



SPLIT-UP SYLLABUS

Class – IV

SUBJECT-ENGLISH

TEXTBOOKS:

1. MY CANVAS – MAIN COURSE BOOK (MCB)
2. CLIMB WITH CORNER STONE – GRAMMAR

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	<p>MCB</p> <p>Chapter1 – The River Bank.</p> <p>Grammar</p> <p>Chapter 2. The Sentence</p>	<ul style="list-style-type: none"> ● To understand a story from the narrator’s as well as the character’s perspective ● To learn to study characters, theme and ideas in a story ● To understand how what is unknown is perceived to be scary ● To develop vocabulary. ● To understand basic structure of sentences.
JUNE	<p>MCB</p> <p>Chapter 1-The Champa Flower</p> <p>Grammar</p> <p>Chapter 3 -Subject and Predicate <u>Reading skill</u>: Unseen Passage</p>	<ul style="list-style-type: none"> ● recite the poem with the correct intonation and voice modulation. ● appreciate the poem. ● Students will be able to identify complete subjects and predicates in sentences. ● Conceptual understanding, analyzing, inferring, interpreting and vocabulary
JULY	<p>MCB</p> <p>Chapter 4-How I Taught My Grandmother</p> <p>Chapter 5-How the little kite learned to fly.</p> <p>Grammar</p> <p>Chapter 5 - Negative Sentences</p> <p>Chapter 7- Kinds of Nouns</p> <p>Picture Composition</p>	<ul style="list-style-type: none"> ● Read the text fluently and with correct pronunciation. ● Develop vocabulary and learn usage of “new words”. ● Appreciate the value of education and literacy. ● Get acquainted with the author “Sudha Murthy” and read some of her famous works. ● Recite the poem with the correct intonation and voice modulation. ● Appreciate the poem. ● Understand the correct usage of prefixes and suffixes to form new words. ● Understand the difference between Positive ● Learn to form positive and negative sentences. ● Identify different types of nouns.

		<ul style="list-style-type: none"> ● Recollect thoughts and express them correctly. ● Enhance creativity. ● Describe the given picture using their understanding and imagination.
AUGUST	<p>MCB Chapter 8 - These Simple Things</p> <p>Grammar Noun (Singular and Plural)</p> <p>Writing Task Guided Paragraph writing</p>	<ul style="list-style-type: none"> ● Read the poem with correct pronunciation and intonation. ● Know about Ruskin bond. ● Appreciate and enjoy the poem. ● Recognise the rhyme scheme in the poem. ● To gain an understanding of the terms 'singular' and 'plural'. ● To investigate and learn spellings of words with 's' for plurals. ● Write a paragraph on the given topic with the help of the hints provided. ● To recollect thoughts and express them correctly. ● Enhance creativity.
HALF YEARLY EXAMINATION (23 AUGUST TO 9 SEPTEMBER 2024)		
SEPTEMBER	<p>MCB Chapter 6- Wonderful Kalam</p> <p>Grammar Noun (Gender)</p> <p>Articles</p> <p>Dialogue Completion</p>	<ul style="list-style-type: none"> ● Read the text fluently and with correct pronunciation. ● Learn about Dr Abdul Kalam and his contributions as a scientist. ● Acknowledge the significance of hard work. ● Enhance vocabulary. ● Define and understand nouns of different gender. ● Identification and classification of nouns. ● learn to change gender of a given noun. ● Define and distinguish between indefinite and definite articles. understand the usage of indefinite and definite articles. ● To recollect thoughts and express them correctly. ● Enhance creativity.
OCTOBER	<p>MCB Chapter 11 – Thomas Alva Edison</p> <p>Chapter 9 – La Tomatina</p> <p>Grammar Verbs</p> <p>Subject Verb Agreement</p>	<ul style="list-style-type: none"> ● To develop vocabulary ● Read the poem with correct pronunciation and intonation. ● To know about Thomas Alva Edison. ● To appreciate and enjoy the poem. ● To understand the structure of descriptive essays. ● To comprehend the terms associated with tradition, culture and festivals. ● Develop vocabulary. ● To familiarise the students with La Tomatina – a cultural festival of Spain. ● To appreciate the varied culture, and the festivals that different countries celebrate. ● Understand and identify ‘verbs’ and its three types action, being and possession ● Understand how the subject and verb complement each other in a sentence. ● Forming sentences where the subject and verb agree with each other. ● Understand how the subject and verb complement each other in a sentence. ● Forming sentences where the subject and verb agree with each

NOVEMBER	<p>MCB</p> <p>Chapter 13-An Indian Train Journey</p> <p>Grammar</p> <p>Adjectives Degrees of Comparison</p> <p>Prepositions Time- at, on, in Place- at, on, in Direction- after, into, at</p> <p>Simple Tenses- Present, Past and Future</p>	<p>other.</p> <ul style="list-style-type: none"> ● Read the text fluently and with correct pronunciation. ● Analyse characters, theme, and ideas in the story. ● Understand the story from the narrator's as well as the character's perspective. ● Answer with reference to the context. ● Enhance vocabulary and learn about homonyms. ● Get acquainted with the author 'Jules Verne' ● Identify the three degrees of adjectives. ● Learn their usage. ● Change the degree of the given adjective. ● understand the function and usage of different prepositions in a sentence ● Understand and learn the usage of tenses in spoken and written Expression.
December	<p>MCB</p> <p>Chapter 15-Androcles and the Lion</p> <p>Grammar</p> <p>Continuous Tense- Present and Past</p>	<ul style="list-style-type: none"> ● Read and understand drama as a literary genre. ● Imbibe values of compassion and helping others. ● Comprehend the text and answer the questions. ● Enhance vocabulary and learn about similes. ● Understand and learn the usage of tenses in spoken and written Expression
JANUARY- FEBRUARY	REVISION FOR ANNUAL EXAMINAION	

NOTE:Following chapters will be assessed for internal assessment –

1. A Strange Case
2. The way Animals talk
3. Bravo! Amir Agha!
4. Global Warming
5. Dances of India

SUBJECT-HINDI

- 1.हिंदीपाठमाला – नईआशाएंपाठ
2. हिंदीव्याकरण – हिंदीव्याकरण –

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	पाठ – 1 जी होता चिड़िया बनजाऊँ	<ul style="list-style-type: none"> ● स्वतंत्रता,प्रकृतिप्रेम एवं सौन्दर्य बोध का ज्ञान
	पाठ – 2 ईदगाह	<ul style="list-style-type: none"> ● आत्मनियंत्रण ,बाल मनोविज्ञान एवं ममता तथा प्यार की

	व्याकरण - भाषा ,वर्णविचार , शब्द , वाक्य	<p>अनुभूति</p> <ul style="list-style-type: none"> व्याकरण की प्राथमिक समझ विकसित करना एवं शब्द तथा वाक्य का ज्ञान कराना
JUNE	पाठ – 3 मेरा बचपन	<ul style="list-style-type: none"> स्वतंत्रता का महत्त्व एवं पशु-पक्षी के प्रति संवेदना जगाना
	पाठ – 4 अनोखी खोज	<ul style="list-style-type: none"> वैज्ञानिक दृष्टिकोण ,सच्चाई एवं मेहनत के गुणों का विकास करना
JULY	पाठ – 5 मैं तैयार हूँ	<ul style="list-style-type: none"> पारिवारिक स्नेह ,आत्मविश्वास ,समस्या समाधान एवं दृढ़ता के गुणों का विकास करना
	पाठ – 6 झरना	<ul style="list-style-type: none"> सौंदर्य बोध ,हिम्मत ,निडरता के गुणों का विकास करना
	व्याकरण – संज्ञा , लिंग , वचन, सर्वनाम	<ul style="list-style-type: none"> परिभाषा ,भेद, उत्पत्ति ,उदाहरण का ज्ञान करना
AUGUST	पाठ – 7 रोबोट मेरा दोस्त	<ul style="list-style-type: none"> विज्ञानकथा ,वैज्ञानिक दृष्टिकोण एवं मित्रता के गुणों का विकास करना
	व्याकरण- विशेषण, क्रिया , काल , अशुद्धि संशोधन	<ul style="list-style-type: none"> परिभाषा ,भेद, उत्पत्ति ,उदाहरण का ज्ञान करना

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SEPTEMBER	पाठ – 8 लाजवाब उत्तर	<ul style="list-style-type: none"> हास्य ,सूझ – बूझ ,चतुराई एवं आत्मविश्वास के गुणों का विकास करना
	पाठ – 9 सबका साइबर कैफ़े	<ul style="list-style-type: none"> जागरूकता, निर्णयलेना ,सहयोग एवं तार्किक सोच के गुणों का विकास करना
	व्याकरण – विराम- चिह्न पर्यायवाची शब्द विलोम शब्द	<ul style="list-style-type: none"> विराम चिह्न के प्रयोग का ज्ञान करना परिभाषा ,भेद, उत्पत्ति ,उदाहरण का ज्ञान करना समानार्थी एवं विपरीत अर्थ प्रकट करने वाले शब्दों का ज्ञान करना
OCTOBER	पाठ – 10 शूतुरमुर्ग	<ul style="list-style-type: none"> शूतुरमुर्ग पक्षी की जानकारी एवं जीवन चक्र की समझ जानकारी प्रदान करना
	पाठ – 11 बुद्धि का कमाल	<ul style="list-style-type: none"> बुद्धिमत्ता ,आदर एवं सूझ – बूझ की समझ विकसित करना
	व्याकरण – मुहावरे चित्रवर्णन संवाद लेखन	<ul style="list-style-type: none"> एकाग्रता एवं बौद्धिक गहराई की समझ विकसित करना शब्द के प्रयोग का ज्ञान कराना
NOVEMBER	पाठ – 12 खेलो – कूदो , खुश रहो	<ul style="list-style-type: none"> स्वास्थ्य ,खेल- कूद के प्रति जागरूकता एवं पारिवारिक प्रेम के महत्त्व को परिभाषित करना
	पाठ – 13 मधुछत्ता	<ul style="list-style-type: none"> पर्यावरण संरक्षण कके प्रति जागरूक बनाना

	व्याकरण – पत्र लेखन निबंध लेखन वाक्य- लेखन, अनुच्छेद लेखन, कहानी लेखन अनेक शब्दों के लिए एक शब्द	<ul style="list-style-type: none"> • पत्र के प्रकार के महत्त्व का ज्ञान • बौद्धिक गहराई की समझ विकसित करना • शब्द के प्रयोग द्वारा वाक्य निर्माण का ज्ञान कराना • जागरूकता, निर्णयलेना ,सहयोग एवं तार्किक सोच के गुणों का विकास करना
DECEMBER	पाठ – 14 साङ्केतिक त्योहार	<ul style="list-style-type: none"> • त्योहार – संस्कृति की समझ विकसित करना
	पाठ 15- परिश्रम का महत्त्व	<ul style="list-style-type: none"> • समस्या- समाधान ,निर्णयलेना एवं परिश्रम के महत्त्व को परिभाषित करना
	व्याकरण – अपठित गद्यांश, अभ्यास	<ul style="list-style-type: none"> • अपठित गद्यांश अभ्यास
JANUARY- FEBRUARY	REVISION FOR ANNUAL EXAMINATION	

SUBJECT- ODIA

TEXTBOOKS:

1.ଆମ ପିଲାଙ୍କ ଭାଷା –ସାହିତ୍ୟ ଓ ବ୍ୟାକରଣ

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	Ch-1 ସ୍ତବ	<ul style="list-style-type: none"> • ମହାପ୍ରଭୁଙ୍କ ମହିମା ବିଷୟରେ ଜାଣିପାରିବେ • ଭକ୍ତକବି ଓ ଭକ୍ତର ମହିମା ସମ୍ପର୍କରେ ଜ୍ଞାନ ଆହରଣ କରିବେ • ନୂତନଶବ୍ଦ ,ପ୍ରତିଶବ୍ଦ ,ଗଦ୍ୟରୂପ , ବିପରୀତ ଶବ୍ଦ ବିଷୟରେ ଜ୍ଞାତ ହେବେ
JUNE	Ch-2 ବୀର ବର୍ଣ୍ଣନା ବାଳକଧରମା	<ul style="list-style-type: none"> • କୋଣାର୍କର ରଜତହାସ ଓଓଡ଼ିଶାର ସଂସ୍କୃତି ବିଷୟରେ ଜ୍ଞାନଆହରଣ କରିବେ • ଧରମାର ଅବଦାନ ଓ ମହତ୍ତ୍ୱ ବିଷୟରେ ଜାଣିପାରିବେ
JULY	Ch-3 ବୁଦ୍ଧିଯାତ୍ରା ବଳତାର	<ul style="list-style-type: none"> • ବିଭିନ୍ନ ପଶୁ ପକ୍ଷୀଙ୍କ ନାମ ଓ ଠେକୁଆର ବୁଦ୍ଧି ବିଷୟରେ ଜାଣିପାରିବେ • ପାଣିରେ ଛାଇ କିପରି ହୁଏ ସେହି ସମ୍ପର୍କରେ ଜ୍ଞାନ ଆହରଣ କରିବେ
	Ch-4 ଏଇ ମୋ ଦେଶ	<ul style="list-style-type: none"> • ଦେଶ ଓ ଦେଶସେବାର ମନୋଭାବ ବିଷୟରେ ଜାଣିପାରିବେ • ମା ,ବାପା ,ଗାଁ ଓ ଜନ୍ମମାଟି ପାଇଁ କର୍ତ୍ତବ୍ୟ ସମ୍ପର୍କରେ ଜ୍ଞାନ ଆହରଣ କରିବେ • ଶୁଦ୍ଧଅଶୁଦ୍ଧ ,ଗଦ୍ୟରୂପ , ବିପରୀତ ଶବ୍ଦ ବିଷୟରେ ଜ୍ଞାତ ହେବେ
	Ch-5 ଅଲିଭା ସଳିତା ବାଜିରାଉତ	<ul style="list-style-type: none"> • ପରାଧୀନ ଭାରତ ଓ ଓଡ଼ିଶା ବିଷୟରେ ଜାଣିପାରିବେ • ସହିଦ ବାଜିରାଉତର ସାହସ ଓ ଦେଶପ୍ରେମର ଅମର ଗାଥା ସମ୍ପର୍କରେ ଜ୍ଞାତ ହେବେ
AUGUST	Ch-6 ଉତ୍କଳ ଗୌରବ ମଧୁସୂଦନ ଦାସ	<ul style="list-style-type: none"> • ଜାତିଯତ୍ନ ବୋଧ ସମ୍ପର୍କରେ ଛାତ୍ରଛାତ୍ରୀ ମାନେ ସୂଚନା ପାଇପାରିବେ • ମଧୁବାବୁଙ୍କ ଜୀବନୀର ସମ୍ପର୍କରେ ଜ୍ଞାନ ଆହରଣ କରିବେ
	Ch-7 ବକବନ୍ଧୁ	<ul style="list-style-type: none"> • ବନ୍ଧୁତ୍ୱ ଓ ଶଠତା ମନୋଭାବ ବିଷୟରେ ପାର୍ଥକ୍ୟଭେଦ କରିପାରିବେ • ପ୍ରତିଶବ୍ଦ ବାକ୍ୟ ଗଠନ ,ଗଦ୍ୟରୂପ ବିଷୟରେ ଜ୍ଞାତ ହେବେ
HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)		

SEPTEMBER	Ch-8 ଠେକୁଆ ଅମର ହେଲା	<ul style="list-style-type: none"> ବିଭିନ୍ନ ପଶୁପକ୍ଷୀ ଓ ଠେକୁଆର ମହାନତା ବିଷୟରେ ଜାଣିପାରିବେ । ଶୁଦ୍ଧଅଶୁଦ୍ଧ ,ଗଦ୍ୟରୂପ ,ପ୍ରତିଶବ୍ଦ,ବିପରୀତ ଶବ୍ଦ ବିଷୟରେ ଜ୍ଞାନଆହରଣ କରିବେ ।
	Ch-9 ଡାମରା କାଉ	<ul style="list-style-type: none"> ଡାମରା କାଉର ଦୋଷ ଓ ଗୁଣ ବିଷୟରେ ଜାଣିପାରିବେ । ନୂତନଶବ୍ଦ ,ଗଦ୍ୟରୂପ ବିଷୟରେ ଜାଣିପାରିବେ ।
OCTOBER	Ch-10 ତୁମପରି ଛୋଟ ପିଲାଟିଏ	<ul style="list-style-type: none"> ସରଳ ଆଦିବାସୀ ଜୀବନ ଓ ଗଛ ରତ୍ନପକାରିତା ବିଷୟରେ ଜାଣିପାରିବେ । ସିତୁଳା ର ଜଙ୍ଗଲ ପ୍ରତି ଭଲ ପାଇବା ବିଷୟରେ ଜାଣିପାରିବେ । ଶୁଦ୍ଧଅଶୁଦ୍ଧ ,ପ୍ରତିଶବ୍ଦ,ବିପରୀତ ଶବ୍ଦ ବିଷୟରେ ଜ୍ଞାତ ହେବେ ।
	Ch-11 ସୁନ୍ଦର ସଂସାର	<ul style="list-style-type: none"> ବିଶାଳ ସଂସାର ଓ ତାର ସୁନ୍ଦରତା ବିଷୟରେ ଜାଣିପାରିବେ । ପ୍ରତିଶବ୍ଦ,ଗଦ୍ୟରୂପ,ବିପରୀତ ଶବ୍ଦ ବିଷୟରେ ଜ୍ଞାତ ହେବେ ।
NOVEMBER	Ch-12 ତିନିସାଜ	<ul style="list-style-type: none"> ବାପୁଙ୍କ ଜୀବନୀ ଓ ପୁରୁଣା ଜିନିଷର ଆଦର ବିଷୟରେ ଜାଣିପାରିବେ । ବିପରୀତଶବ୍ଦ ,ବାକ୍ୟଗଠନ ବିଷୟରେ ଜ୍ଞାନଆହରଣ କରିବେ ।
	Ch-13 ଆ'ଜହମାମୁଁ	<ul style="list-style-type: none"> ଛାତ୍ରଛାତ୍ରୀ ମାନେ ଜହମାମୁଁ ଓ କୁନି ଶିଶୁପାଖରେ ଥିବା ଆଦର ମନୋଭାବ ବିଷୟରେ ଜାଣିପାରିବେ ।
DECEMBER	Ch-14 ତୁଳସୀର ଆତ୍ମକଥା	<ul style="list-style-type: none"> ତୁଳସୀର ଔଷଧୀୟ ମାହାତ୍ମ୍ୟ ବିଷୟରେ ଜାଣିପାରିବେ । ବାକ୍ୟଗଠନ,ବିପରୀତ ଶବ୍ଦ ବିଷୟରେ ଜ୍ଞାତ ହେବ ।
	Ch-15 ବର୍ଷା ଆସୁଛି	<ul style="list-style-type: none"> ବର୍ଷାରତ୍ନ ଓ ତାର ମହିମା ବିଷୟରେ ଜାଣିପାରିବେ । ବାକ୍ୟଗଠନ,ଶୁଦ୍ଧଅଶୁଦ୍ଧ ,ଗଦ୍ୟରୂପ , ବିପରୀତ ଶବ୍ଦ ବିଷୟରେ ଜ୍ଞାତ ହେବେ ।
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SUBJECT-MATH

TEXTBOOKS:

1. Mathematics - Textbook for class IV - CES Publication
2. Mathematics exemplar problems for class IV, CES publication

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	Unit - 1 Place Value and Numbers	Students will be able to understand <ul style="list-style-type: none"> Place value system Read and write large numbers Comparing of numbers and arranging them
JUNE	Unit - 2 Addition and Subtraction	Students will be able to <ul style="list-style-type: none"> Perform Addition and Subtraction of Large Numbers Understand and apply place value concepts to perform addition and subtraction. Application in Real-Life Situations
JULY	Unit – 3 Multiplication	<ul style="list-style-type: none"> Perform multiplication of Large Numbers Application in Real-Life Situations

	Unit – 4 Division	<ul style="list-style-type: none"> ▪ Perform multiplication of Large Numbers ▪ Application in Real-Life Situations
AUGUST	Unit – 5 Geometry	<ul style="list-style-type: none"> ▪ Understand and identify basic geometrical concepts Recognize and draw different types of lines
	Unit-6 Data handling	<ul style="list-style-type: none"> ▪ Understand the concept of data and its significance in daily life.
SEPTEMBER	Unit – 7 Multiples and Factors	<ul style="list-style-type: none"> ▪ Understand the concept of multiples and factors. ▪ Understand the properties of multiples and factors.
	Unit – 8 Fraction	<ul style="list-style-type: none"> • Understand the concept of a fraction as a part of a whole. • Recognize and write fractions from visual representations.
OCTOBER	Unit – 9 Symmetry and Patterns	<ul style="list-style-type: none"> • Define and understand the concept of symmetry. • Identify lines of symmetry in various shapes and objects. • Recognize symmetrical and asymmetrical shapes.
	Unit – 10 Measurement	<ul style="list-style-type: none"> • Understand and use standard units of length • Measure lengths accurately using rulers • Convert between different units of length
NOVEMBER	Unit – 11 Perimeter	<ul style="list-style-type: none"> • Understand and use the concept of perimeter. • Calculate the perimeter of simple geometrical shape.
DECEMBER	Unit – 12 Time	<ul style="list-style-type: none"> • Understand and use the terms related to time • Read and interpret time on analog clocks
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SUBJECT- SCIENCE

TEXTBOOKS:

1. Living Science 4, Author- LekshmiMenon, Louisa Chawhan, Publication- RatnaSagar

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	Lesson-1 : Food and Digestion	<ul style="list-style-type: none"> • Explain the role of each digestive organ and the importance of a balanced diet. • Analyze nutritional content, create balanced meal plans, and conduct basic digestion experiments. • Appreciate the complexity of the digestive system and promote healthy eating habits.
JUNE	Lesson-2: Teeth and Microbes	<ul style="list-style-type: none"> • Identify and describe different types of teeth and their functions. • Understand tooth structure and the importance of dental hygiene. • Recognize common dental issues and how to prevent them.

	Lesson-3: Safety First	<ul style="list-style-type: none"> Recognize and explain basic safety rules at home, school, and in public places. Understand basic first aid procedures for common injuries like cuts, burns, and falls. Demonstrate understanding of road safety rules, including crossing streets safely and understanding traffic signals.
JULY	Lesson-4: The Right Clothes to Wear	<ul style="list-style-type: none"> Recognize and categorize different types of clothing for various occasions and weather conditions. Describe the properties of different fabrics and how they influence clothing choices (e.g., cotton, wool, synthetic materials). Explain the importance of choosing appropriate clothing for different seasons and weather conditions.
	Lesson-5: Solids, Liquids and Gases	<ul style="list-style-type: none"> Recognize and describe the three states of matter: solids, liquids, and gases. Understand and explain the properties of each state, such as shape, volume, and the arrangement of particles. Explain how matter can change from one state to another (e.g., melting, freezing, evaporation, condensation) through heating and cooling.
AUGUST	Lesson-6: Plants-Preparing and Storing Food	<ul style="list-style-type: none"> Understand and describe the process of photosynthesis and its importance in food preparation for plants. Identify the parts of the plant involved in photosynthesis (leaves, chlorophyll, sunlight). Explain how and where plants store the food they produce.
HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)		
SEPTEMBER	Lesson-7: Living and Surviving	<ul style="list-style-type: none"> Recognize and articulate the basic needs of living things, including food, water, air, and shelter. Understand how living organisms adapt to their environments to meet their needs for survival (e.g., camouflage, hibernation). Describe essential life processes such as growth, reproduction, respiration, and excretion.
	Lesson-8: Animals- How Life Goes On	<ul style="list-style-type: none"> Identify and describe the life cycles of different animals, including birth, growth, reproduction, and death. Understand animal behaviors and adaptations that help them survive and reproduce in their habitats. Recognize human impact on animal habitats and ecosystems, and discuss conservation efforts to protect animals and their environments.
OCTOBER	Lesson-9: Animals- Living and Surviving	<ul style="list-style-type: none"> Identify and explain the basic needs of animals for survival, including food, water, air, and shelter. Understand how animals adapt to their environments through physical and behavioral adaptations. Describe various survival strategies animals use, such as migration, hibernation, and camouflage.
	Lesson-10: Force, Work and Energy	<ul style="list-style-type: none"> Recognize different forms of energy, including kinetic, potential, and thermal energy. Understand how simple machines (like levers, pulleys, and inclined planes) make work easier by using force and energy.

NOVEMBER	Lesson-11: The Earth and Its Neighbour	<ul style="list-style-type: none"> Understand and describe the basic structure of the Earth, including the crust, mantle, and core. Identify and describe the components of the solar system, including the sun, planets, and moons. Gain a basic understanding of space exploration and its importance in learning about the Earth and its neighbours.
	Lesson-12: Air, Water and Weather	<ul style="list-style-type: none"> Describe the water cycle and its stages, including evaporation, condensation, and precipitation. Understand how weather is influenced by air and water, and identify common weather patterns and phenomena. Discuss the impact of weather on daily life, including how it affects activities, clothing, and safety.
DECEMBER	Lesson-13: A Clean World	<ul style="list-style-type: none"> Identify different types of waste (biodegradable and non-biodegradable) and methods of proper waste disposal. Explain the concepts of reducing, reusing, and recycling materials to minimize waste. Recognize various forms of pollution (air, water, land) and their impact on the environment..
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SUBJECT-SOCIAL STUDIES

TEXTBOOKS:

1. Social Studies - Textbook for Class- IV – My Big Book of Social Studies

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	Ch-1 I Love My India	The students will be able to: <ul style="list-style-type: none"> locate India on the world map. differentiate various physical features of India. locate the water bodies that surround India and our neighbouring countries
	Ch-2 The Northern Mountains	<ul style="list-style-type: none"> learn about the extent of the mountains and the hill ranges in India. recall the names of the parallel ranges of the Himalayas.
JUNE	Ch-3 The Northern and Coastal Plains	<ul style="list-style-type: none"> define terms. understand the formation of plains. recall the names of states that lie in the region. learn about the lifestyle of people. mark the northern and coastal plains on the map and understand why the soil of the northern plains is so fertile.
JULY	Ch-4 The Western Desert	<ul style="list-style-type: none"> understand the extent of the thar desert. define terms. life of the people locate the thar desert on the map and learn about the lifestyle of the people living there.
	Ch-5 The Southern Plateaus and the Islands	<ul style="list-style-type: none"> differentiate between plateau and hill and between rivers in northern plateau and southern plateau.

		<ul style="list-style-type: none"> ● evaluate the lifestyle of people in each state and group on the island. ● identify the difference between a plateau and a hill and a peninsula and an island. Mar
	Ch-6 Our Climate	<ul style="list-style-type: none"> ● realize that clothing and food habits depend on the climate of a place. ● distinguish between weather and climate. ● define terms. ● distinguish between weather and climate and understand that the lifestyle of people depends on the climate of a place.
AUGUST	Ch-7 Our Soils	<ul style="list-style-type: none"> ● understand the process and formation of soil. ● differentiate types of soil ● define terms such as manure, lava rock, alluvial soil, and humus. ● analyse the reason behind soil erosion. • learn various types of steps taken to prevent soil erosion.
	Ch-8 Our Agriculture	<ul style="list-style-type: none"> ● define terms such as agriculture, pesticides horticulture, etc. ● understand the importance of agriculture. ● differentiate between food and cash crops and identify states where these are grown. ● understand the importance of agriculture and list down cash crops and food crops.
	Ch-9 Our Industries	<ul style="list-style-type: none"> ● To learn about industries in India, including major sectors like textile, automobile, and information technology (IT), and understand their contribution to the economy and employment.
HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)		
SEPTEMBER	Ch-10 Transport and Communication	<ul style="list-style-type: none"> ● differentiate between transport and communication. ● identify various means of transport and communication and role of communication in education.
	Ch-11 Our Natural Resources	<ul style="list-style-type: none"> ● define natural resources. ● introduction to different natural resources • differentiate between renewable and non- renewable natural resources.
	Ch-12 Our Forests	<ul style="list-style-type: none"> ● tell the importance of forests and their products. ● differentiate between afforestation and deforestation. ● understand the features of each forest. • recognise forests yet another natural resource and the importance of forests for the whole animal kingdom and to maintain the balance on the earth.
OCTOBER	Ch-13 Our Water Resources	<ul style="list-style-type: none"> ● recognise the importance of water. ● identify different sources of water and irrigation. ● identify water as an important natural resource, recognize various sources of water, and learn various methods to conserve water.
	Ch-14 Our Mineral Resources	<ul style="list-style-type: none"> ● define and understand the meaning of mineral and ore. ● differentiate between metallic and non-metallic minerals. • discuss the importance of fossil fuels and their judicious use.
	Ch-15 Emperor Akbar	<ul style="list-style-type: none"> • reason out why emperor Akbar was called Akbar the great ● list down names of rulers defeated by him in various battles. ● understand that all religions are equal and appreciate the monuments built by them.
NOVEMBER	Ch-16 The Age of Exploration	<ul style="list-style-type: none"> ● learn about explorers. ● understand the motives of explorers for undertaking the expedition. ● define terms. ● understand the contribution of explorers.

		<ul style="list-style-type: none"> ● describe the contribution of the explorers to the world and trace the routes taken by different explorers
	Ch-17 Our Rich Culture	<ul style="list-style-type: none"> ● understand the diversity of India in terms of language, dresses, music, monuments, paintings, handicrafts, and festivals. ● differentiate between folk and classical dance, Hindustani, and Carnatic music. ● appreciate the diversity of Indian culture
	Ch-18 Our Rights and Duties	<ul style="list-style-type: none"> ● understand the concept of the constitution and the significance of 26th January as Republic Day. ● recall and enlist all fundamental rights and fundamental duties learn about the significance of being a republic and list down the rights connected to duties
DECEMBER	Ch-19 Local Self Government in Cities	<ul style="list-style-type: none"> ● define civic amenities. ● understand three levels of government and working. ● understand the role of local governing bodies.
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SUBJECT-COMPUTER

TEXTBOOKS: IT Planet- Code AI Plus

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	Ch-1 Computer- Inside the System Unit	Student will learn about Understand about system unit, Identify the components inside the system unit, Identify the different type of ports in the system unit.
JUNE	Ch-2 Personalizing Window	Student will learn about Understand about Windows 10 and starting it, Learn how to switch between running apps, Organize running programs into two or more desktops, Lock and unlock your computer, Understand the use of Settings app to customize tasks.
JULY	Ch-3 Word-Table and Mail Merge	Student will learn about Understand various features of word, Create document using various feature, insert table and text in it, Use mail merge to produce personalized document.
AUGUST	Ch-4 PowerPoint- Creating Presentation Worksheet-I	Student will learn about <ul style="list-style-type: none"> ● Change PowerPoint views and slide layout, Add slide transition and animation effects, Run save and print a presentation. ● Practice Chapter-1 to 4 in Worksheet.
HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)		
SEPTEMBER	Ch-5 Internet- Surfing and Security	Student will learn about Understand about Internet and its history, Understand the advantage and disadvantages of using Internet, Identify the equipment that help us connect to internet, Use search engine and web browser, Understand the guidelines to follow for online safety.

OCTOBER	Ch-6 Algorithm and reasoning	Student will learn about Understand about algorithm and sequencing, Understand about branching(If- then) statement, Understand debugging and reasoning .
NOVEMBER	Ch-7 More about Scratch 3	Student will learn about Understand about Scratch and its elements, Generate new sprite using different methods, Understand stage and how to change its background, Work with two sprites and create event-based programming, Understand forever block and saving a project.
DECEMBER	Ch-8 AI in Smart Homes Worksheet-II	Student will learn about <ul style="list-style-type: none"> Understand the need and goals of AI, Understand the role of AI in smart homes, Learn about some smart home products. Practice Chapter-5 to 8 in Worksheet.
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SUBJECT-GENERAL KNOWLEDGE

TEXTBOOKS:

Do you Know? Cambridge Publication

MONTHS	UNIT/ CHAPTER	LEARNING OUTCOMES
APRIL	Unit-1 My Country	<ul style="list-style-type: none"> Students will learn about various facts about our Country.
JUNE	Unit-2 Around the World	<ul style="list-style-type: none"> Students will learn about different continents , water on earth, etc.
JULY	Unit-2 Around the World Continue... Unit-3 Environment and the World of Science	<ul style="list-style-type: none"> Students will learn about Natural sobriquets, natural disaster, etc. Students will learn about Eclips, computer, science and their contribution, etc.
AUGUST	Unit-4 The World of the Plants and Animals Unit-5 Art and Literature	<ul style="list-style-type: none"> Students will learn about various animals. Students will learn about various art and literature across the world.
HALF YEARLY EXAMINATION (23 AUGUST 2024 to 9 SEPTEMBER 2024)		
SEPTEMBER	Unit-5 Grammar and Language	<ul style="list-style-type: none"> Students will learn about Grammar and how it is used.
OCTOBER	Unit-6 Sports and Game	<ul style="list-style-type: none"> Students will learn about different sports and games.
NOVEMBER	Unit-7 Moral values and life Skills	<ul style="list-style-type: none"> Students will learn about moral values, life skills and communication and how to use them when in public.
DECEMBER	Unit-8 Mind Games	<ul style="list-style-type: none"> Students will learn about various Mind Games by doing activity and putting

		Logics.
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SUBJECT-PHYSICAL EDUCATION

MONTH	TOPIC	LEARNING OUTCOME
APRIL	1.Yoga Exercise Bhujangaasana and Shavasana 2.Basketball dribble 3.Athletics – Standing Stance 4.Relay- Batton Exchange	<ul style="list-style-type: none"> • Increased flexibility and strength in the spine and core. • Improved ball-handling skills and coordination. • Improved balance and stability for various athletic movements. • Enhanced speed and efficiency in passing the baton.
JUNE	1.Yoga Exercise Halasana 2.Ball Game Catching and throwing 3.Hurdle Steps Practice 4.Shuttle Run	<ul style="list-style-type: none"> • Improved flexibility and muscle strength, especially in the back and shoulders. • Developed hand-eye coordination and timing skills. • Increased agility and speed in navigating obstacles. • Enhanced cardiovascular endurance and stamina.
JULY	1.Yoga Exercise Practice of Uttanpadasana and Vajrasana 2.Ball Game Aiming practice 3.Recreational Games – Leg Cricket 4.Yoga Exercise Practice of Surya Namaskar	<ul style="list-style-type: none"> • Enhanced concentration and mindfulness through focused breathing and posture alignment. • Enhanced hand-eye coordination and motor skills. • Improved teamwork and communication skills through collaborative gameplay. • Enhanced mental clarity and stress reduction through synchronized movement and breath control.
AUGUST	1.Yoga Exercise Practice of both asanasTadasana and Vajrasana 2.Ball Game Throwing at target 3.Kho-Kho 4.Hockey Dribble (Tapping & Rolling	<ul style="list-style-type: none"> • Improved posture and body alignment through regular practice. • Enhanced hand-eye coordination and accuracy in aiming. • Enhanced agility and speed in movements while playing. • Improved ball control skills, including dribbling techniques.
SEPTEMBER	1.Athletics Races (Practice) 2.Rhythmic Activities- Jumping 3.Recreational Game – Mini Football 4.Pec Activity – Leg Cricket (Fun Game)	<ul style="list-style-type: none"> • Improved speed and agility through regular sprinting drills. • Increased cardiovascular fitness and stamina from continuous jumping exercises. • Enhanced teamwork and communication skills through playing in a team setting. • Improved hand-eye coordination and reflexes from batting and fielding in leg cricket.
OCTOBER	1.Athletics (Short distance Race) 2.Athletics (Overhead Ball Throw) 3.Athletics (Hurdle Race) 4.Rhythmic Activity (Relay Race)	<ul style="list-style-type: none"> • Develops speed, agility, and quick reflexes. • Improves upper body strength and coordination. • Enhances leg strength, flexibility, and coordination. • Promotes teamwork, communication, and collaboration skills.
NOVEMBER	1.Athletics (Throwing ball) 2.Athletics (Running drills) 3.Athletics(Relay- Batton Exchange) 4.Pec Activity (Relay- Race)	<ul style="list-style-type: none"> • Develop proper throwing technique for improved accuracy and distance. • Improve running speed and agility through specific drills and exercises. • Develop communication and teamwork skills necessary for

		<p>successful relay races.</p> <ul style="list-style-type: none"> • Foster a spirit of healthy competition and sportsmanship among participants.
DECEMBER	<p>1.Athletics (Short distance Race) 2.Athletics (Overhead Ball Throw) 3.Rhythmic Activity (Wall Tossing) 4.Pec Activity (ZigZag Run)</p>	<ul style="list-style-type: none"> • Improved cardiovascular endurance and stamina. • Development of upper body strength and coordination. • Enhanced hand-eye coordination and timing. • Strengthening of leg muscles and core stability during lateral movements.
JANUARY	<p>1.Yoga Padmasana and Shavasana 2.Basketball (Dribble & Chest Pass) 3.Basketball (Dribble & Shoot) 4.Basketball (Fun Game)</p>	<ul style="list-style-type: none"> • Improved flexibility and posture through regular practice of Padmasana. • Enhanced coordination and ball-handling skills from mastering dribbling techniques. • Increased shooting accuracy and confidence developed by honing dribbling skills. • Enhanced sportsmanship and teamwork fostered through enjoyable game experiences.

SUBJECT-DANCE

MONTHS	TOPIC	LEARNING OUTCOME
APRIL	<p>1.Basic knowledge of Classical dance 2.Basic Steps of Odissi dance Chouka no- 1 to 4 3.Asamyukta Hasta Mudras 1 to 7</p>	<ul style="list-style-type: none"> • Students will Participants understanding of classical dance forms, including their history, techniques, and cultural significance. • Students will be able to understanding Chouka steps 1 to 4 in Odissi dance.
JUNE	<p>1.Basic Step of Bharatnatyam Tatta Aadavu no- 1 to 8 2.Asamyukta Hasta Mudras 1 to 10</p>	<ul style="list-style-type: none"> • Students will focuses on mastering the basic steps of Bharatnatyam, including Tatta Aadavu steps 1 to 8, which form the foundational movements essential for developing grace and precision in this classical dance form. • Students will demonstrate proficiency in performing Asamyukta Hasta Mudras 1 to 10, showcasing their understanding of non-paired hand gestures in classical Indian dance forms, such as Bharatanatyam or Odissi
JULY	<p>1.Basic Step of Folk dance 2.Asamyukta Hasta Mudras 1 to 13</p>	<ul style="list-style-type: none"> • Students will demonstrate proficiency in executing the basic steps of various folk dances from different cultures. • Students will demonstrate proficiency in performing Asamyukta Hasta Mudras 1 to 13, showcasing their understanding of non-paired hand gestures in classical Indian dance forms,
AUGUST	<p>1. Dance based on Patriotic song. 2.Asamyukta Hasta Mudras 1 to 15</p>	<ul style="list-style-type: none"> • Students will demonstrate proficiency in choreographing and performing a dance routine set to a patriotic song, • Students will practicing Asamyukta Hasta Mudras 1 to 15, learners can enhance their physical and mental coordination, which is essential for expressing emotions and concepts in

		classical dance forms.
SEPTEMBER	1. Bhartanatyam Natta Aadavu no-1 to 5 2. Basic Steps of folk dance 3. Samyukta Hasta Mudra no-1 to 7	<ul style="list-style-type: none"> Students will learn Bharatanatyam Natta Aadavu no-1 to 5, students will demonstrate proficiency in executing these foundational foot movements with precision and grace.
OCTOBER	1. Bhartanatyam Natta Aadavu no-1 to 8 2. Samyukta Hasta Mudra no-1 to 8	<ul style="list-style-type: none"> Students will focus on mastering the basic steps of Bharatanatyam, including Tatta Aadavu steps 1 to 8, which form the foundational movements essential for developing grace and precision in this classical dance form. Students will practicing Asamyukta Hasta Mudras 1 to 8, learners can enhance their physical and mental coordination,
NOVEMBER	1. Sports Day dance preparation	<ul style="list-style-type: none"> Students will demonstrated enhanced coordination and teamwork skills through their rigorous preparation for the Sports Day dance performance.
DECEMBER	1. Annual Day Practices	<ul style="list-style-type: none"> Students will Participants develop confidence and stage presence through rigorous preparation and coordination during annual day practices.
JANUARY	Republic Day preparation	<ul style="list-style-type: none"> Students will Participants develop confidence and stage presence through rigorous preparation and coordination during Republic day practices.

SUBJECT-MUSIC

MONTHS	UNIT/ CHAPTER / TOPIC	LEARNING OUTCOMES
APRIL	1. Ram Bhajan 2. Prayer song (Iti Shakti humedena data)	Students will learn <ul style="list-style-type: none"> Culture and Traditional music In-tune singing
JUNE	Alankar 1 to 6	Students will learn basic techniques
JULY	Sargam Geet – (Raag Bhoopali)	Students will learn and practice <ul style="list-style-type: none"> Classical music Swaras
AUGUST	Patriotic song	<ul style="list-style-type: none"> Students will demonstrate an understanding of patriotism by recognizing and respecting national songs
SEPTEMBER	Krishna Bhajan	<ul style="list-style-type: none"> Students will learn Cultural and Traditional music
OCTOBER	Ganesh Vandana	<ul style="list-style-type: none"> Students will develop a deeper understanding of the spiritual significance
NOVEMBER	RaagDurga – (Aaroh, avroh and sthayi)	<ul style="list-style-type: none"> Sur and Taal skills Classical Music
DECEMBER	1. Annual day practices	Students will develop team work with collaboration and

		respect.
JANUARY	Practice of all songs	<ul style="list-style-type: none"> Recapitulation of songs

SUBJECT-ART AND CRAFT

MONTH	TOPIC	LEARNING OUTCOMES
APRIL	Basic Fundamental Course in Visual Art Still life study(fruits)-oil pastel-basic steps	<ul style="list-style-type: none"> Student will learn how to use the Material. Student will learn Basic pencil Oil pastel technique. Like capture the light & shading and blending. To understand how to draw a Still-life Learning how to draw a Fruits.
JUNE	Still life study(fruits)-oil pastel-basic steps Final art work	<ul style="list-style-type: none"> Student will learn how to use the Material. Student will learn Basic pencil Oil pastel technique. Like capture the light & shading and blending. To understand how to draw a Still-life Learning how to draw a Fruits.
JULY	Rakhi Making with paper and craft items.	<ul style="list-style-type: none"> Student will learn how to make a Rakhi. Understand basic craft technique with mixed media
AUGUST	Independence Day Decoration Tricolor kite making -Basic steps	<ul style="list-style-type: none"> Learning how to make a Kite with tricolour papers. Develop creative skill. Student will develop fine motor skill.
SEPTEMBER	Clay modeling- Basic steps	<ul style="list-style-type: none"> To understand how to create a 3D form in visual art. Basic modeling technique with mixed media Student develop artistic mind.
OCTOBER	Wall hanging -Ganesh-basic steps	<ul style="list-style-type: none"> Student will Learn how to make a wall hanging with Paper and craft items. To understand the value of team work. Develop artistic mind.
NOVEMBER	Sports Day Decoration Annual Carnival Decoration	<ul style="list-style-type: none"> Learning Decoration idea. Material and it is use Basic craft technique with mixed media Team work
DECEMBER	Annual Day Decoration	<ul style="list-style-type: none"> Learning Decoration idea. Material and it is use Basic craft technique with mixed media Team work
JANUARY	Horse making with modeling clay	<ul style="list-style-type: none"> Student will learn how make a butterfly with colorful clay. Learning Material and it's use. Basic modeling technique with mixed media