

BAL BHARATI PUBLIC SCHOOL

SEC-12, DWARKA

An Institution of Child Education Society (Regd.)



SYLLABUS

2016-2017

CLASS: VII

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ENGLISH**LEARNING OBJECTIVES**

1. To enable the learner to communicate effectively & appropriately in real-life situations.
2. To enable the learner to be able to respond in discussions and writing, using, literal and interpretative stances to works of fiction and non-fiction.
3. To enable the learner to engage critically and constructively in oral exchange of ideas.
4. To make the learner understand, appreciate and enjoy the learning of English language.

TEXT BOOKS

1. Course Book –**New Images-7**-Pearson & Longman
2. Literature Reader- **New Images-7**- Pearson & Longman
3. Work Book - **New Images-7**- Pearson & Longman
4. Supplementary Reader – **At School with Ruskin Bond** – Ratna Sagar

Month	No. of Working Days	Course Content
April	21	CB & Workbook: Lesson 1- The Hunt Lesson 2 – The Brook (Poem) Literature Lesson 1 –The Eye of the Eagle Lesson 3 – Fagin’s School Grammar Tenses, Articles and Determiners, Basic Grammar Writing Notice ,Letter (Informal)
May	16	CB & Workbook: Lesson 7- The Ingenious Scientist Lesson 3- The Boy with a Catapult Literature Lesson 2 –The Fog (Poem) Grammar Verb & Jumbled Sentences. Writing Message, Letter (Formal)
July	22	CB & Workbook: Lesson 4- On the Grass Hopper and Cricket (Poem) Lesson 9- A Helping Hand Literature Lesson 5 –The Escape from Chateau d If Lesson 4 – The Listeners (Poem) Grammar Punctuation & Agreement of Verb with Subject. Writing Diary Entry, Letter (Formal)
August	22	CB & Workbook: Lesson 5- The Call for Silence Over the Sea Lesson 6 – Somebody’s Mother (Poem)

		<p>Literature Lesson 10 –A Visit to The Doctor Lesson 6 - Where The Mind Is Without Fear (Poem)</p> <p>Grammar Voice Change, Prepositions, Conjunctions & Editing</p> <p>Reading Unseen Poem, Speech</p>
September	23	<p>CB & Workbook: Lesson 10- Mystical Japan Lesson 8 - Just Me (Poem)</p> <p>Literature Lesson 7–Memories of The Childhood Lesson 9 – Stopping by Woods On a Snowy Evening (Poem)</p> <p>Grammar Omission, Editing</p> <p>Writing Article Writing, Creative Writing</p>
October	18	<p>CB & Workbook Lesson 11 –The Muller of the Dee (Poem) Lesson 12 – The Face On the Wall</p> <p>Literature Lesson 8– The Citation (Poem)</p> <p>Writing Report, Notice</p> <p>Grammar Reported Speech</p> <p>Reading Unseen Passage</p>
November	22	<p>CB & Workbook: Lesson 13- Macavity, The Mystery Cat Lesson 14 – Music and Immortality</p> <p>Literature Lesson 11 - The Retrieved Reformation Lesson 14 – The Rose On the Mountain (Poem)</p> <p>Grammar Kinds of Sentences (Simple, Compound and Complex)</p> <p>Writing Letter (Application)</p>
December	23	<p>CB & Workbook: Lesson 15- The Most Important Days Lesson 16 – Wandering Singers (Poem)</p> <p>Literature Lesson 13 –On The Run Lesson 12 – Weathers (Poem)</p> <p>Grammar Idioms and Phrases, Modals</p> <p>Writing Report And Article (Revision)</p>
January	14	<p>CB & Workbook: Lesson 17- Tom Sawyer</p> <p>Literature Lesson 15 –The Chocolate Cream Soldier</p>

		Grammar Editing and omission (Revision) Writing Speech (Revision)			
February	21	Revision - All Topics			
TERM 1	FA 1	Topic	Tool	Indicators Of Assessment	Marks Allocated
		Create a story of your own which has elements of surprise and mystery.	Project	Creativity Presentation Research	4 3 3
		Writing a Biography	Interdisciplinary Project (Individual)	Presentation Content Research	4 3 3
		Declamation (Speaking Skill) Topic- Increasing incidences of bullying in schools.	Activity no.10 (Value Based)	Presentation Content Confidence	4 3 3
	FA 2	Literature Lesson 1 –The Eye of the Eagle Lesson 2 –The Fog (Poem) Lesson 3 – Fagin’s School Grammar Basic Grammar, Tenses, Articles, Determiners and Jumbled Sentences Writing Notice, Message And Letter (Informal)			
	SA 1	MCB & Reader 1. The Eye of the Eagle 2. The Brook 3. The Fog 4. The Boy with the Catapult 5. The Escape from Chateau d If 6. The Listeners 7. The Call of Silence over the Sea. 8. A Helping Hand. 9. Fagin’s School Workbook All chapters from MCB & Reader as prescribed for SA1 Grammar Basic Grammar, Articles & Determiners, Tenses, Verbs, Agreement of the Verb with the Subject, Punctuations’, Voice-Change, Editing and Jumbled Sentences. Writing skill 1. Letter writing 2. Notice writing 3. Message writing 4. Diary writing 5. Speech writing			

TERM 2		Reading skill 1. Unseen passage 2. Unseen poem			
	FA 3	Topic	Tool	Indicators Of Assessment	Marks Allocated
		Design a poster on a Ballad	Group Project	Research Content Presentation	4 3 3
		Group Discussion On Supernatural Occurrence	Interdisciplinary Project	Confidence Content Research	4 3 3
		Character Sketch/Enactment	Activity (Individual)	Content Confidence Presentation	4 3 3
	FA 4	Literature Lesson 8– The Citation (Poem) Lesson 11 - The Retrieved Reformation Lesson 14 – The Rose On the Mountain (Poem) Grammar Kinds of Sentences(Identification), Reported Speech Writing Speech, Report			
	SA 2	MCB & Reader 1. Mystical Japan 2. Memories of Childhood 3. Stopping by Woods in a Snowy Evening 4. The Citation 5. The Retrieved Reformation 6. The Rose on the Mountain 7. Music and Immortality 8. The Muller of the Dee 9. Tom Sawyer 10. The Chocolate Cream Soldier Workbook All chapters from MCB & Reader as prescribed for SA2 Grammar Basic Grammar, Voice-Change (Making Preparation), Editing, Omission, Reported Speech (Conversation Based), Idioms & Phrases, Modals and Kinds of Sentences (Simple, Complex, Compound). Writing skill 1. Letter writing(Formal) 2. Notice writing 3. Message writing 4. Report writing 5. Article writing 6. Speech Writing Reading skill 3. Unseen passage 4. Unseen poem			

SUGGESTIONS TO PARENTS

1. Parents must encourage their wards to inculcate the habit of reading the newspaper daily.
2. They should also encourage them to read books for example (Hardy Boys, Series of Harry Potter, David Copperfield etc.)
3. Parents should encourage their wards to write book reviews of the books that they read.
4. Parents should try to converse in English with their wards.

ACTIVITIES RECOMMENDED

1. The students will be asked to indulge in creative writing like writing poetry etc.
2. The students will be encouraged to read beautiful stories of Shakespeare and they will also be encouraged to write book reviews for the same.

MATHEMATICS**LEARNING OBJECTIVES**

1. To develop good understanding of the basic concepts of maths.
2. To develop skills of applying these concepts.
3. To relate and practice these concepts in everyday situations of life.
4. To enrich students' reasoning and visualization skills.
5. To provide students a deeper comprehension of the subject.

TEXT BOOKS

1. Mathematics – A Text Book for Class VII (NCERT)
2. Activity Lab Manual – VII
3. Maths Exemplar – VII

Month	No. Of Working Days	Course Content
April	21	Chapter 1: Integers Chapter 3: Data Handling Activity – 5
May	16	Chapter 2: Fractions and Decimals Activity – 1
July	22	Chapter 2: Fractions and Decimals (contd.) Chapter 4: Simple Equations Chapter 5: Lines and Angles Activity – 2,3
August	22	Chapter 6: The Triangle and its Properties Chapter 8: Comparing Quantities Activity – 8,9
September	23	Chapter 14: Symmetry Activity based on symmetry
October	18	Chapter 13: Exponents and Powers Activity – 7
November	22	Chapter 9: Rational Numbers Chapter 11: Perimeter and Area Activity – 10
December	23	Chapter 11: Perimeter and Area(contd.)

		Chapter 7: Congruence of Triangles Activity – 11			
January	14	Chapter 10: Practical Geometry Chapter 12: Algebraic Expressions Activity – 4			
February	21	Chapter 15: Visualizing Solid Shapes			
TERM 1	FA 1	Topic	Tool	Indicators of Assessment	Marks Allocated
		1. Integers 2. Data Handling	Assignment from Exemplar	Problem solving (1/2 mark for each correct answer)	10
		Integers	Project	Presentation Relevance of Content Viva	4 3 3
		Activity Manual+ Value based activity	Activity done in April	Origami Content & presentation	5 5
	FA 2	Chapters -2, 3			
	SA 1	Chapters: 1, 3, 4, 5, 6, 8			
TERM 2	FA 3	Topic	Tool	Indicators of Assessment	Marks Allocated
		1. Exponents & Powers 2. Rational numbers	Assignment from Exemplar	Problem solving (1/2 mark for each correct answer)	10
		Symmetry	Project	Presentation Relevance of Content Viva	4 3 3
		Activity Manual+ Value based activity	Activities done in September & October	Origami Content & presentation	5 5
	FA 4	Chapters -9, 11			
	SA 2	Chapters: 7, 10, 11, 12, 13, 14, 15			

LIST OF ACTIVITIES

1. To find the process of multiplication of fractions.
2. To understand that the corresponding angles are equal by activity method.
3. To verify the properties of angles formed when a transversal line intersects two parallel lines (Alternate interior angles are equal and Co-interior angles are supplementary).
4. To find the centroid of a triangle by paper folding.
5. To find out the sum of the three angles of a triangle.
6. To verify that the exterior angle of triangle is equal to the sum of interior opposite angles.
7. To verify that in a triangle, if two sides are equal, then the angles opposite to equal sides are also equal.
8. To verify that a triangle can be drawn only if sum of the lengths of any two sides is greater than the third side, using broom sticks.

- 9 To verify that in a right angled triangle, the square of the hypotenuse is equal to the sum of the squares of other two sides.
- 10 To determine the value of Pi (π) by activity method.
- 11 To derive the formula of area of a parallelogram.

SUGGESTIONS TO PARENTS:

1. Motivate your child to read books on logical thinking and reasoning.
2. Encourage your child to participate in competitive exams like Maths Olympiad.

SCIENCE

LEARNING OBJECTIVES

1. To provide the child with the basic scientific concepts and skills needed to tackle everyday situations.
2. To enable children to examine, analyze and relate the content to everyday experiences.
3. To develop the child's thinking and reasoning ability.
4. To pursue assumptions to their logical conclusion.
5. To develop scientific thirst and attitude.
6. To develop the spirit of inquisitive learning and the spirit of exploration.

TEXT BOOKS

1. Living Science – Science and Technology (Ratna Sagar Publications)
2. Science Lab Manual - VII

Month	No. of Working Days	Course Content
April	21	Ch. 1: Nutrition in Plants Ch. 2: Nutrition in Animals Lab Activity1: To show that chlorophyll is necessary during photosynthesis. Lab Activity 12: To study different types of Human Teeth.
May	16	Ch. 3: Structure of matter Lab Activity 2: To compare the properties of compounds (Iron Sulphide) and mixture (Iron Fillings and sulphur)
July	22	Ch. 7: Acids, Bases and Salts. Lab Activity 9: To prepare an indicator using turmeric. Lab Activity 10: To study the action of acids with carbonates and bicarbonates. Ch. 17: Electric current and its Effects.
August	22	Ch. 17: Electric current and its Effects. (contd.) Lab Activity6: To make an electromagnet Ch. 11: Respiration
September	23	Ch. 11: Respiration (contd.) Ch. 16: Light (up to spherical mirrors) Lab Activity 3: To study the formation of images by a concave mirror.

October	18	Ch. 12: Transportation of materials in Plants and Animals. Lab Activity11: To study different kinds of plants and their characteristic features			
November	22	Ch. 8: Physical and chemical changes. Lab Activity4: To prepare a base. Ch. 5: Heat and its Effects.			
December	23	Ch. 5: Heat and its Effects(contd.) Lab Activity7: To show that solids expand on heating. Ch. 6: Flow of heat			
January	14	Ch. 6: Flow of heat (cont.) Lab Activity8: To show convection currents of water. Ch. 14: Motion and Time (Measurement & Speed) Ch. 13: Reproduction in Plants (asexual reproduction).			
February	21	Ch. 13: Reproduction in Plants. (contd.) Lab Activity 5: To observe (i) Budding in yeast (ii) Spore formation in Fungi Revision of All Topics			
TERM 1	FA 1	Topic	Tool	Indicators Of Assessment	Marks Allocated
		Ch. 3	Activity	Creativity & Presentation Relevance & Observation	5 5
		My Future .	Project. (VALUE BASED)	Creativity& Relevance Level of interaction Viva Voce	4 3 3
		Lab Activity 1 and 12	Lab Manual	Practical Work Record of Observation Viva Voce	2 2 1 (for each act.)
	FA 2	Chapters 1,2 and 3			
	SA 1	Chapters : 3, 7, 11 and 17			
TERM 2	FA 3	Topic	Tool	Indicators Of Assessment	Marks Allocated
		Ch. 12	Activity	Creativity & Presentation Relevance & Observation	5 5
		Helping others	Project (VALUE BASED)	Creativity& Relevance Level of interaction Viva Voce	4 3 3
		Lab Activity 3 and 4	Lab Manual	Practical Work Record of Observation Viva Voce	2 2 1

				(for each act.)
FA 4	Chapters: 12 and 16			
SA 2	Chapters: 5, 6, 8, 13 and 14			

SUGGESTIONS TO PARENTS

1. Motivate your child to read good Books like science magazines etc.
2. Encourage your child to participate in the competitive exams like science Olympiad.
3. Help your child to do simple experiments at home.
4. Devote sufficient time to your child to know his interests better.

SOCIAL SCIENCE

LEARNING OBJECTIVES

1. To promote creativity, critical perspective and enable students to draw relationships between past and present.
2. To explain the relationship between natural environment and human habitation.
3. To understand the vision and the values of the constitution.
4. To stimulate the child's interest in the socio-political and geographical aspects of the country and the world.

TEXT BOOKS

1. Footprints Integrated Social Science - Past, Planet and Society by Macmillan
2. Work book – Footprints: Our Past, Planet and Society by Macmillan

Month	No. Of Working Days	Course Content
April	21	History - Ch.3: The Delhi Sultanate Civics - Ch.24: Democracy Geography - Ch.11: Our Environment Workbook – Ch. 3, 24
May	16	Geography Ch. 11: Our Environment (contd.) Workbook – Ch. 11
July	22	Civics- Ch.26: How do State Governments work? History - Ch. 4: The Mughal Empire Geography - Ch.12: Understanding the Earth Workbook – Ch. 4, 12, 26
August	22	Geography - Ch.13: Earth Movements and major Landforms Civics - Ch. 29: Advertising Workbook – Ch. 13, 29
September	23	History - Ch.6 Towns, Traders and people Geography - Ch.15: The Atmosphere Geography - Ch.17: The Hydrosphere Workbook – 6, 15, 17

October	18	Civics -Ch.30: Unpacking Gender Workbook – Ch. 30			
November	22	History- Ch.10: New Political Formations in the Eighteenth Century Workbook – Ch. 10			
December	23	Geography - Ch.18: Natural Vegetation and Wildlife Civics- Ch.31: Markets around Us Workbook – Ch. 18, 31			
January	14	Geography - Ch.19: Human Settlements Workbook – Ch. 19			
February	21	Revision and Map Work			
TERM 1	FA 1	Topic	Tool	Indicators Of Assessment	Marks Allocated
		Ch.3, 11 and 24	Map Activity	Labeling Correct answers	5 5
		Responsible Citizenship through “Pros and Cons of Democracy “	Group Project (value based)	Content Presentation Viva -voce	4 3 3
		Workbook	Two Activities done in the month of April	Content Accuracy	5 5
	FA 2	History Ch- 3 Civics Ch- 24 Geography Ch- 11			
	SA 1	Chapters: 4, 11, 12, 13, 26 and 29			
TERM 2	FA 3	Topic	Tool	Indicators Of Assessment	Marks Allocated
		Ch. 15 and 17	Map Activity	Labeling Correct answers	5 5
		Sustainable Development through project on Water Conservation	Group Project (Value Based)	Content Presentation Viva -voce	4 3 3
		Workbook	Two Activities done in the month of November	Content Accuracy	5 5
	FA 4	History Ch- 6 Civics Ch- 30 Geography Ch.- 15			
	SA 2	Chapters: 10, 17, 18, 19, 30 and 31			

SUGGESTIONS TO PARENTS:

1. Develop a sense of equality and humanity in your child.
2. Encourage your child to read newspaper daily so that he/she can keep himself/herself abreast with the current affairs.
3. To encourage the child for regular revision and written practice.

COMPUTER SCIENCE**LEARNING OBJECTIVES**

1. To familiarize students with the basics of Computers.
2. To develop basic skills of using tools for information representation and processing.
3. To use information processing tools for enhancing productivity and quality.
4. To develop habit of teamwork, structure presentation and abide by ethical principles of computing.
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TEXT BOOK

1. Gateway to Windows (7)-Navdeep Publications
2. Gateway to Windows Workbook (7)- Navdeep Publications

Month	No. Of Working Days	Course Content
April	21	L4 - Learning HTML
May	16	L5 - Lists and Images in HTML
July	22	L6- More on Flash
August	22	L6- More on Flash
September	23	L7- Working with Buttons and Movie Clips
October	18	L7- Working with Buttons and Movie Clips
November	22	L2- Functions and Manipulation in Excel
December	23	L2- Functions and Manipulation in Excel
January	14	L3- Charts in Excel
February	21	L8- Internet Applications and Cyber Safety
	SA1	L- 4, 5 and 6 <u>Project work (Value Based)</u> Create animation clip in Flash on the topic "Save Water or Save Energy"

	SA2	L - 2, 3, 7 and 8 <u>Project work (Value Based)</u> Create tip cards for children on “How to use Internet safely”.
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GENERAL KNOWLEDGE

LEARNING OBJECTIVES

1. To develop creative thinking.
2. To make students aware and responsible.
3. To motivate and develop reading habit.
4. To develop logical and reasoning skills.
5. To enhance mental calculation and accuracy.

TEXTBOOK: New Brain Booster for Class VII (Vision Publications)

Month	No. of Working Days	Course Content
April	21	1.PAGES:9, 10, 11, 12, 13,14, 15, 2. Paste headlines of the month of April in the Newspaper Register with Dates 3.OTBA Passage from Newspaper, Mental and Logical Reasoning practice
May	16	1. PAGES: 16, 17,18,19,21, 22, 23, 2.Paste the headlines of the month of May with Dates 3. OTBA Passage from Newspaper, Mental and Logical Reasoning Practice
July	22	1. PAGES: 24,25, 26, 27,28,29,30, 2. Paste all the headlines of July with dates 3. OTBA Passage from Newspaper, Mental and Logical Reasoning Practice
August	22	1. PAGES: 31,33,34,35,36,40 2. Paste all the headlines of July with dates 3. OTBA Passage from Newspaper, Mental and Logical Reasoning Practice
September	23	1. PAGES: 41,42,43 2. Paste the headlines of September with dates 3. OTBA Passage from Newspaper, Mental and Logical Reasoning Practice
October	18	1. PAGES:37,38,39,45, 46, 47,48 2. Paste the headlines from the Newspaper 3. OTBA Passage from Newspaper, Mental and Logical Reasoning Practice
November	22	1. PAGES: ,49,50,51,52,53,54, 56 2. Paste all the headlines of the month 3. OTBA Passage from Newspaper, Mental and Logical Reasoning Practice
December	23	1.PAGES: ,57,58 ,59,60,61,62,63 2. Paste the headlines of the month 3. OTBA Passage from Newspaper, Mental and Logical Reasoning

		Practice
January	14	1. PAGES: 64, 65,66,67,69,70 2. Paste the headlines of the month 3. OTBA Passage from Newspaper, Mental and Logical Reasoning Practice
February	21	1.Paste the headlines of the month 2. OTBA Passage from Newspaper, Mental and Logical Reasoning Practice
FA2	Syllabus covered in April and May	The Paper will be divided into following sections: 1. General Awareness-Text Book (Pages covered for FA2-April to July) 2. Current affairs 3. Mental Maths and Logical Reasoning 4. OTBA
FA4	Syllabus covered in September, October & November	The Paper will be divided into following sections: 1. General Awareness-Text Book (Pages covered for FA4 - September to November) 2. Current Affairs 3. Mental Maths and Logical Reasoning 4. OTBA

A FEW GUIDELINES FOR GK ASSESSMENT

A FEW GUIDELINES FOR GK ASSESSMENT

- GK examination will be held only for FA2 and FA4.
- Maximum marks for this paper will be 20 and duration 30 minutes.
- The question paper of GK will **not** be in the form of a worksheet.
- It will have the following break-up:
 - ✓ Mental Maths & Logical Reasoning -10 questions each carrying ½ marks.
 - ✓ Current affairs-10 questions each carrying ½ mark.
 - ✓ General Awareness (Text Book)-10questions each carrying ½ marks.
 - ✓ OTBA (Open Text Based Assessment) - 1 question carrying 5 marks will be based on newspaper clipping/paragraph provided in the question paper. The question will be open ended asking for opinion/ suggestions/remedies/alternatives or other related examples for a given situation.

FRENCH

LEARNING OBJECTIVES

- To enable the students to comprehend the given texts as well as make them confident to speak
- To develop their interest in the language through French poems and songs.

TEXT BOOK

APPRENONS LE FRANÇAIS- 3

RECOMMENDED BOOKS

1. Dictionary – Robert et Nathan
2. Conjugaisons – Robert et Nathan
3. Cahier d'exercices- 3 (workbook)

Month	No. Of Working Days	Course Content
April	21	Leçon- 0: La France, Qu'est-ce que c'est? Leçon- 1: La rentrée Les adverbs de quantité (Adverbs of quantity)
May	16	Leçon- 2: Il est français? Les saisons (seasons) Quelle heure est-il? (What time is it?)
July	22	Leçon- 3: La journée de Mme Lavigne La Négation (Negation) Les verbs pronominaux (Pronominal verbs)
August	22	Leçon- 4: Kalu est malade Les animaux (Animals) Les expressions avec 'avoir' (Expressions using verb 'avoir') L'interrogation (Interrogation) L'interrogation négative et si (Negative questions and si)
September	23	Leçon- 5: Faire les courses Les adverbs interrogatifs (Interrogative adverbs) Les verbes- 'savoir' and 'connaître'
October	18	Leçon- 6: M Lavigne cherche un manteau Les prépositions (Prepositions) 'yer' ending verbs
November	22	Leçon- 7: Allons à Paris Les prépositions de lieu (Prepositions of place)
December	23	Leçon- 8: Les photos de Manuel Les fetes françaises (French festivals) Les adjectives démonstratifs (Demonstrative adjectives) Les professions (Professions)
January	14	Leçon- 9: Au café des Laurent L'impératif (Imperative sentence), Les expressions avec 'faire' (Expressions using verb faire)
February	21	Leçon- 10: Encore une lettre de Rouen Les adjectifs interrogatifs (Interrogative adjectives)

		Topic	Tool	Indicators Of Assessment	Marks Allocated
TERM 1	FA 1	Lesson 1,2	MCQ	Correct answers	10
		Extempore Theme- Relations	Project (Value based)	Diction Confidence Articulation of thoughts	4 3 3
		Collage on French products e.g. perfumes, bakery products etc.	Activity	Presentation Research Viva	4 3 3
		FA 2	L- 0 and 1 Grammar – Topics completed up to May		
	SA 1	L – 0, 1, 2 and 3 Grammar – Topics completed up to August			
TERM 2	FA 3	Grammaire	MCQ	Correct answers	10
		PPT on Paris	Project	Presentation Content Viva	4+3+3
		Conversational Skills (Role Play) Theme -Honesty	Activity (Value Based)	Accent Confidence Vocabulary	4+3+3
	FA 4	L- 4, 5 and 6 Grammar – Topics completed from September to October			
	SA 2	L – 7, 8, 9 and 10 Grammar – Topics completed from November to February			

SUGGESTIONS TO PARENTS

Parents to make sure that their child practices the topics taught in the class from CAHIER D'EXERCICES (Workbook) at home and also that he brings his French book and note book to the class as per the time-table.

SUPW - Robotronics

LEARNING OBJECTIVES

1. To provide the child with the basic scientific concepts and skills needed to tackle everyday situations.
2. To enable children to examine, analyze and relate the content to everyday experiences.
3. To develop the child's ability to think & reason.
4. To develop scientific thirst and attitude.
5. To develop the spirit of inquisitive learning and the spirit of exploration.

SUGGESTED READINGS

1. Encyclopedia
2. Robotics Manual to Build Robots

Month	No. Of Working Days	Course Content
April	21	Importance of science
May	16	Different Fields Of Science- Introduction To Robotic Science
July	22	Uses Of Robots
August	22	(Continued) Uses of Robots In The Field Of Medicine, Agriculture, Military, Aeronautics, Industry, Etc.,
September	23	The Idea Of A Robotic Kit (Parts Of A Robotic Kit)
October	18	The Uses Of The Various Parts Of A Robot
November	22	The Science Involved in The Building of a Robot (Types Of Motion, what is a gear?, Uses Of Gear)
December	23	The Science Involved in The Building of a Robot (Convert A Circular Motion To Linear Motion Or Vice Versa, using a gear, increase or decrease the speed of a robot using a gear,)
January	14	The Science Involved in The Building of a Robot (Use Of The Specific Robot Built)
February	21	Revision
Summative assessment I (August – September)		Project – collect materials and present the project in a file on the contents such as: <ul style="list-style-type: none"> • Why robotics? • Its uses in various fields. • Its importance.
Summative assessment II (December – January)		Project- collect materials and present the project in a file on the contents such as: <ul style="list-style-type: none"> • parts of a robot • What is the use of different parts? • How does it function? • The conversion of rotatory motion to linear motion using gears. • The method to increase or decrease speed using gears.

SUGGESTIONS TO PARENTS

1. Children should be regular in completing the assignments.
2. Children should be regular in completing the correction work.
3. Parents should check the understanding of concepts taught in class.

SUPW- Consumer Awareness**LEARNING OBJECTIVES**

1. To help learners understand the rights they can avail as consumers and how they can safeguard themselves against any form of exploitation.
2. To acquaint them with the basic consumer disputes redressal mechanism
3. To empower them not just as well-informed consumers but also as responsible citizens of the nation.
4. To help students improve their communication skills.
5. To enable students, think creatively and be able to present their thoughts appropriately.

Month	No. Of Working Days	Course Content
April	21	Introduction: Who is a consumer? How am I a consumer? Checking labels for important information on the back of products.
May	16	Scrapbook: Goods and Services I consume in my daily life. (can also be given as HHW)
July	22	Group Discussion: “What do you understand by ‘Consumer Exploitation’ with the help of relevant and contemporary case studies.
August	22	Walk for change: Organizing a walk in school as a part of consumer awareness drive. The learners will be required to write slogans and make placards.
September	23	Collage Making: “How consumers get cheated”
October	18	Display Board on Standardizations: The learners will be required to work on a board in groups to highlight the various logos and certifications prevalent in India for FMCGs.
November	22	Community Survey: Students would be asked to draft a questionnaire through which they can carry out a mini survey of their locality about the level of awareness of consumer rights and ways in which they have been exploited.

December	23	Poster making: Compilation of survey results in the form of a poster.
January	14	1. Discussion: What are consumer's rights? Class discussion on each right 2. Debate: "Consumer is the king in 20 th century"
February	21	Report Writing.
SA 1 (August – September)		Grading to be done on the basis of regularity, activity participation and work submitted during term-I
SA 2 (December – January)		Grading to be done on the basis of regularity, activity participation and work submitted during term-II

SUPW - Financial Literacy Club

LEARNING OBJECTIVES

1. To develop financial analytical thinking.
2. To enable students to manage Money effectively and to make informed decisions with their financial resource.
3. To understand the role of Money in developing the economy of the country.

Month	No. Of Working Days	Course Content
April	21	Definition of Money Project: Group Discussion on Double coincidence of wants(Barter System)
May	16	Definition of Market Activity: 1. Visit to a Bank to understand the functioning of Monetary system 2. Filling of a Cheque and distinguishing between various types of cheques.
July	22	Role Play: "Depression, Recession, Recovery and BOOM" (The story of a village under the depression phase to be enacted) Activity: Workshop by Bank of Baroda
August	22	Collage Making: Various forms of Money and their usage(usage of full size cartridge sheet with group size of five)
September	23	Panel Discussion: Creation of Money and How money multiplies itself

October	18	Project: “Balancing the Means and Ends” (Release a Budget Statement for the current financial year)
November	22	Panel Discussion: Analysis & Interpretation of the Budget Statement(Use of Pie Chart)
December	23	Activity: Visit to SEBI
January	14	Basics of Banking: 1. Types of Deposits 2. Demand Draft 3. Central Bank and Commercial Bank
February	21	MCQ: Creation Of money and Money multiplier
SA 1 (August – September)		Grading to be done on the basis of regularity, activity participation and work submitted during term-I
SA 2 (December – January)		Grading to be done on the basis of regularity, activity participation and work submitted during term-II

SUPW – Face to Faith Club

LEARNING OBJECTIVES

1. To help students improve their communication skills.
2. To enable students, think creatively and be able to present their thoughts appropriately
3. To develop the spirit of community service.

Month	No. Of Working Days	Course Content
April	21	Introduction to Face to Faith Identity and Respect
May	16	Activity:- Identify Wheel
July	22	Group Discussion: - Importance of listening Activity:- “What will happen when you don’t listen to each other”
August	22	Short stories about various faiths.
September	23	Lecture Method:- Concept of Blogging/ Team Blogging

October	18	LOGO Designing: - Design a LOGO for Face to Faith Group Discussion: - What influences my opinions? Activity:- Hand Activity – A handful of influences
November	22	Preparation for VC
December	23	Group Discussion: - What is compassion? How is compassion in different from Empathy?
January	14	Short stories about compassion.
February	21	Revision
SA 1 (August – September)		Grading to be done on the basis of regularity, activity participation and work submitted during term-I
SA 2 (December – January)		Grading to be done on the basis of regularity, activity participation and work submitted during term-II

VOCAL MUSIC

LEARNING OBJECTIVES

To enrich students with various aspects of classical as well as western music.

VALUES TO BE INCULCATED

Harmony, Peace, Respect for our rich heritage, develop taste for quality music, know –how of famous classical singers and appreciate their contribution in the field, inculcate the feeling of patriotism & spirituality through ragas and music.

Month	No. Of Working Days	Course Content
April	21	1. Morning Assembly.(Prayer) (i) Itni Shakti Hume Dena Data..... (ii) Suraj Ki Garmi Se..... (iii)Ma Tu Sharde..... 2. Sargam and Alankar. 3. Concept of 12 notes in Indian Music 4. National Song and National Anthem.
May	16	1. Revision (April Syllabus) 2. Prayers
July	22	1. Patriotic Song. 2. Bhajan. 3. Classical song based on ‘Raga’/Qawwalis 4. Practice for Zonal and Interschool Competitions.

August	22	1. Revision. 2. Selection for Annual Day 3. Recording Session (Selection & Practice)
September	23	1. Practice for Annual Day 2. Revision (Western Music).
October	18	1. Practice for Annual Day
November	22	1. Practice for Annual Day. 2. Introduction of Tanpura. 3. Harmonium Practice. 4. Bhajan / Saraswati Vandana / Guru Vandana
December	23	1. Listening to the records of Classical and Devotional songs. 2. Classical song based on 'Raga'. (Revision). 3. Songs (Revision).
January	14	1. Devotional Songs. 2. Vocal Exercise (Alankar) and Prayers.
February	21	1. Revision Bhajan. (Revision)/song /prayers
SA1		Assessment in August - September
SA2		Assessment in December – January

INSTRUMENTAL MUSIC

LEARNING OBJECTIVES

To enrich students with various aspects of classical and western instruments.

VALUES TO BE INCULCATED

Harmony, Peace, Respect for our rich cultural heritage, develop taste for Western music, know –how of famous instrumentalists and appreciate their contribution in the field, inculcate the feeling of patriotism & spirituality through music and teamwork through orchestra.

Month	No. Of Working Days	Course Content
April	21	11. Basic knowledge of Indian classical music (discussion). 12. Biography of famous instrumentalists (discussion). 13. Familiarization of instruments.
May	16	1. Primary Raga. 2. Playing of instruments.

July	22	1. Preparation of basic compositions. 2. Written practice of Indian classical music theory and test based on it. 3. Practice for Zonal and Interschool competitions.
August	22	1. Concept of Orchestra. 2. Playing of instruments. 3. Selection for Annual Day.
September	23	1. Composition for Annual Day. 2. Western music practice. 3. Practice of 'Raga' (revision).
October	18	1. Composition and practice for Annual Day.
November	22	1. Practice for Annual Day. 2. Preparation of New composition (Indian and western).
December	23	1. Project work on various instruments. 2. Revision.
January	14	1. Patriotic songs. 2. Bhajan.
February	21	Revision
SA1		Assessment in August – September
SA2		Assessment in December – January

ART

LEARNING OBJECTIVES:

To enrich students with various aspects of modern as well as traditional art.

VALUES TO BE INCULCATED

To foster the spirit of peace and harmony, celebrate festivals through art, develop love for animals and birds through art and craft

Month	No. Of Working Days	Course Content
April	21	Elements of art forms and principles of design
May	16	Still life with pencil colours
July	22	Nature study
August	22	Life study and Animals

September	23	Composition on festivals
October	18	Landscape with colours and pen
November	22	Knife painting and paper making people
December	23	Portraits pen, pencil and colours
January	14	Poster design on social theme
February	21	Cartoons and Calligraphy
SA 1		File submission (Assessment in August – September)
SA2		Project – Paper quilling (Assessment in December – January)

GAMES AND SPORTS

LEARNING OBJECTIVES

To enrich students with knowledge / technique of various sports, games and athletic events.

VALUES TO BE INCULCATED

Discipline, Endurance, Team spirit, Team management, Importance of Yoga & Exercise in day-to-day life, Maintaining fitness, flexibility & good Health.

Month	No. of Working Days	Course Content
April	21	Sprint 60 metre Race, Long Jump
May	16	Shot Put throw (Athletics)
July	22	Volleyball skills & techniques
August	22	Basketball Skills & techniques
September	23	Football techniques & skills
October	18	Cricket techniques & techniques (Batting, Bowling & Fielding)
November	22	Standing Broad Jump.
December	23	Badminton & T.T. Skill
January	14	Volleyball, Basketball (Interclass Tournament)

February	21	Physical Fitness Test (i)Shuttle Run (ii)Push up, Pull up (iii)Broad Jump (iv)300m. Walk and Run
SA 1		1.60m. Sprint 2.Shuttle Run 3.Games Skills 4.Broad jump Assessment in August-September
SA2		1.Long Jump 2.Game Skills 3.Fitness test 4.Shot Put Assessment in December-January

DANCE

LEARNING OBJECTIVES

To enrich students with various folk and classical dances

VALUES TO BE INCULCATED

Harmony, Nationalism, Cultural Rootedness, Sense of belongingness, appreciation for art, culture and our rich heritage, know-how of our great classical dancers and appreciate their contribution in the field.

Month	No. Of Working Days	Course Content
April	21	Durga stuti chanting Body flexibility oriented Exercises Basic Folk steps of Bhangra
May	16	Postures of Classical Dance
July	22	Mudras of classical Dance
August	22	Composition and practice of folk dance Theory of folk dance
September	23	Composition for Annual Day
October	18	Practice for Annual Day
November	22	Practice for Annual Day Composition of dances selected for Annual Day
December	23	Reflection on performances of students through video
January	14	Mudra (Head, eye& Foot) of Classical Dance
February	21	Taal (Hand movement)
SA1		Assessment in August - September
SA2		Assessment in December – January

MARKING SCHEME AND EVALUATION**(2016-17)**

VI - VIII	FA1	FA2	SA1	FA3	FA4	SA2
Scholastic Subjects	Maximum Marks	Maximum Marks	Maximum Marks	Maximum Marks	Maximum Marks	Maximum Marks
English	20	20	60	20	20	60
Hindi	20	20	60	20	20	60
Maths	20	20	60	20	20	60
Science	20	20	60	20	20	60
Social Sc.	20	20	60	20	20	60
French	20	20	60	20	20	60
Sanskrit	20	20	60	20	20	60
Time Duration	Class based Activity	45 mins.	2 ½ hours	Class based Activity	45 mins.	2 ½ hours
Cumulative Weightage	10 marks	10 marks	30 marks	10 marks	10 marks	30 marks

Co-scholastic Subjects						
Computer	Practical	Practical	Practical	Practical	Practical	Practical
GK	20	20
Time Duration		40 mins.			40 mins.	

NOTE:

- FA1 & FA3:** (a) 10 marks for presentation of group projects & activities in class,
(b) 10 marks for value based activities'
(c) 10 marks for individual class activities viz. quizzes, debates, discussions, PPT etc. (subject specific)

Marks of the best 2 of 3 activities mentioned above will be considered for assessment.

- FA2 & FA4:** Pen & paper test of duration 45 minutes.
- SA1 & SA2:** Pen & paper test of duration 2 ½ hours.

(Computer and GK will not be considered as qualifying subjects for promotion.)