

ASN Senior Secondary School
MAYUR VIHAR - I

SESSION – 2022-2023

SYLLABUS

FOR

CLASS IV

INDEX

SL. NO.	SUBJECT
1.	English
2.	Hindi
3.	Science
4.	Mathematics
5.	Social Science
6.	Computer
7.	General Knowledge
8.	Art & Craft

ENGLISH

Learning Outcomes:

PROSE : The learner will be able to

- read aloud with appropriate pronunciation and pause.
- read texts in English with comprehension i.e. identifies main idea, details, sequence and draws conclusion in English.
- express orally his/her opinion/understanding about the story and characters in the story in English.
- develop the skills for listening to the prose form of writing.
- use the active vocabulary words in sentences of his/her own.
- comprehend the text and answer the factual, inferential, referential and evaluative questions.
- develop HOTS (Higher Order Thinking Skills) and answer extrapolative questions.
- perform in role play/ skit in English with appropriate expressions.

POEM : The learner will be able to

- state the central idea of the poem.
- write the summary of the poem.
- recite poems individually/in groups with correct pronunciation and intonation.
- appreciate the poem and enjoy its rhythm and language.
- comprehend the poem and answer the factual, inferential, referential and evaluative questions.

GRAMMAR: The learner will be able to

- identify the various parts of speech which are important for effective communication.
- use meaningful short sentences in English, orally and in writing using a variety of nouns, pronouns, adjectives and prepositions in context.
- use punctuation such as question mark, full stop, exclamation mark and capital letters appropriately.

CREATIVE WRITING : The learner will be able to

- generate simple sentences using active vocabulary and appropriate grammatical structures.
- write sentences in English on personal experiences/events using verbal or visual clues.
- compose short narrative paragraphs to describe daily activities or past events using chronological order.
- develop a topic sentence and supporting sentences to write a paragraph on a familiar topic.

Books Prescribed:

- New Pathways Course Book 4 (Oxford University Press)
- Jolly Grammar Pupil Book 4
- Macmillan Graded Handwriting Series IV
- The Blue Umbrella (Story Book)

Suggested Reading:

- At Least a Fish (By AnushkaShanker)
- The Cherry Tree (By Ruskin Bond)
- The Witches (By Roald Dahl)
- The Boy Who Swallowed a Nail (By Lalita Iyer)

Month	Literature	Grammar	Reading	Writing	Activity
April & May	Unit 3- Veena's New Idea Poem- Mela Menagerie	Sentences & Nouns	Comprehension	Paragraph	Unit 1- Speaking - Completing a chain story. Poem- Making rhyming words
July	Unit 2- Bambi Unit-4- Mulan (Pleasure Reading)	Verbs, Tense – Simple Present and Present Continuous Tense.	Comprehension	Paragraph	Unit 2- Speaking- Talking about yourself. Unit 4- Speaking-Describing a person
August	Unit 8- The Case of the Candy Bandit	Pronouns, Tense-Simple Past and Past Continuous Tense.	Comprehension	Paragraph	Unit 8- Speaking -Making a polite request
September	Unit-9- Dr Dolittle learns a New Language Poem- Talk about Caves	Adjectives, Tense- Simple Future and Future Continuous Tense.	Comprehension	Paragraph	Unit 9- Listening- Listening to Instructions Poem- Poem appreciation

October	Unit-1- Tansen- The Magical Musician Poem- Fireworks	Articles	Comprehension	Paragraph	Unit 1- Speaking - Discussing a map Poem- Recreating a visual treat
November	Unit-7- Grandpa Fights an Ostrich Unit-5- Yeti (Pleasure Reading)	Adverbs	Comprehension	Application Writing	Unit 7- Speaking - Discussing feelings Unit 5- Speaking- Similarities and differences
December	Unit 6- At Least a Fish Poem- I Asked the Little Boy Who Cannot See	Prepositions	Comprehension	Paragraph	Unit 6 - Speaking- Talking about your future Poem - Describing objects while blind folded
January	Poem- Alien Exchange	Conjunctions	Poem Comprehension	Paragraph	Poem- Imagining a situation and drawing a picture
February & March	Unit 10- The Governess (Pleasure Reading)	Revision	Poem Comprehension	Miscellaneous exercises	Unit 10- Speaking- Talking on the telephone

हिन्दी

निर्धारित पुस्तकें

- रिमझिम –भाग 4
- ज्ञान सरोवर–भाग 4
- व्याकरण–भाग 4
- बिखरे मोती–भाग 4

अधिगम सम्प्राप्ति

गद्य

छात्र –

- मानव जीवन की विविध परिस्थितियों और विभिन्न मानसिकताओं का ज्ञान प्राप्त करते हैं।
- शुद्ध उच्चारण और भाव प्रकाशन के अवसर पाते हैं।
- अभिनय कला की शिक्षा प्राप्त करते हैं।
- हाव–भाव, अंग संचालन, भावानुसार आरोह–अवरोह के साथ भावाभिव्यक्ति विकसित करते हैं।

पद्य

छात्र –

- कविता के मूलभाव को समझते हैं।
- पठित कविता की भावात्मक एवं कलात्मक विशेषताओं का ज्ञान प्राप्त करते हैं।
- पाठ्य कविता के नवीन शब्दों को समझते हैं और कविता के अर्थग्रहण की क्षमता का विकास करते हैं।

- पठित काव्यांश में मार्मिक स्थलों की पहचान करते हैं।

व्याकरण

छात्र –

- भाषा के नियमों की जानकारी प्राप्त करते हैं और मानक रूप से परिचित होते हैं।
- शुद्ध उच्चारण और लेखन में निपुणता उत्पन्न करते हैं।
- भाषा के गुण-दोष पहचानने में सक्षम बनते हैं।
- शब्दों और वाक्य निर्माण के संबंध में ज्ञान प्राप्त करते हैं।

रचनात्मक कार्य

- छात्रों में चिंतन, मनन और अभिव्यंजना के तारतम्य की क्षमता का विकास होता है।
- छात्रों की भाषागत क्षमताओं का विकास होता है।
- रचनात्मक और सृजनात्मक प्रतिभा का विकास होता है।
- मौखिक और लिखित अभिव्यक्ति के विविध आयामों की पहचान करके उनके कौशल का विकास करते हैं।

माह	पाठ का नाम	व्याकरण	पठन	रचनात्मक	गतिविधियाँ
अप्रैल – मई	रिमझिम पाठ 10 थप्प रोटी थप्प दाल पाठ 1 मन के भोले-भाले बादल (कविता) ज्ञान सरोवर (स्वाध्ययन) पाठ 1 महाराज रघु का दान पाठ 2 उतावना सो बावला पाठ 3 सत्या बिखरे मोती पृष्ठ संख्या (5–10) ग्रीष्मावकाश कार्य बिखरे मोती पृष्ठ संख्या (11–24)	पुनरावृत्ति 1 और 2 पाठ 1 भाषा और लिपि पाठ 3 संज्ञा लिंग (1–12) वचन (1–12)	अपठित गद्यांश	अनुच्छेद लेखन	तरह-तरह के बादलों के चित्र ए-4 साइज़ की शीट पर बनाइए। ‘थप्प रोटी थप्प दाल’- (नाट्य मंचन)
जुलाई	रिमझिम पाठ 2 जैसा सवाल वैसा जवाब पाठ 5 दोस्त की पोषाक (पठन हेतु) ज्ञान सरोवर (स्वाध्ययन) पाठ 4 गरुड़ की अपनी कहानी पाठ 5 स्वामीभक्त ऊँट बिखरे मोती पृष्ठ संख्या (25–34)	पाठ 2 वर्ण पर्यायवाची (1–10) विलोम (1–10)	अपठित गद्यांश		अपनी मनपसंद कहानी चित्रों द्वारा दर्शाकर उसका शीर्षक और शिक्षा ए-4 साइज़ शीट पर लिखिए।
अगस्त	रिमझिम पाठ 8 कौन (कविता) पाठ 13 हुदहुद ज्ञान सरोवर (स्वाध्ययन) पाठ 6 बिल्ली के गले में घंटी पाठ 7 बाँसुरीवाला बिखरे मोती पृष्ठ संख्या (35–44)	पाठ 6 सर्वनाम वचन (13–24)		अनुच्छेद लेखन	कविता पाठ करते हुए विडियो बनाइए। अपने आस-पास दिखने वाले पक्षियों के चित्र चिपकाकर उनके नाम व बोलियाँ ए-4 साइज़ शीट पर लिखिए।

सितंबर	रिमझिम पाठ 4 पापा जब बच्चे थे पाठ 9 स्वतंत्रता की ओर (पठन हेतु) ज्ञान सरोवर (स्वाध्ययन) पाठ 8 वीर बालक अभिमन्यु पाठ 9 सत्यवादी युधिष्ठिर बिखरे मोती पृष्ठ संख्या (45–54)	पाठ 7 विशेषण लिंग (13–24) वचन (25–35)	अपठित गद्यांश		‘गागर में सागर’ नवाचार द्वारा कहानी को चित्रित कीजिए।
अक्टूबर	रिमझिम पाठ 3 किरमिच की गेंद ज्ञान सरोवर (स्वाध्ययन) पाठ 10 मेरा नाम गंगा पाठ 11 आज़ादी का दीवाना बिखरे मोती पृष्ठ संख्या (55–64)	पाठ 8 क्रिया लिंग (25–36) पर्यायवाची (11–24)		अनुच्छेद लेखन	विभिन्न खेलों की गेंदों के चित्र ए-4 साइज शीट पर चिपकाकर संबंधित खेल का नाम लिखिए।
नवंबर	रिमझिम पाठ 7 दान का हिसाब पाठ 11 पढ़कू की सूझ(कविता) (पठन हेतु) ज्ञान सरोवर (स्वाध्ययन) पाठ 12 धोखेबाज़ दोस्त पाठ 13 माँ की शिक्षा	पाठ 9 विराम चिह्न पर्यायवाची (25–35) विलोम (11–20)	अपठित गद्यांश		‘गागर में सागर’ नवाचार द्वारा कहानी को चित्रित कीजिए।
दिसंबर	रिमझिम पाठ 6 नाव बनाओ नाव बनाओ (कविता) ज्ञान सरोवर (स्वाध्ययन) पाठ 14 कपटी साथी पाठ 15 अकबर और बीरबल	समश्रुत भिन्नार्थक वाक्यांश के लिए एक शब्द(1–11) विलोम (21–30)		अनुच्छेद लेखन	कागज़ की नाव बनाइए।

जनवरी	रिमझिम पाठ 12 सुनीता की पहिया कुर्सी ज्ञान सरोवर (स्वाध्ययन) पाठ 16 सच्चा सेवक पाठ 17 चोर को मोर	पत्र लेखन वाक्यांश के लिए एक शब्द(12–22) विलोम (31–42)	अपठित गद्यांश		‘शीतकालीन अवकाश आपने कैसे बिताया?’ इसका वर्णन करते हुए अनुच्छेद लिखिए।
फरवरी- मार्च	रिमझिम पाठ 14 मुफ्त ही मुफ्त ज्ञान सरोवर (स्वाध्ययन) पाठ 18 अंतिम इच्छा	अशुद्धि शोधन अनेकार्थक (1–14)		अनुच्छेद लेखन	नारियल के पेड़ का चित्र चिपका कर उसके बारे में अनुच्छेद ए-4 साइज़ की शीट पर लिखिए।

SCIENCE

Learning Outcomes:

The students will be able to:

- Ø develop a spirit of enquiry.
- Ø appreciate the world they inhabit and work to conserve the environment.
- Ø solve high order thinking questions and problems.
- Ø acquire investigative and manipulative skills through collaborative activities, experiments and projects.
- Ø question, think and explore.
- Ø develop life skills and imbibe values.

Books Prescribed:

Eureka Plus - 4 published by Dr J M D’ Souza and Dr Kirit J D’Souza – Macmillan Education

Talent & Olympiad Exams Resource Book –Class 4 published by Brain Mapping Academy

Month	Lesson	Learning Outcomes	Hands on activities/Experiments
Apr-May	L-1 Food and Health	SWBAT:-	Experiment – To sprout

	<p>L – 6 Matter and its Three States</p> <p>Resource Book</p> <p>Lesson – 5</p> <p>Lesson – 11</p>	<ul style="list-style-type: none"> · state that why do we need food so that their functions are clear. · list the different nutrients like carbohydrates, fats, proteins, vitamins and minerals to understand their importance. · explain roughage and water so that children know about their biological significance. · define balanced diet in order to know its meaning. · explain the process of digestion to know how it occurs in different parts. · state some good eating habits for proper digestion. · name different ways of preserving food. · outline the importance of outdoor games for keeping fit and healthy. <p>SWBAT:-</p> <ul style="list-style-type: none"> ● define matter to understand its meaning. ● identify matter according to its property. ● distinguish between Mass and Volume in order to understand their physical properties. ● understand about the characteristics of matter based on their molecular arrangement. <p>know the method to change the state of matter by heating or cooling so that we know which state is formed.</p>	<p>some seeds for salad party in the class.</p> <ul style="list-style-type: none"> · Presentation – Different types of nutrients · Role play- Digestive System <p>Experiments- To show-</p> <ul style="list-style-type: none"> *Solid has a definite shape and volume *Liquid and gas do not have a definite shape. *Gas occupies space. *soluble and insoluble substances in water <p>Scrap file activity- show molecular arrangement in three states of matter with the help of bindis, stars or some other materials</p>
July	L-2 My Teeth	<p>SWBAT:-</p> <p>recognize the different types of teeth and their functions and appreciate the importance of each one.</p> <p>illustrate the structure of a tooth to know different layers present in it.</p>	<p>Experiment- To show tooth decay with egg shell or chalk.</p> <p>Demonstration – Correct tooth brushing technique</p>

	<p>L-5 How Do Animals Increase in Number?</p> <p>Resource Book</p> <p>Lesson -6</p> <p>Lesson – 4</p>	<p>appreciate the importance of following proper dental hygiene and practise them in their daily lives.</p> <p>identify and name some useful and harmful microbes in order to know the diseases caused by them and the products obtained from useful microbes.</p> <p>SWBAT:-</p> <ul style="list-style-type: none"> · recall the names of animals and their young ones to indicate the reasons why all animals reproduce. · illustrate the two ways of reproduction in order to know how different animals give birth to their babies. · enlist the names of egg laying animals and mammals to understand their difference. · understand the meaning of Hatching and incubation to develop their Scientific temper. · explain the life cycles of butterfly and frog to know their different stages. · create a web chart on Egg laying animals and unusual mammals to develop the critical thinking of the students. 	<p>Group Discussion- Teeth and their functions and how to keep our teeth healthy.</p> <p>Clay Modelling – Different types of teeth</p> <p>Scrap File activity – Show life cycle of different animals with the help of cutouts.</p>
August	L- 4 Adaptations in Plants	<p>SWBAT:-</p> <ul style="list-style-type: none"> · recall various types of plants growing in land & water for knowing the meaning of terrestrial and aquatic animals. · enlist adaptations in terrestrial & aquatic plants in order to know about the adjustment in their surroundings. · classify terrestrial and aquatic plants with examples to develop their 	Collage Work - Types of terrestrial and aquatic plants

	Resource Book Lesson-1	<p>Scientific temper.</p> <ul style="list-style-type: none"> · compare adaptations of various types of terrestrial & aquatic plants to know their exact difference. · discuss about the special features of mangroves to understand their importance. · create a web chart on different types of plants with examples to develop their critical thinking. 	
September	L-11 Our Green World Assignment	<p>SWBAT:-</p> <ul style="list-style-type: none"> · recall the different types of pollution for knowing the impurities added to water bodies. · enlist the measures to conserve water and reduce pollution in order to preserve resources. · illustrate the need of soil conservation to prevent soil erosion. · follow environment friendly practices to save environment. · create a Web Chart on different uses of forests to summarize their importance. · mention the uses of Sanctuaries and National parks in order to protect animals. 	<p>Project- Types of pollution</p> <p>Poster-Save the environment</p>
October	L-3 Plants and Their Food	<p>SWABT:-</p> <ul style="list-style-type: none"> · explain the Process of Photosynthesis in simple sentences to understand the process of making food. · observe a leaf to identify its parts like leaf veins and midrib · recall the factors in order to understand how they help in making food. · identify parasitic plants and insectivorous plants as per their feeding habits. 	<p>Experiment –</p> <p>*Starch Test</p> <p>*To show a stem carries water from roots to all parts of the plant.</p> <p>Scrap file activity- Show photosynthesis with cut-outs</p>

	<p>Resource Book</p> <p>Lesson –2</p>		
November	<p>L 9 The Earth and Other Planets</p> <p>Resource Book</p> <p>Lesson –10</p>	<p>SWBAT:-</p> <ul style="list-style-type: none"> ● relate the formation of day and night with the rotation of the earth. ● differentiate a star from a planet in order to understand their properties. ● list the planets in the correct order as they occur in the Solar System ● recognize the planets as per their important features so that we understand the special facts about them. 	<p>Experiment- Rotation of Earth using Globe and torch</p> <p>Scrap file Activity- Rotation of the earth and the solar system with the help of cutouts.</p>
December	<p>L-10Why Do We Have Seasons?</p> <p>Resource Book</p> <p>Lesson – 10 contd.</p>	<p>SWBAT:-</p> <ul style="list-style-type: none"> ● relate the change of seasons with the revolution of the earth. ● distinguish between : Rotation and Revolution along with their time period to know the movement of earth around the sun and on its axis. ● apply the knowledge learnt in studying the seasons in different parts of the earth to clear the idea of revolution and tilt of earth. ● explain why it is warm in summer and cold in winter to understand the type of sun rays falling on earth. ● explore about the Solar System to know their basic facts. 	<p>Experiment- Revolution of Earth using Globe and torch</p> <p>Scrap file Activity- Revolution with the help of cutouts.</p>
January	<p>L- 7 Force, Work and Energy</p>	<p>SWBAT:-</p> <ul style="list-style-type: none"> ● recall the effects of force to know the changes in position of the object ● identify when work is said to be done by applying force to know it is when the object moves on applying force. ● explain the significance of Inclined plane in daily life to know how to 	<p>Poster- Solar power to highlight the uses of solar energy</p>

April	Unit -1 Place Value of Large Numbers Resource book Chapter-1: Large numbers Chapter-2: Roman Numerals	Learners will be able to <ul style="list-style-type: none"> ● Explain the term perimeter and circumference in order to find the distance along the given figure ● Find the ● Differentiate between place value and face value in order to make comparison of numbers ● Understand the meaning of periods in order to differentiate numbers according to International and Indian Number system ● Apply the concept of Comparison in order to arrange numbers in ascending and descending order. ● Understand estimation in order to round off the numbers to nearest 10, 100 and 1000 ● Identify the symbols used by Romans in order to read and write Roman Numerals from 1 to 39. 	<ul style="list-style-type: none"> ● Roll the dice- building and comparing numbers ● Build the tables using Roman Numerals
May	Unit 2 Addition and Subtraction Resource book Chapter-3: Addition and Subtraction	<ul style="list-style-type: none"> ● Develop an understanding of arithmetic operations and techniques. ● Recall the properties of addition and subtraction in order to apply in the sums ● Explore different methods of addition and subtraction in order to find the sum and difference ● Perform addition and subtraction up to 5-digit numbers with and without grouping in order to understand the concept of grouping. ● Identify the operation in order to solve the word problems related to day to day life. ● Realize the importance of addition and subtraction in real life in order to understand the use of addition and subtraction in real life. 	<ul style="list-style-type: none"> ● Tambola activity ● Cootie Catchers
July	Unit-3 Multiplication of Numbers	<ul style="list-style-type: none"> ● State the properties of multiplication ● Multiply up to 4-digit number by 1-digit number ● Multiply up to 3-digit number by 2-or 3- digit number ● Apply strategies to estimate the product of numbers ● Apply multiplication to solve real life problems. ● Framing word problem based on given multiplication facts. 	<ul style="list-style-type: none"> ● Frame the Word problem ● Roll the dice- Multiplication Facts
	Unit-4 Division of Numbers	<ul style="list-style-type: none"> ● State the properties of division ● Divide up to 4-digit number by a 1-digit number 	

October	Unit-6 Fractions Resource book Chapter-6 Fractions	<ul style="list-style-type: none"> ● Develop an understanding of the term fractions as part of a whole ● Identify different types of fractions ● Find the equivalent fractions ● Simplify a fraction to its lowest term ● Distinguish between like and unlike fractions ● Compare like fractions and arrange them in ascending / descending order ● Convert improper fractions into mixed numbers and vice versa ● Add and subtract like fractions ● Apply the usage of fractions in real life situations 	<ul style="list-style-type: none"> ● Transforming a whole into fractions ● Show equivalent fractions using paper strips
November	Unit-10 Money Unit-9 Time Resource book Chapter-9 Time	<ul style="list-style-type: none"> ● convert rupees into paise and vice - versa ● add and subtract money ● solve real life problems involving money ● read time to the exact minute ● convert different units of time ● tell time in 12-hour and 24-hour format 	<ul style="list-style-type: none"> ● Draw the clocks to show Elapsed Time ● Money Activity-Can you buy it?
December	Unit- 12 Perimeter and Area Resource book Chapter - 10:Perimeter and Area	<ul style="list-style-type: none"> ● Define perimeter and area ,state their units ● Find the perimeter of a shape from its sides ● Find the area of a shape by counting unit squares. 	<ul style="list-style-type: none"> ● Perimeter and Area Robots ● Trace the polygons and find the perimeter and area
January	Unit -8 Measurement Chapter-7 Measurement	<ul style="list-style-type: none"> ● State the units for measuring length, weight and capacity in the metric system and state the relationship between the units. ● Measure the length of different objects using a scale/measuring tape. ● Draw a line segment of a given length using a scale. ● Convert from one unit to another higher or lower unit. ● Add, subtract, multiply and divide length, weight and capacity in the metric system. ● Solve real life problems related to units of measurement. 	<ul style="list-style-type: none"> ● Metric measures- Create a Puzzle

February	Unit -13 Volume and Nets	<ul style="list-style-type: none"> • Differentiate between volume and Capacity • find the volume of 3D shapes by counting the number of unit cubes • identify the nets and views of different 3D shapes 	<ul style="list-style-type: none"> • Create solid shapes using Nets
-----------------	---------------------------------	--	--

SOCIAL STUDIES

PRESCRIBED BOOKS:

- 1) My Wonderful Book of Social Studies–CORDOVA
- 2) Workbook of Social Studies.

LEARNING OBJECTIVES:

- 1) They will be able to learn about India, its political and physical divisions.
- 2) They will be able to understand and explain India's varied culture and diversity.
- 3) They will be able to identify soil type, climate, industries etc.
- 4) They will be able to practice the sense of Unity in Diversity.
- 5) They will be able to construct the levels of government along with rights and duties.

<u>MONTH</u>	<u>CHAPTER</u>	<u>ACTIVITIES</u>	<u>ASSIGNMENT</u>
April -May	L-1 India : Our Country L-2 The Northern Mountains L- 14 Agriculture	1) Map Work: (a) Physical divisions of India. (b) Locating Northern mountain and its states. 2) To Construct the web chart on types of animals, forest & their uses. 3)Activity related to crops, climate and states where they are grown	Assignment 01 Our Country Assignment 02 The Northern Mountains. Assignment 14 Our Agriculture
July	L- 3 The Northern Plains L- 4 The Western Desert L- 12 Our Mineral Wealth	1) Diagram related to the location of Northern Plains. 2) Table regarding state, capital, dress etc. 3) Map Work: (a) Location of northern plains and Western Desert (b)Location of state lying in Northern plains and The Great Indian Desert. 4) Group discussion based on exhaustible and Inexhaustible resources. 5) Activities based on the minerals used at our home.	Assignment 03 The Northern Plains Assignment 04 The Western Desert Assignment 12 Our Mineral resources
August	L- 5 The Southern Plateaus L- 6 The Coastal Plains and The Islands L-7 The Climate of our country	1) Diagram related to Location of southern Plateaus. 2) Table of states, capitals. Dance etc. 3) Activity based on climate of India 4) Map Work: (a) Location of southern Plateaus. (b) Location of states lying in southern Plateaus. 1) To Construct a table regarding states, Capitals, dress, festivals etc.	Assignment 05 The Southern Plateaus Assignment 06 The Coastal Plains and Islands Assignment 07 The Climate of our country

		2) Diagram related to Location of Coastal plains and Islands. 3) Map Work: (a) Location of Coastal plains and Islands. (b) Location of states lying in Coastal plains. 5) Presentation on my favorite season.	
September	L- 15 Our Industries L-10 Forests Wealth	1) I-PAD craftivity on different types of Industries 2) Web chart based on Forest And Wildlife Of India 3) Activity based on conservation of forest	Assignment 15 Our Industries Assignment 10 Our Forest Wealth
October	L- 13 Our Human Resources L- 16 Means Of Transport	1) Paste pictures related to transport. 2) Activity based on Human Resource Development programs.	Assignment 13 Our Human Resources Assignment 16 Means of Transport
November	L- 18 Local Self - Government L- 22 They Made History	1) Paste picture of Parliament, Present Prime Minister and President. 2) Paste pictures of Religious Leaders, Social reformers and Scientists.	Assignment 18 Our government Assignment 22 They Showed Us The Way
December	L-19 Rights And Duties L- 20 Our National Symbols	1) Activity: Construct a flower and write all six fundamental rights. 2) Draw different National Symbols	Assignment 19 Our Rights and Duties Assignment 20 Our National Symbols
January	L- 11 Water Resources L- 17 Communication	1) Poster on the topic Every Drop Counts 2) Visit post Office and collect Stamps, Envelopes, post card etc. 3) Paste pictures related to Communication	Assignment 11 Our Water Resources Assignment 17 Means Of Communication
February- March	L-8 Natural Resources L-9 Soils of India L-21 Our Culture	1) Draw different Musical instruments and write their names. 1) Collect different types of soils and write crops related to it.	Assignment 08 Our Natural Resources Assignment 09 Soils of India Assignment 21 Our Rich Heritage

COMPUTER

PREScribed BOOK:

Computer Basics and Coding with AI

MONTH	TOPIC	Learning Outcomes	ASSIGNMENT
April	Ch-1 Hardware and Software	Student will be able to understand : <ul style="list-style-type: none"> ● Input devices, output devices, storage devices and processing devices and the differences among them. ● Types of Hardware and Software ● Antivirus 	<input type="checkbox"/> Word - Prepare Class Time-Table using Table <input type="checkbox"/> Prepare datesheet
May	Ch-2 Storage and Memory	Student will be able to understand : <ul style="list-style-type: none"> ● Types of Memory ● Primary Memory and Secondary Memory 	<input type="checkbox"/> Word - Formatting the document Powerpoint
July	Ch – 3 Getting Started with Coding Ch- 4 Algorithm	Student will be able to understand : <ul style="list-style-type: none"> ● What is Coding? ● Scratch Tool ● Rules of writing a Algorithm 	<input type="checkbox"/> Algorithm for making a cup of tea, adding 2 numbers
August	Ch-5 Drawing Sprites Ch-6 Variable	Student will be able to understand: <ul style="list-style-type: none"> ● How to draw a Sprite or its Costume presentation ● What is a Variable , How to set a Variable and to change the value of a variable. ● Show and Hide a Variable 	<input type="checkbox"/> Making a Piano Activity - Hide and Seek Game
September		Revision Practical Exam & Viva	
October	Ch-7 Artificial Intelligence Ch-8 AI Connect	Students will be able to understand: <ul style="list-style-type: none"> ● What is Artificial Intelligence? ● Applications of AI ● What to do with AI-Connect? ● How to log into AI Connect? ● How to add/ remove blocks in the editor? 	<input type="checkbox"/> Create a Project Draw a line
November	Ch-9 Turtle	Students will be able to understand : <ul style="list-style-type: none"> ● What is Turtle? ● How to create a Turtle? ● Things to do with Turtle 	<ul style="list-style-type: none"> ● Creating different theme based projects

December	Ch-10 Angles	Students will be able to understand : <ul style="list-style-type: none"> • What are Angles? • Turning Left or Right 	<ul style="list-style-type: none"> • To draw a triangle, Square, L/T
January	Ch-11 Fun with Designs	Students will be able to understand : <ul style="list-style-type: none"> • What is Circle? • How to make a Circle? 	<input type="checkbox"/> different turtles
February-March		REVISION Practical Exam & Viva	

GENERAL AWARENESS

LEARNING OBJECTIVES:

- 1) The students will be able to learn about India, its political and physical divisions.
- 2) The children will be able to focus on the understanding of India's varied culture and diversity.
- 3) The students will be able to develop healthy food habits.
- 4) The students will be able to sense the importance and relevance of Unity in Diversity.
- 5) The children will be able to learn the art of Fun with Learning.

PRESCRIBED BOOK:

Know for sure – Siddhartha Basu

<u>MONTH</u>	<u>CHAPTER</u>	<u>ACTIVITIES</u>
April/May	The World Around Me	1) Paste the pictures of the famous personalities who have made India proud
July	The Natural world	1) Make a design using dry leaves.
August	The Natural world (continued)	1) Make a collage on animals.
September	Science and Technology	1) Draw any two equipments used by doctors.

October	Things Around Me	1) Design a poster on ‘Swachh Bharat Abhiyaan’ 2) Draw or paste any two pictures of machines which helps you in daily life.
November	Sports	1) Research about any two sportswomen whose lives have been depicted through a movie. 2) Current affairs related to sports.
December	Art and Culture Mixed Bag	1) Make a story map of one of the famous movie ‘Jungle book’. 2) Practice any five Palindromes. (Eg: Jalaj)
January	Mixed Bag (continued)	1) Solve a word maze in the newspaper.
February- March	Numbers and Logical skills	1) Make your own SUDOKU.

ART & CRAFT

PRESCRIBED BOOK:

- Craft & Colours - 4

Month		Topics	Learning Outcomes
April	Element of Art(colour) (Craft & Colours Book Activity) Page No-3 to 12	<ul style="list-style-type: none"> ● Page No-3(Texture) ● Page No-4(Colouring) ● Page No-5(Colouring with Value) ● Page No-6(Hidden Figure) ● Page No-7(Element -Line) ● Page No-8(Element-Colours) ● Page No-9(Paper Collage) ● Page No-10(Fevicol Spreading) ● Page No-11(Stippling Art) ● Page No-12(Pencil Colour) 	<ul style="list-style-type: none"> ● acquire knowledge of basic elements and principles of Art- Line, Form, Shapes, Texture through different activities. ● recognize and evaluate basic elements of art like colour, line, form, texture etc. ● recognize and evaluate different forms like colour stripping ● analyse the importance of colours in our life. ● produce creative work using different colour densities, textures etc. ● develop the art of observation and expression using light and dark colour tones.
May	(Craft & Colours Book Activity) Page No-13 to 20	<ul style="list-style-type: none"> ● Page No-13(Colouring) PageNo-14(Colouring) ● Page No-15(Colouring) ● Page No-16(Texture colouring) ● Page No-17(Texture Colouring) ● Page No-18(Texture Colouring) ● Page No-20(Mosaic Art) 	<ul style="list-style-type: none"> ● develop the art of observation and expression using light and dark colour tones. ● develop aesthetic sense with Mosaic Art ● comprehend the art of balancing colours in a painting.

July	Indian art (Art File Activity)	<ul style="list-style-type: none"> ● Pata chitra (lord Jagannath Ji) ● Madhubani Art(birds) ● Cartoon making(dora and boots/doremon) ● Poster on-Road Safety 	<ul style="list-style-type: none"> ● engage with the knowledge of our rich cultural heritage through Indian Art. ● understand the art of detailing involved in Madhubani Art. ● brainstorm ideas on various themes to be incorporated in Indian Art. ● acquire the knowledge of our rich history of art.
August	patriotic (Art File Activity)	<ul style="list-style-type: none"> ● Independence day craft ● Drawing on independence day ● doodle art (lord ganesha) 	<ul style="list-style-type: none"> ● develop imaginative power and express their thoughts using colours. ● recognize and evaluate the difference between primary, secondary, cold and warm colours. ● develop the art of observation and expression using light, medium and dark colour tones.
September	Draw and Colour (Art File Activity)	<ul style="list-style-type: none"> ● Poster on-Save Animal ● Poster on Save Wild Life ● Poster on Save Environment ● Poster on save energy 	<ul style="list-style-type: none"> ● comprehend the art of balancing colours in a painting. ● develop problem solving skills by brainstorming solutions to various problems while creating art. ● connect with the elements of the environment and think about the solutions to protect Earth.
October	festival drawing (Art File Activity)	<ul style="list-style-type: none"> ● Festival drawing ● dusshera drawing ● Rangoli Making ● Poster -say no to crackers 	<ul style="list-style-type: none"> ● enhance imaginative skills and produce creative works using perspective drawing. ● enhance imaginative skills and produce creative works using 2point perspective drawing. ● social awareness ,save our environment.
November	Step by step colouring & textures (Craft & Colours Book Activity) Page no-21 to 30	<ul style="list-style-type: none"> ● Page No-21 (Mask) ● Page No-22(Colouring) ● Page No-23(Positive &Negative ● Page No- 24(Stippling Art) ● Page No-25(step by step) ● Page No-26(Blow painting) ● Page No- 27 (Paper Craft) ● Page No-28(Colouring) ● Page No-29 (Scenery Craft) ● Page No-30(Pencil Colours) 	<ul style="list-style-type: none"> ● Acquire the skill of appreciating the beauty of art with various tones of dark and light shading ● enhance motor skills through paper craft. ● develop creative artistic skills using clay and different techniques of craft. ● express ideas and thoughts with blow painting and create their own objects.
December	craft (Craft & Colours) Page No-31 to 41	<ul style="list-style-type: none"> ● Page No-31(Colouring) ● Page No- 32 33(Paper plate) ● Page No- 34 (Paper cutting) ● Page No-36 37 (Clay molding) ● Page No- 39 (Craft) ● Page No- 41 (Paper Craft) 	<ul style="list-style-type: none"> ● .express ideas and thoughts using their own objects like clay, paper plate,paper for craft etc. ● enhance focus, concentration, fine motor skills and mathematical calculations through the art of Paper Folding.

January	Draw and colour (Art File Activity)	<ul style="list-style-type: none"> ● Winter scene ● Children playing garden ● Drawing on arm force day ● Sports day celebration 	<ul style="list-style-type: none"> ● develop imaginative power and express their thoughts using colours. ● demonstrate understanding of art through ground, foreground and background landscaping. ● construct original art by visualizing things and situations
February- March	Poster Making (Art File Activity)	<ul style="list-style-type: none"> ● Drawing on five elements ● Poster on Stop Pollution ● Poster on Save Water 	<ul style="list-style-type: none"> ● express thoughts through poster making in tune with our social and environmental issues. ● portray thoughts through slogans. ● devise solutions and create awareness with posters.