

PREFACE

Learning should stimulate and sustain the child's interest and should be a joy. We have designed a syllabus that enables the child to acquire language competency, a systematic organisation of ideas, to develop his / her creative imagination and independent thinking.

Through this new thematic / integrated approach, the child explores his / her environment in greater depth.

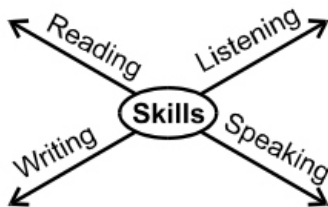
In the thematic approach, a concept does not end with the lesson. The child looks at it from all aspects – the scientific, the ecological and from the point of view of social studies. The child studies his environment and understands it as best as he can. He investigates, explores and observes. Science and Social Studies cease to be separate entities. The child understands that they are inter-related. One cannot exist without the other.

Making Maths a part of this means that Maths is no longer boring numbers. It is used in everyday life. Numbers become real and meaningful.

Language skills are learnt as the child learns to master the above mentioned concepts.

LEARNING OBJECTIVES :

1. To enable the child to build the four language skills i.e. LSRW.



2. To enable the child to acquire all the essential skills of good communication in English.
3. To stimulate and sustain the interest of the child so that learning the English language is a joy forever.
4. To develop an understanding of the English language functions (grammar, punctuation, spelling, syntax and structure)
5. To develop skills for appreciation and memorisation of poetry.
6. To enable the child to have a systematic organisation of facts and ideas.

7. To enable the child to work in groups and pairs as well as develop his reasoning power and independent thinking.
8. To enable the child to use English language for the purpose of social interaction with precision and confidence.

TEXT BOOKS :

1. Grow with Words (Part IV), Namita Wilson – Amity University Press
2. Supplementary Reader – Panchatantra
3. English Worksheet Booklet – Class IV

MONTH	LITERATURE	GRAMMAR	WRITING SKILLS	ACTIVITIES
April - May	1. Subuddhi and Kubuddhi • My Favourite Things (Poem)	1. Subject and Predicate 2. Articles	1. Picture Composition 2. Story Writing	• Discussion of stories followed by library research. • Spotting the difference, collage
July	3. Henry and Ribsby 4. The Centipede (Poem)	1. Adjectives 2. Comparison of Adjectives	1. Story Writing Step by Step	• NIE - Use of Newspapers for grammar, class activity
August	5. The Great Wall of China • A Child's Thoughts (Poem) from worksheet booklet (Pg. 86)	1. Question Words 'wh' 2. Revision of Nouns	1. Jumbled up story 2. Story writing with a beginning	• Poster Making • Finding information about a monument. Project work
September	7. Eh ! Oh !	1. Collective Nouns	1. Paragraph writing	• Talk about an experience. • Limericks

MONTH	<i>READING SKILLS, LISTENING, WRITING</i>	VOCABULARY	
		<i>New Words</i>	<i>Word Building</i>
April - May	Reading Comprehension (Worksheet Booklet) Pages : 5 to 27 (More Short Stories for Children)	1. New Words in the lesson supported by pictures / sentences	1. Idioms 2. Suffix 'al' and 'ous'
July	Comprehension (Listening Skills) Pages : 28 to 53 (More Short Stories for Children)	1. New Words in the lesson supported by pictures / sentences	1. Synonyms 2. Idioms
August	Reading Comprehension Pages : 54 to 83 (More Short Stories for Children)	1. New Words in the lesson supported by pictures / sentences 2. Choosing the correct word.	1. Homonyms 2. Rhyming Words 3. Making Verbs by adding er
September	Listening Comprehension Pages : 84 to 106 (More Short Stories for Children)		1. Finding meanings of a category of words.

★ One English Ability Test will be conducted in the 1st Term.

MONTH	LITERATURE	GRAMMAR	WRITING SKILLS	ACTIVITIES
October	11. The River (Poem) 2. India's Fastest and Best	1. Preposition Usage and Common Errors	1. Writing a factual description.	<ul style="list-style-type: none"> Enacting the story.
November	13. A trip to Mars <ul style="list-style-type: none"> Poem 	1. Do and Does (usage) 2. Sub. / Verb Agreement	1. Find information about a telescope and write about it.	<ul style="list-style-type: none"> Verbally – I spent a Day on Planet Mars. JAM, PPT -The Red Planet
December	10. Kite Flying 14. Harvest song (Poem)	1. Simple Present and Present Continuous	1. Writing experiences (Guided)	<ul style="list-style-type: none"> Activity – Kite Making NIE - Dictionary work
January	9. Try and Try and you'll succeed <ul style="list-style-type: none"> Poem 	1. Simple Past Tense	1. Expressing your views on a topic (for and against)	<ul style="list-style-type: none"> NIE - Vocabulary enhancement Extempore
February	12. Somu of the Land and Somu of the Sea	1. Past Continuous Tense	1. Writing on a given topic	<ul style="list-style-type: none"> Palindrome

MONTH	READING SKILLS, LISTENING, WRITING	VOCABULARY	
		New Words (▲)	Word Building
October	Comprehension Panchatantra Pages : 6 to 17	1. Cross Word	1. Prefix 'un' 2. Animal Sounds.
November	Comprehension Panchatantra Pages : 18 to 29	1. Homophones	1. Word formation
December	Comprehension Panchatantra Pages : 30 to 42	1. Homophones	1. Antonyms 2. Synonyms.
January	Listening comprehension Panchatantra Pages : 43 to 54	1. Word Maze	1. Suffix 'ment'
February	Reading Comprehension (Worksheet Booklet)	Special Adjectives e.g. Moon - Lunar Water - Aquatic	1. Paste Pictures in folder with sentences

★ One English Ability Test will be conducted in the 2nd Term.

EVALUATION :

1. There will be a continuous assessment of each child on the basis of the following aspects of English language : orals, reading, recitation, creative writing, text, vocabulary, dictation, handwriting. Regular tests will also be given.
2. Two English Ability Tests will be conducted in the year.

SUGGESTIONS TO PARENTS :

1. Encourage the child to converse in English fluently.
2. Imbibe a level of self confidence within the child to enable him to handle basic transactions like speaking on telephone, making enquiries at the banks, shops, etc.
3. Encourage him to participate in debates, declamation, recitation for acquiring confidence in public speaking.
4. Inculcate in him a spirit of enquiry, reasoning and independent thinking. Provide ample opportunities to the child to voice his opinion freely.
5. Arouse in the child a love for reading by stimulating him to read newspapers, magazines, children's literature so as to increase his word power.

हिंदी भाषा पढ़ाने के उद्देश्य :

हिंदी भारत के सर्वाधिक क्षेत्रों में बोली जाने वाली हमारी राष्ट्रीय भाषा है। यह संसार की सरलतम भाषाओं में से एक है। हमारे हिंदी पाठन का मुख्य उद्देश्य छात्रों में हिंदी के प्रति रुचि जागृत करना है। भाषा का शुद्ध प्रयोग करके उससे पूरा लाभ तथा आनन्द उठाया जा सकता है। अतः हमें छात्रों में भाषा को शुद्ध बोलने, पढ़ने तथा लिखने की योग्यता का विकास कराना ही विद्यालय में हिंदी शिक्षण का उद्देश्य है।

पाठ्य पुस्तकें :

1. अमृत हिंदी पाठमाला (भाग – 4)
2. ज्ञान सागर – जगदीश सिंह (भाग – 4)

मास	पाठ का नाम	व्याकरण	रचनात्मक कार्य
अप्रैल – मई	कविता – निवेदन (मौखिक) पाठ – चतुर बंदर कहानी – अमीर खुसरो – लालची जगन	<ul style="list-style-type: none"> • लिंग (1 से 15 तक) • वर्ण ज्ञान, वर्ण विच्छेद • र व ऋ का प्रयोग 	<ul style="list-style-type: none"> • कहानी लेखन • अपठित गद्यांश • वाक्य निर्माण • अनुच्छेद लेखन
जुलाई	कविता – हिमालय (मौखिक) पाठ – शिष्टाचार कहानी – दो हंस और एक कछुआ – सुनीरा, नीरा और कुनीरा	<ul style="list-style-type: none"> • संज्ञा • वचन (1 से 15 तक) 	<ul style="list-style-type: none"> • अनुच्छेद लेखन • कहानी लेखन • अपठित गद्यांश • वाक्य निर्माण
अगस्त	पाठ – स्वच्छता दिवस कविता – कोयल (मौखिक) कहानी – अंतिम परीक्षा	<ul style="list-style-type: none"> • सर्वनाम • पर्यायवाची (1 से 10 तक) • अंक ज्ञान (1 से 40 तक) 	<ul style="list-style-type: none"> • अनुच्छेद लेखन • कविता लेखन • अपठित गद्यांश • वाक्य निर्माण

मास	पाठ का नाम	व्याकरण	रचनात्मक कार्य
सितम्बर	पाठ – मैडम क्यूरी कहानी – जापानी बालक और स्वामी रामतीर्थ – बचपन की चोरी	<ul style="list-style-type: none"> क्रिया विलोम शब्द (1 से 15 तक) 	<ul style="list-style-type: none"> अनुच्छेद लेखन कहानी लेखन अपठित गद्यांश वाक्य निर्माण

★ प्रत्येक सत्र में एक हिंदी योग्यता परीक्षा होगी।

अक्तूबर	पाठ – दोहावली (मौखिक) पाठ – स्वार्थी दानव कहानी – प्रेम का आम – पेड़ कभी नहीं काटूंगा	<ul style="list-style-type: none"> मुहावरे (1 से 5 तक) पर्यायवाची (11 से 20 तक) 	<ul style="list-style-type: none"> अनुच्छेद लेखन कविता लेखन कहानी लेखन अपठित गद्यांश वाक्य निर्माण
नवम्बर	पाठ – रानी लक्ष्मीबाई पाठ – लक्ष्य भेदन (मौखिक) कहानी – दूसरी गंगा लानी पड़ेगी – ईमानदार लकड़हारा	<ul style="list-style-type: none"> विशेषण विलोम शब्द (16 से 30 तक) 	<ul style="list-style-type: none"> अनुच्छेद लेखन कहानी लेखन अपठित गद्यांश वाक्य निर्माण

मास	पाठ का नाम	व्याकरण	रचनात्मक कार्य
दिसम्बर	पाठ – तेनालीरामन कविता – परोपकार (मौखिक) कहानी – पुरखों का खज़ाना – बंगाल की शान	<ul style="list-style-type: none"> • काल • विराम चिह्न 	<ul style="list-style-type: none"> • अनुच्छेद लेखन • कहानी लेखन • अपठित गद्यांश • वाक्य निर्माण
जनवरी	पाठ – बुद्धि का बल पाठ – अभ्यास का महत्त्व (मौखिक) कहानी – सबसे बड़ा दानी	<ul style="list-style-type: none"> • अनेक शब्दों के लिए एक शब्द (1 से 12 तक) • अनेकार्थी शब्द 	<ul style="list-style-type: none"> • अनुच्छेद लेखन • कविता लेखन • कहानी लेखन • अपठित गद्यांश • वाक्य निर्माण
फरवरी – मार्च	पाठ – समय (मौखिक) कविता – हमारे राष्ट्रीय प्रतीक पाठ – स्वार्थी दानव कहानी – महात्मा की सीख कहानी – काला धब्बा	<ul style="list-style-type: none"> • पुनरावलोकन 	<ul style="list-style-type: none"> • अनुच्छेद लेखन • कविता लेखन • कहानी लेखन • अपठित गद्यांश • वाक्य निर्माण

★ प्रत्येक सत्र में एक हिंदी योग्यता परीक्षा होगी।

अभिभावकों के लिए सुझाव :

1. विद्यार्थी ने कक्षा में क्या पढ़ा, क्या सुना और क्या लिखा यह उससे अवश्य पूछें।
2. प्रत्येक पाठ के आरंभ तथा अंत में दिए कठिन शब्दों का श्रुतलेख देकर अभ्यास कराएँ।
3. सुलेख पर विशेष ध्यान दें।
4. पुस्तक के अंत में दिए शब्दों के अर्थ याद कराकर शब्द ज्ञान बढ़ाएँ।
5. हिंदी भाषा की पुस्तकें तथा पत्रिकाएँ पढ़ने के लिए बच्चे को प्रोत्साहित करें।
6. नवीन विषयों पर बच्चों से गद्यांश लिखवाएँ और मौलिक लेखन को प्रोत्साहित करें।
7. घर में शुद्ध हिंदी भाषा में बातचीत का नियम बनाएँ। यदि बच्चा शुद्ध भाषा सुनेगा तो शुद्ध बोलने का भी अभ्यास करेगा।
8. हर साल दो हिंदी योग्यता परीक्षा होंगी।

MATHEMATICS

GENERAL OBJECTIVES :

1. To express thoughts clearly and accurately.
2. To reach the correct conclusion by logical reasoning.
3. To systematically organize and interpret a given data.
4. To perform original thinking and investigation.
5. To exercise intuitive powers and common sense.
6. To analyse a problem discovering fundamental relationship.
7. To accurately generalize special concept.

BOOKS :

1. Grow with Numbers (AUP) – Level 4
2. Mathematics Worksheets Book
3. Grid Book
4. Mental Maths

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April - May	1. Roman Numerals 2. Number and Numeration Upto 6 Digit Numbers 3. Addition, Subtraction 4. Point, Line, Line Segment, Ray	<ul style="list-style-type: none"> • 1 - 20 only through activity • Indian - International number system – place values, periods, successor, predecessor etc. • Facts and word problems 	<ul style="list-style-type: none"> • Linked to everyday life • Counting the number of line segments in a given shape. • Also drawing a shape with given number of line segments. • Addition – subtraction by grouping (1, 2, 3 digits), Addition and subtraction, multiples of 10, 100 mentally.
May	1. Multiplication	<ul style="list-style-type: none"> • By lattice algorithm • By standard algorithm • Number stories 	<ul style="list-style-type: none"> • Teaching tables 11, 12, 13, 14 and 15 by breaking a number, Combines Multiplication facts by adding partial products mentally ($7 \times 6 = 5 \times 6 + 2 \times 6$) • Lattice algorithm • By standard algorithm

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
September	1. Fractions	<ul style="list-style-type: none"> • Types of fractions • Identifies half, one-fourth, three fourth of a whole • Explains the meaning of half, one-fourth, three-fourth • Appreciates equivalence of $\frac{2}{4}$, and $\frac{1}{2}$ and $\frac{2}{2}$, $\frac{3}{3}$, $\frac{4}{4}$ and 1 • Addition and subtraction of like fractions and of $\frac{1}{4}$, $\frac{1}{2}$, and $\frac{3}{4}$ (without L.C.M.) 	<ul style="list-style-type: none"> • Identifies these fractions and puts them on number line • Use of fraction kit for teaching all concepts of fractions.
	2. Circle	<ul style="list-style-type: none"> • Circle - centre, radius, diameter, circumference. • Drawing a circle 	<ul style="list-style-type: none"> • Paper folding, cutting and pasting.

★ Two Concept papers will be conducted in 1st Term.

October - November	1. 2D shapes, 3D objects	<ul style="list-style-type: none"> • 2 D shapes – square, rectangle, triangle and their properties • 3 D objects – cube, cuboids, cylinder, cone and sphere (to be done as a project) 	<ul style="list-style-type: none"> • Trace the 2D shape of 3D objects. • Tangrams • Paper folding, cutting and pasting. • Showing 3-D objects.
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MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
October - November	2. Data Handling	<ul style="list-style-type: none"> • Reading pictographs and pie-charts • Drawing and reading a bar graph. 	<ul style="list-style-type: none"> • Collects data and represents in terms of a bar graph. • Draws inferences by discussing with teacher
	3. Money	<ul style="list-style-type: none"> • Conversions : Rupees to paisa. Adds and subtracts amounts using column addition and subtraction with regrouping • Uses operations to find totals, change, multiple costs and unit costs. • Bills 	<ul style="list-style-type: none"> • Estimates roughly the totals and total costs. • Dramatize a market scene.
December	1. Measurement Length	<ul style="list-style-type: none"> • Length – km, m, cm, mm • Relates to and converts km, m, cm, and mm and vice versa • Solves problems involving length and distance 	<ul style="list-style-type: none"> • Estimates length of objects and distance between two given locations

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
December	2. Measurement (Contd.) 3. Weight 4. Volume	<ul style="list-style-type: none"> • Weight – kg, g • Weighs objects using a balance and standard units • Determines sums and differences of weights • Measures volumes of a given liquid using containers marked with standard units. • Determines sums and differences of volumes – l, ml. 	<ul style="list-style-type: none"> • Estimates the weight of an object and verifies using a balance. • Estimates the volume of a liquid contained in a vessel and verifies by measuring it.
January	1. Area and Perimeter 2. Patterns	<ul style="list-style-type: none"> • Area and perimeter of square rectangle • Identifies patterns in multiplication, division : multiples of 9 • Casts of nines from a given number to check if it is a multiple of nine. • Multiplies and divides by 10s, 100s 	<ul style="list-style-type: none"> • Measuring area and perimeter of bulletin board, study table etc. • Identifying various patterns in daily life. • Making symmetrical rangoli. • Tessellation • Tiles geometrical shapes: using one or two shapes.

EVALUATION :

1. Continuous evaluation will be done with regular tests.
2. The students will also be evaluated on the basis of their work in the class regularity in doing home work, participation in class room discussion and activities.
3. Besides at regular intervals we will expose the students to mental maths tests and dodging table tests.
4. Two concepts papers will be conducted in each term.

SUGGESTIONS TO THE PARENTS :

1. For quick tables memorization by your wards please do a lot of drill work with them every day.
2. Encourage your wards to issue maths puzzle books from libraries if they are members. Otherwise, as and when possible buy them books and games involving mathematical calculation. Allow them to watch T.V. programme based on maths.
3. Whenever you take your wards out for shopping, give them a piece of paper and a pen and let them do the calculations.
4. Finally please relate all events and things around to maths and vice-versa to the extent possible.

We are here to make your wards i.e. our students feel that Maths is a subject full of life and has application in all facets of life and for being fully successful, we need your co-operation.

LEARNING OBJECTIVES :

1. To enable the child to understand the scientific concepts.
2. To help them relate to their surroundings and environment.
3. To enable the child to learn by doing.
4. To help them learn and use scientific terms.
5. To help them investigate, explore and observe the world around them.

BOOKS :

1. My Vibrant Planet – Part 4 (General Science)
Amity University Press
2. Science Worksheet Booklet – Class IV

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
April	Unit : 1 Animal Kingdom Chapter - 1 Knowing Animals	<ul style="list-style-type: none"> • Classification of animal kingdom • General characteristics of major groups • Birds, mammals, insects, fish, amphibians and reptiles • Endangered species and extinct species 	<ul style="list-style-type: none"> • Make a collage of animals belonging to different groups. • To study the life cycle of frog. • To make a list of endangered species in India.
April - May	Chapter - 2 How Animals Feed	<ul style="list-style-type: none"> • Classification of animals on the basis of food they eat • Herbivores / Carnivores • Special features that help animals obtain their food • Tongue : Structure and functions • Teeth : Types of teeth, their structure and functions • How to look after our teeth ? 	<ul style="list-style-type: none"> • To understand better that our mouth and tongue assume different formations and positions when we utter different alphabets such as – V, O, M, T, R, U, B and D. • To locate different taste buds on our tongue using sugar, salt and coffee. • To draw the structure of a tooth. • Showing a denture to the students to identify different types of teeth. Structure of tooth using clay will be made.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
July	Chapter - 3 Animal Families	<ul style="list-style-type: none"> • Reproduction • Methods of breeding • Parental care in animals • Learning to survive 	<ul style="list-style-type: none"> • Make a collage of animals which reproduce by laying eggs and animals which give birth to young ones directly.
	Chapter - 4 Animal Homes	<ul style="list-style-type: none"> • Various kinds of natural habitats for animals <ul style="list-style-type: none"> • Forest as habitat • Ponds and lakes as habitat • Desert as habitat • Ocean and sea as habitat • Underground as habitat • Adaptation of animals to their habitat • Animals of different kinds living in a community 	<ul style="list-style-type: none"> • Group Activity – children to be divided into groups. Each group will be representing animals of particular habitat and will explain about their habitat and various adaptive features.
August	Unit : 2 Plant Kingdom Chapter - 5 The world of Trees	<ul style="list-style-type: none"> • Types of trees • Parts of a plant • Roots – their structure and function • Shoots – their structure and function • Uses of plants 	<ul style="list-style-type: none"> • A visit to the school garden to see different types of plants. • To compare tap root and fibrous with the help of carrot and grass. • Make a collage of the various products obtained from plants. • Change of colour of a flower to show conduction of water in plants

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
August	Chapter - 6 Flowers and Leaves	<ul style="list-style-type: none"> • Parts of a flower • Formation of seeds • Common flowers • Leaves – their structure and function 	<ul style="list-style-type: none"> • To study the different parts of a flower using lily flower. • Learning parts of a flower by using plasticine and pasting it on a sheet • A visit to the school garden to observe different types of flowers and leaves and make a herbarium. • To prepare skeleton of a leaf.
September	Chapter - 7 Plants as Food	<ul style="list-style-type: none"> • Plants provide food in different forms. • Cereals, vegetables, fruits, vegetable oils, beverages – tea, coffee, cocoa • Spices, herbs and sugar 	<ul style="list-style-type: none"> • A web showing rice, wheat, etc. being eaten in different forms. • To interview your mother and find out ingredients, spices, oil and herbs used to prepare a dish. • Making of salads and identifying the food group of each ingredient.
	Chapter - 9 Food and Farming	<ul style="list-style-type: none"> • Growing cereal crops • Growing vegetables and fruits • Dairy farming / poultry 	<ul style="list-style-type: none"> • Children will work in groups. Give a name to their farm and write about it.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
October	Unit : 3 Food Chapter - 8 Food and Nutrition	<ul style="list-style-type: none"> • Why do we need food ? • What is food made of ? • Food groups – carbohydrates, proteins, fats, vitamins and minerals • A balanced diet 	<ul style="list-style-type: none"> • To plan a healthy Sunday meal – from breakfast to dinner. • Debate on junk food vs. healthy food.
November	Unit : 4 Our Environment Chapter - 10 Sun and Its Family	<ul style="list-style-type: none"> • Distance of the Sun from Earth • Sun and its family • Asteroids, comets and meteorites 	<ul style="list-style-type: none"> • Make a collage by collecting pictures of the sun and its family members. • Showing a mobile of planets to show their order, size, distance. • Show videos of the Solar System.
	Chapter - 11 Air	<ul style="list-style-type: none"> • Composition of air • Properties of air • Importance of oxygen • What is Breeze ? • Warm air / cold air 	<ul style="list-style-type: none"> • To show that oxygen is required for burning (using a candle). • Experiment to show properties of Air.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
December	Chapter - 12 Water	<ul style="list-style-type: none"> • Properties of water • Importance and uses of water • Availability of water • Sources of water • Pollution and conservation of water 	<ul style="list-style-type: none"> • Differentiating between soluble and insoluble substances with the help of activities. • Activity on floating and sinking property of substances. • Experiment to show properties of water. • Collecting information about rainwater harvesting and a dam in India.
January	Chapter - 13 Saving Our Environment	<ul style="list-style-type: none"> • Garbage and its sources • Segregation of garbage • Disposal of garbage • Soil pollution 	<ul style="list-style-type: none"> • To study the time taken by different substances to decompose in the soil. • Making two different types of dustbins by using specific colours for waste segregation. • Survey of any locality where they find segregation of waste.
February	Unit : 5 Discovering Things Chapter - 14 Measurement	<ul style="list-style-type: none"> • What is measurement ? • Things to be measured : Length, Weight, Time, Capacity, Temperature 	<ul style="list-style-type: none"> • To measure length, weight, capacity etc. of various objects around us. • To identify the instruments used and units for measurement.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
February	Chapter - 14 (Contd.)	<ul style="list-style-type: none"> Units and instruments used for measurement 	<ul style="list-style-type: none"> Practical exercises on measurement of various articles.
	Chapter - 15 Building Bridges	<ul style="list-style-type: none"> Define a bridge Types of bridges Some well known bridges 	<ul style="list-style-type: none"> To make paper bridges. Steps to make a bridge stronger. To make bridges using the Jodogyan kit.
March	Chapter - 16 Map and Mapping	<ul style="list-style-type: none"> How are maps useful ? Types of maps Advantages of using symbols and colours A globe and its advantages 	<ul style="list-style-type: none"> To draw a route map and answer questions based on the map. Making a map of our school.

SUGGESTIONS TO PARENTS :

- Children should be encouraged to observe and explore the environment.
- Parents should participate in the activities and projects of the child.
- They should be encouraged to read books and watch TV Programmes based on science.

SOCIAL STUDIES

TEACHING OBJECTIVES :

1. To enable the children to understand the phenomena taking place in the physical and social environment around them.
2. To acquire basic facts and information about immediate social and natural environment such as different people, institution, transport and communication.
3. To acquaint the learner with his own culture and tradition. To familiarise the child to contributions made by Indians belonging to different regions, races and speaking different languages.
4. To inculcate desirable attitudes and values that are necessary for a growing citizen.

BOOKS :

My Vibrant Planet – 4

Frank School Atlas by Frank Bros. and Co.

Worksheet Booklet

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
March	Chapter - 1 My Mother and I	<ul style="list-style-type: none"> • Role of a mother • Different Traditions • Matrilineal System • N.E. States • Mothers' Day 	<ul style="list-style-type: none"> • Find out : Pre reading Mothers day – when, where did it start • Family Tree - maternal • Map Work : N.E. States and the state to which your mother belongs.
	Map Work	<ul style="list-style-type: none"> • States of India with capitals 	<ul style="list-style-type: none"> • Plotting of states and capitals on a political map of India.
April	Chapter - 2 My Extended Family	<ul style="list-style-type: none"> • Types of families (a) Extended Family (b) Nuclear Family (c) Joint family 	<ul style="list-style-type: none"> • Find Out / Locate : Dehradun / Uttarakhand state • Tourist spots of Northern Mountains
	Unit 2. Chapter - 3 Occupations	<ul style="list-style-type: none"> • What is an occupation ? • Categories of occupation : (a) Primary (b) Secondary (c) Tertiary • Qualification required for all the three types • Role of N.G.O. 	<ul style="list-style-type: none"> • Make Thank you cards for the workers in the school. A day can be celebrated as 'Shramdan Divas' (clean your class) • Find out about CRY cards, AMITASHA cards.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
May	Chapter - 4 Fun & Fight at Play	<ul style="list-style-type: none"> • Olympics and Commonwealth Games 	<ul style="list-style-type: none"> • Brochure Making
July	Unit 2. Chapter - 5 Means of Recreation	<ul style="list-style-type: none"> • Meaning of recreation • Different forms of recreation • Recreational styles - Villages /Cities 	<ul style="list-style-type: none"> • Find out the place where Olympics began • Collage : Folk and Classical dance • Map work : Plot the states showing the different dance forms of India.
	Chapter - 6 A Visit to Mandi	<ul style="list-style-type: none"> • Different types of Mandis • Problems and hazards • Transportation and Storage 	<ul style="list-style-type: none"> • Visit to Mother Dairy / Sabzi Mandi – Survey Report • Fact File
August	Chapter - 7 Delicious India	<ul style="list-style-type: none"> • Climate and crops, their inter- relation. • Different kind of fruits - where they grow • Yummy India 	<ul style="list-style-type: none"> • Map work showing where these crops / fruits are grown • Food Festival

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
August	Chapter - 8 Food for Special Celebrations	<ul style="list-style-type: none"> • Onam celebrations • Historical significance of Onam • Importance of kar seva • Special food for special festivals. • What are harvest festivals / national festivals / religious festivals. 	<ul style="list-style-type: none"> • Festival of the month : Christmas
September	Chapter - 9 Trees are important	<ul style="list-style-type: none"> • Types of forests • Taking care of trees. • Forests and tribal life • Value of trees in Indian heritage 	<ul style="list-style-type: none"> • Chipko movement and find out about Bodhi tree of Bodh Gaya • Tulsi, Neem tree and Kadam tree.
	Chapter - 10 Flowers	<ul style="list-style-type: none"> • Types and importance. • Flowers in art / craft / architecture 	<ul style="list-style-type: none"> • Scrap Book-showing the significance of several Indian flowers dating back from ancient times to modern times. • Rangoli
October	Chapter - 11 Materials for Building Houses	<ul style="list-style-type: none"> • Types of materials used • Occupations associated with construction of buildings. 	<ul style="list-style-type: none"> • Find out the materials used for construction of Taj Mahal. • Why it has survived through centuries.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
October	Chapter - 11 Materials for Building Houses	<ul style="list-style-type: none"> How building of houses have changed from olden days to the modern times. 	<ul style="list-style-type: none"> In class activity – Make a fact file on green bricks. Map work : Identify the states with such roofs : (a) Sloping (b) Thatched (c) Flat
November	Chapter - 12 A Visit to Annie's House	<ul style="list-style-type: none"> India's cultural capital - Kolkata Where East meets West - Goa 	<ul style="list-style-type: none"> PPT Travel Brochure on Goa and West Bengal
	Unit 4. Chapter - 13 Animals for Transport	<ul style="list-style-type: none"> Define transportation Use of animals since ancient times – beast of burden Ship of the Desert – Camel Elephants • Horses Role of Wheels 	<ul style="list-style-type: none"> Debate : Should animals be used to carry loads ? Role Play
December	Chapter - 14 Naaz prepares for a holiday	<ul style="list-style-type: none"> Plan a holiday How do banks function Ticketing 	<ul style="list-style-type: none"> Visit to ATM : How it functions Role Enactment : Paying bills through credit card.

MONTH	CHAPTER / TOPIC	SUB TOPIC	ACTIVITIES
January	Chapter - 15 Naaz Travels through the country	<ul style="list-style-type: none"> Heart of India – M.P. Rail route to travel from Delhi to M.P. History Location / Physical features of M.P. / A.P. / Karnataka Monuments • Food The Twin cities Hyderabad and Secunderabad. 	<ul style="list-style-type: none"> Discovering India on wheels. Delhi to Bengaluru.

SUGGESTIONS TO PARENTS :

1. Take your ward for a holiday to some place and explain the geographical and cultural importance of that place.
2. Encourage the child to collect pamphlets, stamps, information, etc. about the different regions of the world.
3. Encourage the child to appreciate and love nature and teach the child the importance of conservation.
4. Inculcate the habit of reading books, encyclopedias, etc.
5. Encourage the child to watch educational and informative programmes on T.V.

EVALUATION :

Continuous evaluation of the child will be done on the basis of his / her work in class, the way he / she comprehends the facts and participates in group discussion.

GENERAL KNOWLEDGE

TEACHING OBJECTIVES :

1. To enable the child to understand and appreciate our rich varied heritage.
2. To inculcate that our present stems from the past.
3. To analyse a chronological sequence of events.

SYLLABUS :

1. Current Affairs Sheets will be given regularly every month.
2. Heritage Quiz Sheets will be given twice every term. The common topic being Indian Art and Culture.

SUGGESTIONS TO PARENTS :

1. To encourage the child to read books and encyclopedias.
2. Encourage the child to watch educational programmes on T.V. like quizzes, documentaries, etc.
3. To encourage the child to collect information in the form of stamp collecting, coin collecting, etc.

VALUE EDUCATION

OBJECTIVES :

1. To make the children understand that values are the means by which they will steer themselves through life.
2. To encourage them to express the value they have already attained and monitor them whenever they go wrong.

3. To encourage the student to value those relationships which will give them true happiness like compassion, kindness, peace, freedom, loyalty, human dignity, most important love and respect for elders.

TEXT BOOK : Live & Let Live

I TERM

Subjects	Chapter to be covered	
1. Science	Lesson - 1	Mind and Body
2. English	Lesson - 2	Good Bye Jealousy
3. Mathematics	Lesson - 3	Loyalty
4. Social Studies	Lesson - 7	Rights and Duties

II TERM

Subjects	Chapter to be covered	
1. Science	Lesson - 6	Control Your Anger
2. English	Lesson - 5	Girls and Boys are Equal
3. Mathematics	Lesson - 8	We Are One
4. Social Studies	Lesson - 9	Shifting to New House
	Lesson - 4	Fair is Fair

COMPUTER

CONTENT	LEARNING OBJECTIVES	METHODOLOGY	ASSESSMENT / ACTIVITY	RESOURCES REQUIRED
1st TERM				
<p>Theory :</p> <ul style="list-style-type: none"> • Types of Computers • Generations of Computers <p>Practical :</p> <p>Advanced Logo :</p> <ul style="list-style-type: none"> • Recap of Logo done in class III • Introduction to procedure • Nested Procedure • Simple Animations • Arithmetic Operations • Using Conditions 	Used for programming.	Through demonstration	Assessment on the technology skills they have learned throughout the module.	<p>AMITECH</p> <p>MSW Logo</p>

CONTENT	LEARNING OBJECTIVES	METHODOLOGY	ASSESSMENT / ACTIVITY	RESOURCES REQUIRED
<p>MS - Publishers</p> <ul style="list-style-type: none"> • Introduction to basics • DTP skills • Enter / Format The Text • Create / Edit Word Art • Insert / Format • Graphics • Create a border • Layering, Grouping • Watermark • Align Text Frames • Autoshapes, 3D effect • Insert new page 	<p>To use DTP skills for creating cards, magazines, newsletters etc.</p>	<p>Through demonstration</p>	<p>Create a computer magazine for children. They will design the cover and title of the magazine.</p> <ul style="list-style-type: none"> • Page 1 H/W & S/W • Page 2 I/O devices • Page 3 Operating systems • Page 4 News • Page 5 New Softwares • End Page 	<p>AMITECH MS - Publisher 2007</p>

CONTENT	LEARNING OBJECTIVES	METHODOLOGY	ASSESSMENT / ACTIVITY	RESOURCES REQUIRED
2nd TERM				
<p>Theory :</p> <ul style="list-style-type: none"> Memory, units, Hardware, Software <p>Practical :</p> <p>MS PowerPoint :</p> <ul style="list-style-type: none"> Create / Open a presentation Master Slide Insert / Edit Text Slide Layout and Slide Design Insert / Format Wordart and Graphics Custom Animation and Slide Transition Wash Out Insert Sound, Hyperlink etc. 	<ul style="list-style-type: none"> To create Power point presentations on various topics using multiple mediums. 	Through demonstration	<ul style="list-style-type: none"> Assessment on the Technology skills they have learnt throughout the module. Practical test based on designing a presentation on a given topic 	<p>AMITECH</p> <p>MS - Power Point 2007</p>

OBJECTIVES ACHIEVED

ENGLISH :

The child would have achieved the following :

1. Increase in word power – spelling 4 - 5 letter words correctly.
2. A purposeful vocabulary.
3. Proper usage of language and good communication skills.
4. Skim texts and comprehend and answer questions with speed.
5. Appropriate voice modulation, expression and body movement.
6. Sensitize the child to the finer aspects of poetry - appreciate, compose and recite the poem with clarity.
7. Grammar – correct usage, spoken as well as written.
8. Encouraging 'Newspaper in Education' (N.I.E.). Are able to comprehend and express themselves fluently.
9. 'Just a Minute' and English Dramatics prepares them to become more confident and self reliant in public speaking.
10. Stress on formation of alphabets and proper spacing while writing.

हिंदी :

1. नए शब्दों द्वारा शब्द भण्डार में वृद्धि।
2. नए शब्दों से वाक्य बनाने के कारण अभिव्यक्ति में विकास।
3. रचनात्मक कार्य द्वारा लेखन प्रतिभा का विकास।

4. एकाग्रता, आत्मसंयम एवं आत्मविश्वास का विकास।
5. नियमित पाठन प्रक्रिया के कारण शुद्ध उच्चारण।

MATHEMATICS :

The students will be able to :

1. Define, recall, classify, differentiate, comprehend, discuss and give examples of the various concepts studied.
2. Develop analytical approach and problem solving ability.
3. Understand the importance and relate the concepts to real life situation.
4. Compare the theoretical aspects of mathematical knowledge with practical application.
5. Draw neat and well-labelled diagrams.
6. Learn to calculate faster (mentally also).
7. Construct projects based on the concepts studied.
8. Use of Jodo Gyan kit and learning in a hands-down-activity way.
9. Become conscious / aware of Maths in real / daily life.
10. Acquire skills which will facilitate the procedure of self-understanding and self-learning.

SCIENCE :

The students would be able to :

1. Understand the different scientific concepts.
2. Relate their scientific knowledge to the surroundings and environment.

3. Draw neat and well-labelled diagrams.
4. Carry out simple experiments with accuracy and precision.
5. Acquire skills which help them learn on their own.
6. Learn and use various scientific terms with correct spellings and pronunciation.
7. Work on projects assigned to them to develop scientific approach and problem solving ability.
8. The students are encouraged to watch scientific programmes to enhance their understanding of the concepts.

SOCIAL STUDIES :

1. To acquire information about the different physical features in India which influence the flora and fauna of each zone and the life of the people living there.
2. To comprehend the various climatic zones and their effect on the people living there (e.g. Rajasthan – the lives of the people being modified by the desert).
3. To understand the diversity that exists in this beautiful country within the parameters of culture, dress, food, festivals, social customs, etc.
4. In spite of this rich cultural diversity the underlying unity due to common factors like a common shared history; the freedom struggle, the heritage (this is done through projects).
5. Reading maps, making a key and marking areas is a map as per instructions given to them.
6. Basic understanding about the Constitution of India and how directives are followed (for e.g. the fundamental rights and directive principles) in the functioning of the various governmental bodies from the biggest to the smallest.

SUGGESTING READING

ENGLISH :

- | | |
|--|-------------------|
| 1. (i) Amelia Jane (Series (4 titles) | – Enid Blyton |
| (ii) Family Series | – Enid Blyton |
| (iii) Noddy Series | – Enid Blyton |
| 2. (i) Fantastic Mr. Fox | – Roald Dahl |
| (ii) The Magic Finger | – Roald Dahl |
| (iii) The Enormous Crocodile | – Roald Dahl |
| (iv) George's Marvellous Medicine | – Roald Dahl |
| (v) Danny and the Champion of the World | – Roald Dahl |
| 3. Animal Ark (Pets) | – Lucy Daniel |
| 4. (i) Mahabhartar (12 volumes) | – Dreamland Pub. |
| (ii) Ramayana (13 volumes) | – Dreamland Pub. |
| (iii) Shri Krishna Leela (4 titles) | – Dreamland Pub. |
| 5. Sweet Valley – Kids | – Bantam Books |
| 6. (i) A Jigsaw Jones Mystery (Series) | – Scholastic Inc. |
| (ii) The Littles (Series) | – Scholastic Inc. |
| (iii) The Magic School Bus (Science Fiction) | – Scholastic Inc. |
| 7. Stories for the Young Readers | – Parragon |

हिंदी :

- | | |
|------------------------------------|---------------------|
| 1. (i) अमर चित्र कथा | – IBH |
| 2. (i) चतुर बीरबल (भाग 1 – 4) | – नवनीत पब्लि. |
| (ii) कहानियों का खज़ाना (1 – 4) | – नवनीत पब्लि. |
| (iii) कहानियाँ ही कहानियाँ (1 – 4) | – नवनीत पब्लि. |
| (iv) मोहक कहानियाँ (भाग 1 – 4) | – नवनीत पब्लि. |
| 3. (i) दोस्त बनाए नए – नए | – CBT |
| (ii) लौट के चूहा घर को आया | – CBT |
| (iii) पशु मेला | – CBT |
| (iv) गोपाल भांड | – CBT |
| 4. (i) राजा जो कंचे खेलता था | – NBT |
| (ii) छुपा रुस्तम | – NBT |
| 5. (i) विक्रम और बेताल (1 – 5) | – ड्रीमलैण्ड पब्लि. |
| (ii) अनमोल नैतिक कहानियाँ (1 – 5) | – ड्रीमलैण्ड पब्लि. |
