FA 2	जुलाई	6. रक्त ओर हमारा शरीर 7. पापा खो गए	5. संज्ञा 6. लिंग 7. वचन 8. कारक विलोम (दिवस-राजा) पर्यायवाची (21-40)	3. वन-पर्व	
	अगस्त	8. शाम-एक किसान 9. चिड़िया की बच्ची 10. अपूर्व अनुभव	9. सर्वनाम 10. विशेषण 11. क्रिया 12. काल पाठ-21 (21-40) पाठ-23 (1-15)	4. विराट-पर्व 5. उद्योग-पर्व	
SA1	सितम्बर	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	
FA3	अक्टूबर	11. रहीम के दोहे 12. कंचा 13. एक तिनका	13. अविकारी शब्द 14. उपसर्ग और प्रत्यय 15. संधि	6. भीष्म-पर्व	
	नवंबर	14. खानपान की बदलती तस्वीर 15. नीलकण्ठ	16. समास 17. विराम चिह्न विलोम (अल्पायु-शिक्षित) पर्यायवाची (41-60)	7. द्रोण-पर्व	
FA 4	दिसंबर	16. भोर और बरखा 17. वीर कुँवर सिंह 18. संघर्ष के कारण मैं तुनुकमिजाज हो गया : धनराज	18. शब्द तथा वाक्य संबंधी अशुद्धियाँ 25. मुहावरे और लोकोक्तियाँ अनुच्छेद, निबंध	8. वर्ण-पर्व 9. शल्य-पर्व 10. सौप्तिक-पर्व 11. स्त्री-पर्व	सन् 1857 के आंदोलन में भाग लेने वाले किन्हीं चार सेनानियों के विषय में चित्र सहित एक-एक अनुच्छेद लिखिए।
	जनवरी	19. आश्रम का अनुमानित व्यय 20. विप्लव-गायन	पर्यायवाची (61-80) पाठ-21 (41-60) पाठ-22 (21-40) पाठ-23 (16-23) पाठ-24 (1-12) संवाद, पत्र	12. शांति-पर्व 13. अनुशासन-पर्व 14. अश्वमेघ-पर्व 15. आश्रमवासिक-पर्व 16. मौसल-पर्व 17. प्रास्थनिक-पर्व 18. स्वर्गारोहण-पर्व	
	फरवरी	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति	

संस्कृत पाठ्यक्रम

माह	धीमहि	व्याकरण	गतिविधियाँ
अप्रैल	1. आत्मविश्वास: 2. बीरबलस्य बुद्धिकौशलम्	1. चित्रवर्णन 2. अपठित गद्यांश 3. मुनि (शब्द रूप) 4. पठ् धातु (लङ् लकार)	लघुवाक्य निर्माण
मई	3. स्वास्थ्य लाभ:	1. पठ् धातु (लट्, लोट्, लृट्, लङ्) लकार 2. संख्या (1-10)	
जुलाई	4. हितकराणि वयम् 5. अमृतधारा 6. व्यावहारिकं संस्कृतम्	1. पत्र 2. पठ् धातु (पाँचों लकारों में) 3. साधु (शब्द रूप) 4. अव्यय (1-5)	5 सूक्तियाँ लिखिए
अगस्त	6. व्यावहारिकं संस्कृतम् 7. मौक्तिकानि	1. अस्मद् (शब्द रूप) 2. संख्या (11-20) 3. अपठित गद्यांश	
सितम्बर	पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
अक्टूबर	8. मनोरमा प्रभातवेला 9. जनमदिवसोत्सवः	1. किम् (पुल्लिङ्ग.) शब्द रूप 2. लिख् धातु 3. संख्या (21-30)	'प्रति, सह, कुप्, नमः बहिः' इस उपपद विभक्तियों के वाक्य बनाइए।
नवंबर	10. उद्बोधनम् 11. सुधा-रसम्	1. किम् (स्त्रीलिङ्ग.) शब्द रूप 2. गम् धातु 3. संख्या (31-40) 4. अव्यय (6-10)	
दिसंबर	12. सरलं सम्भाषणम् 13. सौहृदम्	1. किम् (तीनों लिङ्गों में) 2. प्रत्यय (कत्वा) 3. पत्र 4. संख्या (41-50)	
जनवरी	14. नीति सौरभम्	1. सन्धि 2. तुमुन् अव्यय 3. उपपद विभक्तिः	नीति-श्लोक अर्थ सहित याद कीजिए।
फरवरी	पुनरावृत्ति	1. चित्र वर्णन 2. अपठित गद्यांश 3. पत्र	पुनरावृत्ति

SOCIAL SCIENCE

FA	Month	Topic	Activity
I	Apr.	H-1: When, Where, & How G-1: Environment in its totality C-1: Democracy & the need for it C-2: Institutional Representation of Democracy	Write the names of at least 5 National and 5 regional parties along with their symbols.
II	May	H-2: New Kings & Kingdoms G-2: Inside our Earth H-3: Kingdoms of the South	-
	July	H-4: The Delhi Sultanate C-3: The State Government G-4: Air	-
	Aug.	H-8: Social Change: Mobile & Settled Communities G-3: Our Changing Earth C-5: Unpacking Gender	Map skill – on the map of India mark two states hit by : a). Earthquakes b). Floods c). Cyclones
SA-1	Sept.	H-5: The creation of an empire G-6: Natural Vegetation & Wildlife C-6 & 7: Markets Around Us & The Journey of a Shirt	-
	Oct.	H-10: Flowering of Regional Cultures G-5: Water	-
III	Nov.	H-9: Popular Beliefs and Religion G-8: Human Environment Interactions G-10: Life in the Deserts	Prepare a social advertisement in group on any cause of your choice.
IV	Dec.	C-4: Media and Democracy G-7: Human Environment Settlement, Transport and Communication H-11: New Political Formations in 18 th Century	Map Skill: Mark different states formed in the 18 th Century on the political map of India.
	Jan	G-9: Life in the Temperate Grasslands G-8: Struggle for Equality	Map Work: On an outline map of world mark temperate grasslands.
SA-2	Feb	H-6 The Architecture :Forts & Sacred Places	Revision

* Note : 1. G- Geography 2. H- History 3. C- Civics

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FA	Month	Topic	Activity
FA- I	Apr.	General L-1: Lighten up – You live only once L-2: Hunt for happiness L-3: Childhood friendship L-4: Body VIBGYOR L-5: Try something new L-6: Sweet Treat L-7: Food Adulteration L-8: Healthy Eating Quiz L-9: Call the Doctor L-10: How Healthy are you L-11: Yoga	<ul style="list-style-type: none"> • Collect information on food adulteration and how can be it prevented. Paste related pictures in note book.
	May	Environment L-12: Vinegar Volcano L-13: Being Environment friendly L-14: The Green World L-15: Self Ability L-16: Life Beyond Humans Sea life, Jungle life, Sky life L-17: Dedicated Dads	<ul style="list-style-type: none"> • Scholar Test – I • Collect information about Swachh Bharat Abhiyan and pen down it in Notebook alongwith pictures.
FA-II	July	Indian Scenario L-20: Indian's Achievements L-21: Money Matters L-22: What Occurred When? L-23: First Occurrence L-24: The Diversity of Languages L-25: The Cultural Mix of Paintings L-26: Crafted with Excellence L-27: Intricate Embroidery L-28: Wonders of India L-29: The Unforgettable – the Educationists, Scientists The Political Leaders L-30: Self Ability L-31: Medicinal Trees	<ul style="list-style-type: none"> • Paste five wonders of India and pen down 5 lines on each in notebook.
	Aug.	L-32: The Revolutionary Legends L-33: Our Defenders L-34: Makers and Shapers L-35: Children who made it Big Universal Scenario L-37: Amazing places Around the World L-38: Spotlight on South America L-39: Outstanding Personalities L-40: Little Known Facts About Thomas Edison L-41: Ides Behind Great Inventions L-42: Who Did it? L-43: The Woman Reformers	<ul style="list-style-type: none"> • Collect the information about women reformers and pen down information in notebook and paste related pictures. • Write a short note on South America
SA1	Sept.	L-44: The East While Nations L-45: Where in the World L-46: Exploring New Horizons	-

FA-III	Oct.	L-47: Books Sports L-48: Self Ability L-49: Sports & Sports Personalities L-50: Lost Game- Kho -Kho	<ul style="list-style-type: none"> • Write 8 lines on your favourite sports personality • Scholar test - II
	Nov.	L-51: Can you Compute? L-52: Companies and Their Names L-53: Amazing Roller Coasters L-54: Magic World	<ul style="list-style-type: none"> • Paste 5 logos of Companies. Write their founder, their product.
	Dec.	L-55: Time to Celebrate L-56: Income and Expense L-57: Mental Floss L-58: Brain Teasers L-59: Wise Saying	<ul style="list-style-type: none"> • Scholar Test - III.
	Jan.	New Letter	<ul style="list-style-type: none"> • Write an article about the topics covered in news letter (any two). Take help from newspaper – mention the paper, date.
	Feb.	Revision	-

Computer - VII

FA	Month	Topic	Activity
I	Apr	Ch-1: How Computer Works	Worksheet: Understanding machine languages Practical: Learning various kind of software
	May	Ch-2: More on Operating system Ch-3: Knowing mail merge	Worksheet: Understanding various OS. Practical: Creating an invitation card & using a concept of mail merge
II	July	Ch-4: More on Ms-Excel	Worksheet: Entering data into Excel sheet Practical: Using formulas of Excel
	Aug	Ch-5: Data Analysis with MS Excel	Practical: learning formulas in excel
T1	Sep	Ch-6: Introduction to HTML	Practical: Learning basic website designing
III	Oct	Ch-7: HTML: Text Formatting	Project: Learning concepts of various tags in HTML
	Nov	Ch-7: Contd.	Practical: Learning image insertion & link insertion
IV	Dec	Ch-8: Animation with adobe flash	Practical: Learning basic uses of Flash
	Jan	Ch-9: Introduction to Adobe Photoshop	Project: Using Photoshop editing images
T2	Feb	Ch-10: Knowing Computer Virus	Project: Learning concept of various kind of viruses.

ARTS & CRAFT

Term	Month	Art	Craft
Term – I	Apr. - May	<ul style="list-style-type: none"> • Introduction of colours • Elements of art • Colour tone 	<ul style="list-style-type: none"> • Waste material collage • Photo collage • Paper collage
	July - Aug.	<ul style="list-style-type: none"> • Drawing tool • Colour theory • Still life 	<ul style="list-style-type: none"> • Canvas painting
	Sep.	<ul style="list-style-type: none"> • Perspective view • Step drawing 	<ul style="list-style-type: none"> • T-shirt painting
Term - III	Oct. - Nov.	<ul style="list-style-type: none"> • Portrait • Henna & tattoo art • Awareness poster 	<ul style="list-style-type: none"> • Canvas rangoli • Tea light
	Dec. - Jan.	<ul style="list-style-type: none"> • Human anatomy • Geometrical composition • Folk & tribal art 	<ul style="list-style-type: none"> • Table cloth designing
	Feb.	Different styles of calligraphy.	<ul style="list-style-type: none"> •