



NATIONAL VICTOR PUBLIC SCHOOL

(Sr. Secondary Recognised & Affiliated to C.B.S.E. Delhi)

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NVPS SIGNED MEMORANDUM OF UNDERSTANDING WITH SOUTH KOREAN EMBASSY



CERTIFIED MONEY SMART SCHOOL BY THE NATIONAL CENTRE FOR FINANCIAL EDUCATION

Govt. of NCT of Delhi
Excellence in Education Award - 2021
by
GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DIRECTORATE OF EDUCATION: AWARDS BRANCH
PATRACHAR VIDYALAYA : TIMARPUR, DELHI-110054

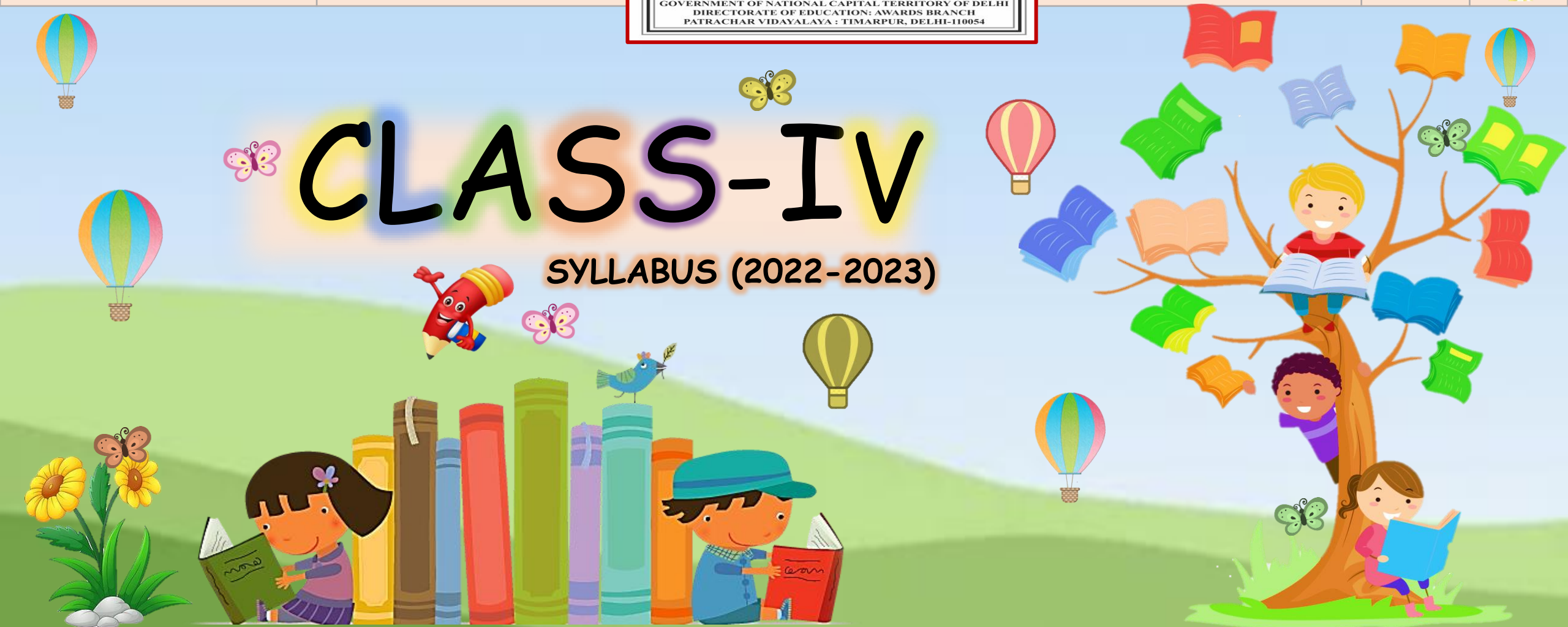


CITATION OF HONOR AWARDED FOR DISTINGUISHED ENDEAVORS 2018 IN NATIONAL WORKSHOP



CLASS-IV

SYLLABUS (2022-2023)



SESSION: 2022-2023

Preface

Education is a discovery of journey and growth. The vision of National Victor Public School is to lay the basic foundation and thereafter allow the latest talent to fully develop, also to provide value based education with new innovations and ideas.

Students here are made to learn, absorb information and demonstrate the knowledge grasped in different ways and teachers at National Victor Public School often use an array of techniques which cater to multiple learning styles to help students retain information and strengthen the understanding of concepts. A variety of strategies and methods are used to ensure that all students have equal opportunities to learn. A lesson plan is carried out in several ways such as : questioning, explaining, discussing, debating, collaborating, demonstrating and co-relating the concepts to real life situations.

As per the guidelines of the Central Board of Secondary Education, we follow Continuous and Comprehensive Evaluation System. It is in the classrooms that learners can analyze and evaluate their experiences, learn to doubt, question to investigate, and think independently. Continuous and Comprehensive System covers all aspects of students' development. The objective is to bring continuous improvement in the performance of the learners through regular assignments and evaluations. In Primary classes the assessment is based on regular Ongoing Evaluations and Internal Assessments.

The curriculum allows the flexibility of choosing a child centric methodology in which emphasis is laid on learning by experimenting. The curriculum in Primary classes follows an integrated approach by providing hands on activities to strengthen the academics. The usage of Interactive Board & Power point presentations makes the teaching-learning process more interactive & lively.

English

Objectives of teaching English:

1. To facilitate the teaching of listening, speaking, reading, writing, grammar, vocabulary, spelling and pronunciation.
2. To develop a set of core vocabulary and expressions for use in simple conversations.
3. To motivate the children to learn English and experience a wide range of the language.
4. To enable the children to acquire all the essential skills of good communication in English.
5. To encourage the children, to use English language for the purpose of social interaction with precision and confidence.

Name of the textbooks:

1. Prime English 4
2. Fitzroy Phonics Readers (31-40) (Supplementary Reader)

Month	Literature	Grammar	Writing skills	Fitzroy Phonics Readers (31-40)	Activity
April	MLL ,Lesson-1 Neha, My sister	MLL, Alliterations and Conjunctions	Paragraph writing	Kate and Mate	Share tongue twister in the class (alliteration).
May	Lesson-2 Tell us a Tale (Poem)	Words in context, Abstract nouns	Paragraph writing	The Boat	Write a fairytale of your own
July	Lesson-3 Recycling	Quantity words (much, many, a few or a little, verbs), Main and helping verbs	Picture Composition	On the Hill	Reuse a thing to grow a plant.

August	Lesson-4 Falling Snow (poem), Lesson-5 The Pied Piper of Hamelin, Lesson-6 The Fox and the Crow (Poem)	Simile, Adverbs of frequency, Adjectives, Present and Past Participle Adjectives, Rhyme scheme	Picture Composition	The Cat and The Fish Dolly Duck	Make a snowman to use as a bookmark. Learn how to use a dictionary.
September	SYLLABUS COMPLETION AND REVISION				
	TERM I				
October	Lesson-7 Whittington and His Cat, Lesson-8 Foreign Lands (Poem)	Phrasal Verbs, Present Perfect Tense, Imagery, Past Perfect Tense	Story Writing	Captain Hornblower	Fact file of a pet animal
November	Lesson-9 Tenali Rama and the Thieves, Lesson-10 A Tragic Story (Poem)	Strong and weak adjectives, Adjective-Degrees of comparison, Analogy, Prepositions	Story Writing	The Flying Doctor Service David the Duck	Story telling in the class
December	Lesson-11 Marie Curie	Homonyms, Definite articles	Informal letter writing	Silas the Cat	Paste pictures of famous inventors and their inventions.
January	Lesson-12 Creative Minds (Poem)	Homographs, Reflexive Pronouns	Informal letter writing	Shawn and the Go-Kart	Imagine and speak about an invention of your own
February	SYLLABUS COMPLETION AND REVISION				
	TERM II				

EVALUATION SYSTEM:

1. There is a continuous assessment of each child based on the following aspects of the English language – Oral, Reading, Recitation, Listening and Speaking skills.

2. Comprehending text
3. Development of oral communication skills
4. Listening and recall
5. Reading and writing skills
6. Phonological awareness
7. Dictation will be given every month.
8. Regular class tests will be conducted.

EVALUATION PATTERN:

Term I

ASSESSMENT-I

Lesson-1 Neha, My Sister

Lesson-2 Tell us a Tale (poem)

ASSESSMENT-II

Lesson-3 Recycling

Lesson-4 Falling Snow (poem)

Lesson-5 The Pied Piper of Hamelin

Lesson-6 The Fox and the Crow (poem)

Term II

ASSESSMENT-III

Lesson-7 Whittington and his cat

Lesson-8 Foreign Lands (poem)

ASSESSMENT-IV

Lesson-9 Tenali Rama and the Thieves

Lesson-10 A tragic Story (poem)

Lesson-11 Marie Curie

Lesson-12 Creative Minds (poem)

Suggestions to Parents:

1. Spend quality time with your child.
2. Develop reading and speaking skills.
3. Engage them in creative activities.
4. Develop habit of reading newspaper for better learning.
5. Provide friendly environment to boost their confidence.

हिंदी

हिंदी शिक्षण के सामान्य उद्देश्य :-

1. छात्रों में श्रवण, वाचन, लेखन एवं पाठन - कौशल का विकास करना एवं रचनात्मक कौशल का विकास करना।
2. पठन - पाठन में गति, लय, आरोह - अवरोह का ज्ञान कराना।
3. वर्णित या पठित सामग्री को सुनकर अर्थ ग्रहण करना।
4. अभिव्यक्ति के माध्यमों (नाटक, कहानी, आत्मकथा आदि) से परिचित कराना।
5. छात्रों को व्याकरण के मौलिक सिद्धांतों एवं नियमों की जानकारी देना।
6. स्मार्ट बोर्ड के माध्यम से व्याकरणिक विषयों को रोचक बनाना।
7. अपनी राष्ट्रभाषा के प्रति प्रेम एवं सम्मान जागृत करना।

पाठ्य - पुस्तकों के नाम :-

Next हिंदी पुस्तक - 4 'ए'

Next हिंदी पुस्तक - 4 'बी'

माह	साहित्य	व्याकरण	लेखन कौशल	रचनात्मक गतिविधि
अप्रैल	न्यूनतम अधिगम स्तर पाठ - 1 कज़ाकी पाठ - 2 हम सब सुमन एक उपवन के (कविता)	अनेकार्थी शब्द, अनेक शब्दों के लिए एक शब्द, उपसर्ग-प्रत्यय	* अपठित गद् यांश * चरित्र चित्रण	* संदेश लेखन
मई	पाठ - 3 प्रेरक प्रसंग	संज्ञा और उसके भेद	* डायरी - लेखन * पत्र - लेखन	* जीवन आरेख

जुलाई	पाठ - 4 बुलंद हौंसले पाठ- 5 सभा का खेल (कविता)	लिंग, वचन, पुरुषवाचक सर्वनाम	* समाचार - लेखन	* पत्र से पहुँचाएँ अपनी बात
अगस्त	पाठ - 6 खेल - खेल में एक मुलाकात पाठ - 7 अनोखी यात्रा	निश्चयवाचक - अनिश्चयवाचक सर्वनाम, मुहावरे	* यात्रा - वर्णन	* कोलाज निर्माण - मेरा प्रिय खिलाड़ी
सितंबर	पाठ्यक्रम पूर्ति एवं पुनरावृत्ति			
	टर्म-1			
अक्टूबर	पाठ - 8 ऐसे थे बापू पाठ - 9 पपाइरस की आत्मकथा	गुणवाचक, संख्यावाचक, परिमाणवाचक, संकेतवाचक विशेषण	* सूचना - लेखन	* विज्ञापन - प्रस्तुति
नवंबर	पाठ - 11 कितनी बड़ी दिखती होंगी (कविता)	क्रिया	*कविता - लेखन	* रंगोली से सजाएँ घर अपना
दिसंबर	पाठ - 10 ज़ोया का संसार पाठ - 12 बादल कब आओगे ? (कविता)	विराम - चिह्न, काल	* संवाद - लेखन	*जल व बिजली संरक्षण पर पोस्टर तैयार करना
जनवरी	पाठ - 13 साथी हाथ बढ़ाना पाठ - 14 दहाड़ नहीं पुकार	विराम - चिह्न, शब्द - भंडार	* पत्र - लेखन *कहानी - लेखन	*नारा - लेखन
फरवरी	पाठ्यक्रम पूर्ति एवं पुनरावृत्ति			
	टर्म-2			

मूल्यांकन प्रणाली :-

1. साप्ताहिक श्रुतलेख
2. पाठ के समाप्त होने पर कक्षा परीक्षा ली जाएगी।
3. शुद्ध हिंदी भाषा में बातचीत करने पर बल दिया जाएगा।
4. नवीन विषयों पर सृजनात्मक कार्य ।
5. कविता कंठस्थ करना ।

मूल्यांकन का प्रारूप :-

टर्म-1

मूल्यांकन - I

पाठ - 1 कज़ाकी

पाठ - 2 हम सब सुमन एक उपवन के (कविता)

पाठ - 3 प्रेरक प्रसंग

मूल्यांकन -II

पाठ - 4 बुलंद हौंसले

पाठ - 5 सभा का खेल (कविता)

पाठ - 6 खेल - खेल में एक मुलाकात

पाठ - 7 अनोखी यात्रा

टर्म-2

मूल्यांकन - III

पाठ - 8 ऐसे थे बापू

पाठ - 9 पपाइरस की आत्मकथा

पाठ -11 कितनी बड़ी दिखती होंगी? (कविता)

मूल्यांकन-IV

पाठ - 10 ज़ोया का संसार

पाठ - 12 बादल कब आओगे? (कविता)

पाठ - 13 साथी हाथ बढ़ाना

पाठ - 14 दहाड़ नहीं पुकार

अभिभावकों के लिए सुझाव :-

1. सुलेख पर विशेष ध्यान दिया जाए।
2. बच्चों को मात्राओं का सतत अभ्यास कराएँ।
3. पाठ्य- पुस्तक के अतिरिक्त समाचार पत्र एवं अन्य पत्र - पत्रिकाएँ पढ़ने के लिए प्रेरित करें।
4. कक्षा में पढ़ाई गई विषय- वस्तु का नियमित अभ्यास कराएँ।

MATHEMATICS

Objectives of teaching Mathematics :

1. To acquire the knowledge and understand the mathematical language i.e terms, symbols, diagrams, principles and proofs to represent mathematical ideas.
2. To develop the mathematical thinking and problem solving skills among students.
3. Help students to develop creativity and the ability to think, communicate and solve problems.
4. Help students to understand and acquire basic mathematical concepts and computational skills.
5. To develop positive attitude by experiencing mathematics in a real life context through practical and experimental activities.

Names of the textbooks

1. WONDER MATH- 4 BOOK A
2. WONDER MATH- 4 BOOK B

Month	Chapter	Sub Topic	Activities	Mental Math Concepts
April	Recapitulation of previous concepts Unit 1 Large Numbers Unit 3 Geometry (Activity)	Numbers beyond 9999, Comparing and Ordering data, International System of Numeration ,Rounding Off Numbers, Roman Numerals ,Lines ,Polygons ,Circles, Circular designs ,Nets	Addition and subtraction of large numbers with the help of dice	Comparison and round off numbers
May	Unit 2 Addition and Subtraction Unit 4 Multiplication	Addition and Subtraction of large numbers, Multiplication of a 3- digit number by a 2- digit number		Simple addition and subtraction tricks
July	Unit 4 Multiplication Unit 5 Division	Multiplication of a 3-digit or a 4-digit Numbers by a 2-and 3-digit Numbers , Box method, Division by a 1- digit and a 2 -digit divisor	Product puzzle	Multiplication by doubling and halving, Division by tricks
August	Unit 6 Factors and Multiples	Multiples and factors of a number , Common multiples and factors, Divisibility rules	Multiples and factors -crossword	Recognition of multiples and factors of different numbers
September	SYLLABUS COMPLETION AND REVISION			
	TERM I			

October	Unit 7 Fractions Unit 8 Decimals	Fractions on Number line ,Types of Fractions ,Conversion of Fractions ,Equivalent fractions, Comparing and Ordering of Fractions ,Addition and Subtraction of like Fractions, Tenths ,Hundredths and Thousandths,	Paper Folding Activity	Conversion of Fractions
November	Unit 8 Decimals Unit 12 Patterns (Activity)	Conversion of decimals into fractions and vice-versa, Comparing and Ordering Decimals, Coding and Decoding ,Tessellations, Number Patterns, Symmetry , Reflection	Challenge yourself by finding the place value in decimals	Place value and ordering of decimals
December	Unit 9 Metric Measures Unit 10 Time	Measurement of Length , Weight and Capacity, Reading Time to the Exact Minute, 24-Hour Clock, Elapsed Time, Conversion of Units of Time	Paper plate and toothpick Clock Activity	Conversion of units; 24-hour format
January	Unit 11 Data Handling Unit 13 Perimeter and Area	Bar graph and Pictographs, Perimeter , Area	Finding out the perimeter of natural closed thing	Identification of data with the help of graphs
February	SYLLABUS COMPLETION AND REVISION			
	TERM II			

Evaluation System

1. Continuous evaluation will be done with regular tests.
2. Classwork and homework will be evaluated on regular basis.
3. Two written assessments will be conducted in each term.
4. Regularity and maintenance of written work will be graded on regular basis.
5. Participation of students in class activities and discussions.

EVALUATION PATTERN

Term I

Assessment - I

- Unit 1-Large Numbers
- Unit 2-Addition and Subtraction
- Tables- 6 to 8 (oral and written)
- Unit 3-Geometry (Activity)

Assessment - II

Unit 4- Multiplication
Unit 5-Division
Unit 6-Factors and Multiples
Tables- 9 to 12 (oral and written)

Term II

Assessment - III

Unit 7-Fractions
Unit 8-Decimals
Tables -13 to 15 (oral and written)
Unit 12- Patterns (Activity)

Assessment - IV

Unit 9-Metric Measures
Unit 10-Time
Unit 11-Data Handling
Unit 13-Perimeter and Area
Tables- 16 to 18 (oral and written)

Suggestions to Parents

1. Encourage your ward to solve puzzles and mental math questions.
2. Encourage your child to experiment with different approaches of mathematics.
3. Go over new concepts and practice word problems.
4. To engage them in creative activities.
5. Connect math to everyday life and help your child to understand how math influences them.

EVS

Objectives of teaching EVS :

1. To develop an awareness about environmental issues.
2. To nurture the natural curiosity and creativity in science and technology.
3. To apply basic scientific principles in finding solution to problems related to health, space, nutrition, flora and fauna etc.
4. To inculcate the requisite knowledge, skills, values and space for reflection and critical thinking among children.
5. To enable them to facilitate a systematic approach to real life situations.

Names of the textbooks

1. Next Explorers 4- Book A

2. Next Explorers 4- Book B

Month	Chapter	Sub Topics	Activity
April	Chapter-1: Our Organ Systems	Skeletal System, Muscular System	Make a colourful chart on various internal and external organs and label them Select one hill station. Find out and write about the occupation of the people living there. Share your experience.
	Chapter-1: Our Organ Systems	Respiratory, Digestive, Excretory Systems	
	Chapter-4: A Visit to the North	Mountains in the north, Plains in the north, Life in the north	
May	Chapter-5: The Great Indian Desert	Deserts in the west, Life in the desert	Collect information about Thar Desert (Wildlife, Plants , Food and living condition)
July	Chapter-2: Healthy Teeth	Parts of tooth, Types of teeth, Keeping teeth healthy and Microbes	Structure of tooth using clay. A web chart showing rice, wheat etc , being eaten in different forms.
	Chapter-3: Fields to Kitchen	Meaning and types of agriculture, Types of crops, Journey of food	
August	Chapter-6: A Visit to the South	Southern plateau, Coastal plains and islands, Life in the southern plateau	Identify the different features associated with the southern plateau such as rivers, hills and ghats. Speak few lines about them. Make a collage of various objects obtained from plants.
	Chapter-7: The World of Plants	Roots and stems, Adaptation in plants, The Chipko movement	

September	Syllabus completion and revision		
	TERM I		
October	Chapter-8: The World of Animals Chapter-13: Natural Resources	Adaptations in animals Definition, Types of natural resources, Conservation	Classify the animals on the basis of their eating habits eg. Cow, camel, eagle, crow, bear, human beings, dog. Making two different types of dustbins by using specific colours for waste segregation.
November	Chapter-9: Soil Story Chapter-10: Force	Soil formation, Components of soil, Types and importance of soil Pull and push, Types of forces	Collect a sample of soil and show the different layers of soil. Make a list of five things that you push or pull everyday.
December	Chapter-11: Working with Machines Chapter-15: Cruise Around the World	Work, Simple machines Waterways, Ports and currencies	Write the names of any five professionals who use simple machines. Write the name of these machines and identify their types. Make a travel brochure of an international destination you want to visit.
January	Chapter-12: Energy Chapter-14: The Magical Universe	Types and sources, Conservation of energy The solar system, Our Blue planet, The shining moon, Stars and constellations	Make a poster showing the importance of various alternate sources of energy. Find out the information about universe and present it in the classroom.
February	Syllabus completion and revision		
	TERM II		

EVALUATION SYSTEM:

1. Participation in class activities.
2. Group discussion.
3. Class test.
4. Maintenance of books and notebooks

Evaluation Pattern

Term I

Assessment -I

1. Chapter-1 Our Organ Systems

2. Chapter-4 A Visit to the North
3. Chapter-5 The Great Indian Desert

Assessment- II

1. Chapter-2 Healthy Teeth
2. Chapter-6 A Visit to the South
3. Chapter-7 The World of Plants
4. Chapter-3 Fields to Kitchen

Term II

Assessment- III

1. Chapter-8 The World of Animals
2. Chapter-9 Soil Story
3. Chapter-13 Natural Resources

Assessment- IV

1. Chapter-10 Force
2. Chapter-11 Working with Machines
3. Chapter-12 Energy
4. Chapter-14 The Magical Universe
5. Chapter-15 Cruise Around the World

Suggestions to Parents

1. Sensitize your ward to the environment and to draw the attention to the changes around him.
2. Encourage the child to relate and apply the information given in school to his daily life.
3. Take your ward to visit monuments, museums, zoo and other centres of information.
4. Encourage your ward to watch educative and informative programmes on television.
5. Involve your child in interesting activities.

COMPUTER

Objectives of teaching computer:

- ❖ The Computer Science aims to prepare students to design and create algorithmically complex software and develop new and effective algorithms to solve computing problems, design and implement software, and devise new ways to use computers.
- ❖ The knowledge and ability to use computers and related technology efficiently, with a range of skills covering levels from elementary use to programming and advanced problem solving. It is the essential knowledge needed to function independently with a computer.
- ❖ The most important aspect of computer science is problem solving, an essential skill for life. Students study the design, development and analysis of software and hardware used to solve problems in a variety of business, scientific and social contexts.

Name of the Book:

TouchPad Plus Ver.2.1

MONTH	TOPIC	SUBTOPIC	ACTIVITIES
APRIL	Chapter-1 Data Storage and Memory	Memory, Measuring the Computer's Memory.	Make flash cards of different Data Storage devices
MAY	Chapter-2 Managing Files and Folders in Windows 10	Windows 10 Desktop File or Folder	Create a new folder and rename the file with your name on your computer.
JULY	Chapter-3 More on MS Word 2016	Shapes, Word art, Pictures. Inserting a Table, entering data in a Table, Selecting, Inserting and Deleting a Row or Column. Deleting a Table Merging Cells Splitting a Cell Formatting a Table.	Create a file in Word and save it as "Our National Symbols", Insert pictures & write their names using word art effects. Create a Time Table for your class using colors, borders and text.
AUGUST	Chapter-4 PowerPoint 2016	Starting PowerPoint 2016 Components of the PowerPoint window Creating a New Presentation Slide Layout Inserting WordArt Inserting a Picture from a File. Viewing a Presentation	Find out the previous version of PowerPoint and write the differences between them and PowerPoint 2016 Create a Slide Show Titled as "Space and Stars".

		Deleting a Slide	
SEPTEMBER	Syllabus Completion and Revision		
	TERM I		
OCTOBER	Chapter-5 More about the internet	What is internet History of internet Commonly used internet terms Microsoft edge	Open any web browser and find out information about different types of search engines
NOVEMBER	Chapter-6 Visual processing	Picture puzzle Directions and maps	
DECEMBER	Chapter-7 More Blocks in Scratch	Scratch Components Block Categories Setting the Sprite Position Programs in Scratch	
JANUARY	Chapter-8 Creating Shapes in Scratch	Pen Block Drawing a Line in Scratch Drawing Polygons, Square, Circle and Rectangle in Scratch	Find out the Information about more blocks like Music, Video Sensing, Text to speech and also compare them with Pen block.
	Chapter-9 Evolution of AI	1950-1960 1961-1970 1971-2000 2000-2010 2010 to present	Find out information about other latest Artificial Intelligence technology which are using nowadays.
FEBRUARY	Syllabus Completion and Revision		
	TERM II		

Evaluation System:

Test on Theory Concepts, Oral and Practical Assessment, Internal Assessment

Evaluation Pattern:

Term I

- Data Storage and Memory
- Managing Files and Folders in Windows10
- More on MS Word 2016

- PowerPoint 2016

Term II

- More about the Internet
- Visual processing
- More Blocks in Scratch
- Creating Shapes in Scratch
- Evolution of AI

Suggestion To Parents:

- Positive Study Environments
- Early & Frequent Communication
- School Activities
- Include them in decision-making.
- Teach your children to set short-term and long-term goals.
- Point out your children's progress. Show your child that he or she is making progress and has reasons to feel proud about these accomplishments.

GENERAL KNOWLEDGE

Objectives of Teaching General Knowledge :

1. To develop healthy attitude and moral values.
2. To help in enhancing child's holistic development.
3. To build a strong foundation of the child.
4. To develop their thinking ability, perception and communication.
5. To enhance the awareness of students about the country and the world.
6. To boost self confidence of children and enhance their personality.

Name of the Textbook:

ROOTS AND FRUITS OF KNOWLEDGE

Month	Chapter	Subtopics	Activity
April	Unit-1 The World of Animals	1. Flightless Birds 2. Strange Creatures 3. Animal Adaptation 4. Life Cycles 5. How Ants Locate Sweets? 6. Knowledge Bank	Make poster on Save Wildlife

May	Unit-2 The World of Plants	7. Exotic Underwater Plants 8. Fruit Value 9. Plants' Nestling Grounds 10. Fabulous Fungi 11. Knowledge Bank	Grow new plants at your home
July	Unit-3 Spectacular India	12. Famous National Parks of the North 13. Splendorous Rivers of South 14. Eastern Marvels 15. The Grandeur of North East 16. Illuminating our Path 17. Logos: The Identity Marks 18. Knowledge Bank	Make Travel Brochure
August	Unit-4 The World around us	19. Famous Buildings 20. They made a Difference 21. The Epithet they Earned 22. Topping All 23. Knowledge Bank	Discussion on famous buildings of the world and explore more information about them
September	Syllabus Completion and Revision		
	TERM I		
October	Unit-5 The World of Science	24. Human Digestive System 25. Science and its Branches 26. Flight into Space	Discussion on Digestive System

		27. Compunomics Puzzle 28. Knowledge Bank	
November	Unit-6 Figuratively Speaking Unit-7 Recreation and Play	29. Famous Inspirational Quotes 30. Intriguing Idioms 31. Word of Information 32. Enlist the Abbreviations Crack the Quiz 33. Traditional Games of India 34. Sports Championships 35. Adventure Sports	Discussion about life history of famous personality
December	Unit-8 To be Aware Unit-9 Nature and Cosmos	36. Cinematic Awards 37. Movies Fiesta-2019 38. Mommy Tells about, 'Eye Care' 39. Making a First Aid Kit 40. Natural Calamities 41. Recycling of Paper 42. Disposal of Solid Wastes Crack the Quiz	Make first Aid Kit Discussion on the methods of disposal of solid wastes

January	Unit-10 Miscellaneous	43. Measuring Instruments 44. Make a Healthy Plate 45. Spicing up our Lives.	Make healthy plate
February	Syllabus Completion and Revision		
	TERM II		

Evaluation System:

- 1) Clarity of concept through group discussions.
- 2) Regularity and maintenance of written work to keep track of their performance.
- 3) Assessment of student's knowledge through quiz.
- 4) Participation in class activities.
- 5) Encourage the child to watch educational programs on television.

Evaluation Pattern

Term I

Unit-1 The World of Animals

Unit-2 The World of Plants

Unit-3 Spectacular India

Unit-4 The World around us

Term II

Unit-5 The World of Science

Unit-6 Figuratively Speaking

Unit-7 Recreation and Play

Unit-8 To be Aware

Unit-9 Nature and Cosmos

Unit-10 Miscellaneous.

Suggestions to Parents:

1. Develop habit of reading newspapers for better learning.
2. Discuss about current affairs with your child.
3. Accompany your child to nearby markets, shopping malls and your surroundings to enhance their functioning skills.
4. Provide friendly environment to boost their confidence.
5. Spend quality time with your child.
6. Encourage your child to read books and encyclopedia.

VALUE EDUCATION

Objectives of teaching Value Education

1. Moral Education is an umbrella term that aims at inculcating tasks like nurturing virtues and values in children to make them good citizens.
2. To develop the sense of right, duty honour, love for humanity and country.
3. To teach virtues of oneness, decency, good manners and behavior in public life.
4. To envisage the active, proactive participation of teachers and parents in the moral growth of the students to create in them a zest for learning.
5. To provide students with intellectual resources that enables them to make responsible decision on moral importance.

Name of the textbook

Next. Value Education - 4

Month	Lesson	Activities
April	Lesson-1 Being Responsible	Poster related to Peace
	Lesson-2 Power of Peace	
May	Lesson -3 Forgiveness	Making a box for forgiveness
July	Lesson -4 Act Wisely	Paper clock activity
	Lesson -5 Time Management	
August	Lesson -11 Managing Emotions (Project)	Mood Wheel
September	Syllabus completion and revision	
	TERM I	
October	Lesson -6 Being Adaptive	Word game
	Lesson -7 Equality and Justice	
November	Lesson -8 Dignity of an Individual	Let's talk
December	Lesson -9 Taking Initiatives	Collage making
	Lesson -10 Creative Thinking	
January	Lesson -12 Being Tolerant (Project)	Newspaper activity
February	Syllabus completion and revision	
	TERM II	

Evaluation System:

- 1) Clarity of concept through group discussions.
- 2) Regularity and maintenance of written work to keep track of their performance.
- 3) Assessment of student's knowledge through quiz.
- 4) Participation in class activities.
- 5) Encourage the child to watch educational programs on television.

Evaluation pattern

Term I

- Lesson-1 Being Responsible
- Lesson-2 Power of Peace
- Lesson-3 Forgiveness
- Lesson-4 Act Wisely
- Lesson-5 Time Management
- Lesson-11 Managing Emotions (Project)

Term II

- Lesson-6 Being Adaptive
- Lesson-7 Equality and Justice
- Lesson-8 Dignity of an Individual
- Lesson-9 Taking Initiatives
- Lesson-10 Creative Thinking
- Lesson-12 Being Tolerant (Project)

Suggestions to Parents

1. Develop reading and speaking skills.
2. Spend quality time with your child.
3. Provide friendly environment to boost their confidence.

INTEGRATED ART

Objectives of teaching integrated Art:

- The goal of arts integration is to increase knowledge of a general subject area while concurrently fostering a greater understanding and appreciation of the fine and performing arts.
- To engage students in a creative process which connects an art form and another subject and meets evolving objectives in both.
- To develop imagination, creativity and aesthetic awareness.

MONTH	TOPIC	SKILLS
April	School Playground Tree(sketch pen) Tulip(pencil shading) Octopus Playful dolphin(poster colours) Spaceship Eyes(pencil shading activity) Nose Portrait	Motor skill, Observation Motor Skill, Dexterity Motor Skill, Hand-eye coordination Motor Development, observation Observation, Hand-eye coordination Observation, motor development Hand-eye coordination, Motor development Observation, Motor development Observation, Motor development Observation, Motor development, Hand-eye coordination
May	Cup and saucer Landscape(pastels colours) Bird The Black Buck Lotus(poster colours)	Observation, Decision Making Observation, Motor development Observation, Motor development Hand-eye coordination, Observation, Motor development Observation, Motor development, Hand-eye coordination
July	Madhubani Painting Warli Art Knife Painting Peacock Silhouette Painting	Observation, Hand-eye coordination Observation, Motor Development Observation, Application , Motor development Observation, Motor development, Hand-eye coordination Observation, Application
August	Happy New Year Landscape(drawing by erasing) Book cover design Thread painting	Observation, Application Observation, Motor development, Application Observation, Hand-eye coordination Creativity, Motor development

	Village scene	Observation, Hand-eye coordination, motor development
October	Different Tree Leafy Creatures Vase(vegetable printing) Dancing Girls(pencil shaving) Butterfly(airblow painting)	Observation, Hand-Eye coordination, motor development Decision making, creativity Observation, application Observation, application Application, creativity
November	Tribal mask Giraffe Fish Aquarium Snake(origami) Boat(origami) Santa is coming	Observation, motor development Application, motor development Observation, Hand-eye coordination Motor development, observation Motor development, observation Observation, motor development, hand-eye coordination
December	Book Mark Fish(paper quilling) Butterfly Camel(Mithila art) Dinosaur(hand print activity) Fish(sandpaper)	Observation, motor development, creativity Observation, motor skills, creativity Observation, Motor development, creativity Observation, hand-eye coordination Motor development, creativity Observation, Hand-eye coordination
January	Lamp shade Landscape(paper collage) Fox	Observation, creativity Motor development, hand-eye coordination Awa Motor development, application

EVALUATION SYSTEM:

1. Regularity and maintenance of art work to keep track of their performance.
2. Participation of class activities.

EVALUATION PATTERN:

Term I

- School
- Playground
- Tulip
- Octopus

- Playful dolphin
- Spaceship
- Landscape
- Madhubani Painting
- Warli Art
- Peacock

Term II

- Different Trees
- Vase
- Dancing Girls
- Butterfly
- Fish Aquarium
- Camel
- Landscape
- Dancing Girls
- Giraffe

Suggestions to Parents:

1. Encourage your child to observe the colour, shapes and surroundings around them.
2. Make them believe that they can draw. Boost their confidence by encouraging them.
3. Praise their work and show confidence in them.
4. Discuss their artwork and projects done in school.
5. Introduce new materials and techniques to them.
6. Let them explore the world of art and colours by themselves.

PHYSICAL EDUCATION

<u>Month</u>	<u>Topic</u>	<u>Sub topic</u>	<u>Objectives</u>	<u>Activity</u>
April	Agility, Balance, Coordination	Football	<ul style="list-style-type: none"> • Warm up for other activities • Improve speed and endurance • Move and turn quickly • Others football skills 	<ul style="list-style-type: none"> • Divide children into two groups • Each groups has an equal numbers of markers. • Gaoling skills • Match in two teams
	Agility, Balance, Coordination	Scoring Goals	<ul style="list-style-type: none"> • Move a ball from one end of the playing area to the other • Keep close to a ball when dribbling 	<ul style="list-style-type: none"> • Individually,move a ball from one end of the playing area to the other by dribbling a ball using basketball, bouncing the ball, • kicking skills • Dribble a ball
May	Agility, Balance, Coordination	Throwing and Catching	<ul style="list-style-type: none"> • Develop eye, hand coordination • Develop strength • Anticipate the speed and path of the thrown object • Chest pass, underarm throw, overhead throw and bounce pass. 	<ul style="list-style-type: none"> • An equal number of players stand on one lineand an equal number face them on the other line • Chest pass • Underarm pass • Bounce pass • Overhead pass
	Basic Games Skills	Athletics	<ul style="list-style-type: none"> • Improve speed and power • Take part in simple race • Improve running , jumping, throwing activities 	<ul style="list-style-type: none"> • Jumping : over the cone • Hurdle : run and jump over the four low hurdles • 50m dash

<p>July</p>	<p>Agility, Balance, Coordination</p>	<p>Dog and the Bone</p>	<ul style="list-style-type: none"> • Use agility, coordination and balancing skills activities • Run, swerve, dodge • Learn to avoid being caught 	<ul style="list-style-type: none"> • Children stand in two lines facing each other. Place a hoop and bean bag in the middle of the lines. Teacher called out a number, says 5. The 2 players numbered 5 run and try to pick up the ball. The player who is successful at runs back to their with the ball
<p>August</p>	<p>Agility, Balance, Coordination</p>	<p>Symmetric and asymmetric shapes</p>	<ul style="list-style-type: none"> • Intercept the ball • Develop strength take a role of a defender • Improve throwing, catching and hitting skills • Anticipate the path of a ball and jump and move to intercept it 	<ul style="list-style-type: none"> • Monkey in the centre • Players form a circle with 1 player in the middle • Ball is passed across the circle to each other • Player in the middle tries to intercept the pass
<p>September</p>	<p>Agility, Balance, Coordination</p>	<p>Relay race</p>	<ul style="list-style-type: none"> • Hold position of static balance • Show different symmetric and asymmetric balances • Understand the difference between symmetric and asymmetric shapes • Have fun and work together • improve coordination • Keep a ball under control • Keep alert and move quickly 	<ul style="list-style-type: none"> • Tunnel ball • Arch ball • Arch and tunnel ball • Sitting arch ball
<p>September</p>	<p>Agility, Balance, Coordination</p>	<p>Circle Dodge Ball</p>	<ul style="list-style-type: none"> • improve throwing skills • improve dodging skills • watch the ball and anticipate its path 	<ul style="list-style-type: none"> • Divide the class into groups, each comprising 10-15 children. Team A makes a circle. Team B stand inside the circle made by Team A. Using one soft ball the players in Team A try to

		Agility, Balance, Coordination	Shooting and scoring goals	<ul style="list-style-type: none"> • Throw and aim accurately • Shoot into higher goals and targets • use one handed and two handed throwing actions • jump and shoot with one or two hands • Dribble and shoot. • throw and bounce pass 	<p>hit the players in the middle of the circle below the knee. Play the game for a specified time (2 minutes). Count the number of times the players in the middle are hit. After the specified time the teams change places. The winning team is the team that scored the least number of hit</p> <ul style="list-style-type: none"> • Score a goal by throwing a ball to hit the target. (football)
October	Agility, Balance, Coordination	Agility, Balance, Coordination	basketball	<ul style="list-style-type: none"> • develop eye, hand coordination • develop strength anticipate the speed and path of the thrown object chest pass, underarm throw, overhead throw and bounce pass. • Basketball skills • move a ball from one end of the playing area to the other • keep close to a ball when dribbling • learn where to position oneself to score goals 	<p>An equal number of players stand on one line, and an equal number face them on the other line</p> <ul style="list-style-type: none"> • Run with ball by doing dribble • Basket goal practise • bouncing a ball downwards (as in basketball) • kicking skills • zig zag move with basket ball
		Agility, Balance, Coordination	Dribble and shoot		

			<ul style="list-style-type: none"> Keep an object under control while moving in a zigzag pathway.(basketball) 	
November	Agility, Balance, Coordination Agility, Balance, Coordination	Catch up Passing and shooting	<ul style="list-style-type: none"> develop eye, hand coordination anticipate the speed and path of the thrown object be ready to catch the ball, chest pass, underarm throw, overhead move into a space to receive a pass work together to get from one end of the playing area to the other pass the ball in front of the player receiving the ball pass accurately 	<ul style="list-style-type: none"> Players stand in a circle. Use two balls. Throw and catch the balls around the circle. Try to pass the ball quickly so that the second ball catches the first. With a partner get a ball from one end of the playing area to the other by: <ul style="list-style-type: none"> throwing and catching (try not to move when holding the ball) (1) Bouncing and passing (two bounces and pass the ball).
December	Agility, Balance, Coordination BASIC GAME SKILLS	Basket ball Athletics	<ul style="list-style-type: none"> Improve the skills of running, Dribbling skill Basket skill Running zig zag Physical fitness and skills Mental alertness Ethical qualities 	<ul style="list-style-type: none"> Run with ball doing dribbling skill Try to do basket with both hands Take ball in zig zag way 50M DASH Races
January	Agility, Balance, Coordination	Symmetric and asymmetric shapes	<ul style="list-style-type: none"> Hold position of static balance Combing balancing and moving develop eye, hand coordination anticipate the speed and path of the thrown object 	<ul style="list-style-type: none"> Hold static in Asymmetric on different body parts <p>An equal numbers of players stand on one line ,and an equal number face them on the other line</p> <ul style="list-style-type: none"> Chest pass Underarm pass

	Agility, Balance, Coordination	Throwing and Catching	<ul style="list-style-type: none"> • Chest pass, underarm throw, overhead throw and bounce pass. • improve speed and endurance 	<ul style="list-style-type: none"> • Bounce pass • Overhead pass • Divide children into two groups •
February	Agility, Balance, Coordination Agility, Balance, Coordination	football Circle Dodge Ball	<ul style="list-style-type: none"> • Others football skills • improve throwing skills • improve dodging skills • watch the ball and anticipate its path • Throw and aim accurately. 	Divide children into two groups <ul style="list-style-type: none"> • Each groups has an equal numbers of markers. • Gaoling skills • Match in two teams <ul style="list-style-type: none"> • Divide the class into groups, each comprising 10-15 children. Team A makes a circle. Team B stand inside the circle made by Team A. Using one soft ball the players in Team A try to hit the players in the middle of the circle below the knee. Play the game for a specified time (2 minutes). Count the number of times the players in the middle are hit. After the specified time the teams change places. The winning team is the team that scored the least number of hit

Learning Outcomes

English:

- 1) To articulate the knowledge and skills you want students to acquire by the end of the course.
- 2) All of learning objectives exemplified are measurable in that they point to a clear assessment that can easily check the student's ability.
- 3) The children would have a purposeful vocabulary, they would spell the words correctly and become proficient in the proper usage of language (creative writing) and good communication (verbal)
- 4) Able to read, comprehend and answer the questions with ease and speed.
- 5) Read text with voice modulation and expression.
- 6) Correct usage of Grammar is done in written and spoken form and the students are prepared for the next class.
- 7) Through activities like poem Recitation, dramatization, debates, they are made confident in public speaking.

हिंदी :

- 1) नए शब्दों द्वारा भंडार में वृद्धि।
- 2) नए शब्दों से वाक्य निर्माण द्वारा अभिव्यक्ति में विकास।
- 3) रचनात्मक कार्य द्वारा लेखन प्रतिभा का विकास।
- 4) विषय ज्ञान के दौरान एकाग्रता, आत्मसंयम एवं आत्मविश्वास का विकास।
- 5) नियमित पठन प्रक्रिया के कारण शुद्ध उच्चारण।

Mathematics:

- 1) Develop interest and positive attitude towards Mathematics.
- 2) Appreciate the contributions of mathematicians.
- 3) Learn to calculate faster (mentally also)
- 4) Develop analytical approach and problem-solving ability.
- 5) Recall, differentiate, classify, comprehend, discuss and give examples of the various concepts studied.
- 6) Understand the importance and relate the concepts to real life situations.
- 7) To emerge as skilled persons and grow independent to earn their livelihood.

EVS

- 1) Analyse situations and apply concept to solve the problem.
- 2) Develop scientific approach and problem solving attitude.
- 3) Develop their drawing skills.
- 4) Know about the human body, its organs and their functions.
- 5) Relate the concepts learned with their daily lives.

Computer

- 1) Students will attain an ability to apply knowledge of computing and mathematics appropriate to the discipline.
- 2) Students will attain an ability to analyze a problem, and identify and define the computing requirements appropriate to its solution.
- 3) Students will attain an ability to design, implement, and evaluate a computer-based system, process, component, or program to meet desired needs.
- 4) Students will attain an ability to function effectively on teams to accomplish a common goal.
- 5) Students will attain an understanding of professional, ethical, legal, security and social issues and responsibilities.
- 6) Students will attain an ability to communicate effectively with a range of audiences.
- 7) Students will attain an ability to analyze the local and global impact of computing on individuals, organizations, and society.

General Knowledge

- 1) Development of sensitivity towards language and other cultures.
- 2) Acquisition of thinking skills and development of healthy attitudes and moral values.
- 3) Awareness about their country and world is enhanced.
- 4) The children gained confidence through activities like group discussion and quizzes.

Integrated Art :

1. Develop creativity and imagination through a range of various activities.
2. Improve ability to control materials, tools and techniques.
3. Develop confidence in the use of visual and tactile elements and materials.
4. Use artistic and aesthetic sensibility in day-to-day life situation.
5. Develop sensitivity to qualities of line, shape, colour and tone, texture and pattern.

Suggested Reading

ENGLISH

1. A brief history of Modern India – Spectrum’s
2. Grandma’s Bag of stories – Sudha Murty
3. Great Stories for Children – Ruskin Bond
4. You are born to blossom – APJ Abdul Kalam
5. Sweet Valley – Kids – Bantham Books
6. Noddy Series – Eniel Blyton
7. Stories for the Young Readers – Parragon
8. Animal Ark (Pets) – Lucy Daniel
9. The Adventures of Tom Sawyer – Mark Twain
10. Children of India – Ruskin Bond

हिंदी

1. रंग- बिरंगी कहानियाँ
2. तेनालीरामा के किस्से
3. पंचतंत्र की कहानियाँ
4. जातक कथाएँ
5. भारतीय लोककथाएँ
6. अलादीन और जिन्न
7. चित्तौड़ की रानी कर्मवती
8. अँगुलीमाल
9. हमारे बहादुर बच्चे - रजनीकांत शुक्ल
10. प्रेमचंद की श्रेष्ठ बाल कहानियाँ