



**Bal Bharati**  
PUBLIC SCHOOL  
Sector-21, Noida, G.B. Nagar

**SYLLABUS -2022-23**  
**CLASS –IV**

**TEXTBOOKS**

**My New Canvas - IV (MCB)**

**Corner Stone Grammar and Composition Skills - IV**

MONTH	COURSE BOOK/ WORK BOOK/ SUPPLEMENTARY READER	GRAMMAR/SKILL ASSESSMENT	LEARNING OUTCOME	ACTIVITY/ INNOVATIVE PEDAGOGIES/CO-SCHOLASTIC ACTIVITIES
April	<p><b>Course Book:</b> 1.The River Bank</p> <p><b>Cornerstone:</b> L-7Nouns-Types, L-8 Singular Plural, L-9 Gender, L-10 Possessive Nouns</p> <p><b>Vocabulary Words</b></p>	<p>Recap of previous year <b>Grammar:</b> Countable/Uncountable nouns, <a href="#">Countable And Uncountable Nouns   English Grammar   Periwinkle - YouTube</a></p> <p><a href="#">Introduction - Countable And Uncountable Noun - YouTube</a></p> <p>Collective nouns: <a href="#">Collective Nouns   English Grammar   Periwinkle - YouTube</a></p> <p><b>WS:</b> Gap fill In- Picture Composition <b>Short Description of a Person</b> <b>SS:</b> Interview with Water Rat and Mole <b>LS:</b> <a href="#">DIKSHA Custodian Org</a></p>	<p>Students would be able to – Comprehend the text critically, Identify the techniques of written language, Learn new vocabulary, and develop confidence through Speaking skills.</p>	<p>Students to describe their hobbies: Individual Activity, <b>JAM</b> on Water Animals supported with illustrations. <b>Chef's special:</b> Design a recipe : Salad making <b>Music Integration : Song</b></p>

MAY	<p><b>Course Book:</b> 2.The Champa Flower</p> <p><b>Cornerstone:</b> L: 15 - Verbs</p> <p><b>Vocabulary Words</b></p>	<p><b>Grammar:</b> Pronouns – Personal <a href="#">Personal Pronouns   English Grammar   Periwinkle - YouTube</a>, Demonstrative <a href="#">The Demonstratives   English Grammar   Periwinkle - YouTube</a>.</p> <p><b>WS: Paragraph writing with Key words given</b></p> <p><b>SS-LS:</b> <a href="#">DIKSHA Custodian Org.</a></p>	<p>Students would be able to recite the poem with correct pronunciation, stress, intonation, pause and articulation of voice. Students will also learn to compose a poem, write with correct usage of language skills while writing.</p>	<p><b>Card Making:</b> Vegetable printing Mother's Day Card</p> <p><b>Develop and compose a poem</b> related to animal kingdom to be read out in the class.</p> <p><b>SS: Puchho to samjhe (cross questioning)</b></p>
<p align="center"><b>SUMMER BREAK HOME-WORK (INTEGRATED PROJECT):</b></p>				
July	<p><b>Course Book:</b> 3.The Way Animals Talk</p> <p>4. How I taught my Grandmother to Read</p> <p><b>Cornerstone:</b> L: 20 - Contractions, L:26 - Interjection, L:11- Pronouns</p> <p><b>Vocabulary Words</b></p>	<p><b>Grammar:</b> Adjectives- degrees of comparison <a href="#">Degrees of Comparison   Grade 4   Periwinkle - YouTube</a> verb agreement Activity IV (Level A2 Lesson 1) at the link <a href="https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf">https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf</a></p> <p><b>WS: : completing/sequencing a story</b> Activity V (Level A2 Lesson 1) at the link <a href="https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf">https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf</a></p>	<p>To develop vocabulary, to understand the text critically and the structure of informative essays, develop speaking skills, able to apply grammar in speaking and writing skills.</p>	<p><b>Write a diary entry about your visit to the zoo.</b> <b>Make different animals through Origami</b></p> <p><b>SS: Debate-</b> 'The importance of formal versus informal education. <a href="https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook">https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook</a> To understand the importance of books and their role in spreading education and literacy.</p> <p><b>SS: Interview of Dr. Kalam Roleplay (in pairs of two) + Ask Yourself ( Self made questions)</b></p>

<p><b>August</b></p>	<p><b>Course Book:</b> 5.How the little kite learned to fly 6. Wonderful Kalam</p> <p><b>Cornerstone:</b> <b>L- 12 Adjectives</b> <b>L- 13 Degrees of Comparison</b> <b>L- 22 Adverbs</b> <b>L- 23 Adverbs</b></p> <p><b>Vocabulary Words</b></p>	<p><b>Grammar:</b> Adverbs – Types of Adverbs: Place, Manner, Time Activity V (Level 2 Lesson 5) given at link <a href="https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf">https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf</a></p> <p>Activity VIII (Level A2 Lesson 1) at the link <a href="https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf">https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf</a></p> <p><b>WS: Short Composition based on pictures</b></p>	<p>Students will be able to read and comprehend independently, share future dreams and aspirations, develop vocabulary, hone their writing skills.</p>	<p><b>SS:Golmal- Asking Riddles</b> Study the books written by APJ Abul Kalam and ask riddles based on Dr. A P J Abdul Kalam.</p> <p>Collect data and information on the first President of India to be projected in a scrap book. <a href="https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook">https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook</a> To develop vocabulary and accurate pronunciation</p>
<p><b>September</b></p>	<p><b>Course Book:</b> 7.Bravo, Amir Agha 8. These simple things</p> <p><b>Cornerstone:</b> <b>L- 16 Subject Verb Agreement</b> <b>L – 24 Prepositions</b></p> <p><b>Vocabulary Words</b></p>	<p><b>Grammar:</b> Compound Words, Conjunctions Activity III (Level A2 Lesson 1) at the link <a href="https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf">https://kvsprimaryresources.files.wordpress.com/2017/04/class-4-english.pdf</a></p> <p><b>Ws: Short Description related to the environment, place or thing.</b></p>	<p>To develop vocabulary, analyze characters, theme and ideas in a story</p> <p>Develop Speaking skills, write dialogue, critically analyse a story.</p>	<p><b>Sports Integration : Physical Fitness</b> <b>Dialogue writing</b> Write dialogues between two characters. <b>SS: Design A Blog: Sports In Education.</b></p> <p>Discussion in the class rooms. . Usage of Conjunction To understand and analyze characters through the story of Hiawatha</p> <p><a href="https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook">https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook</a></p>

<b>October</b>	<b>Course Book:</b> 9.La Tomatina  <b>Cornerstone:</b> L – 25 Conjunctions  <b>Vocabulary Words</b>	<b>Grammar:</b> Prepositions  Watch the video available at <a href="https://www.youtube.com/watch?v=eSDuxQjwUPM">https://www.youtube.com/watch?v=eSDuxQjwUPM</a>  <b>WS: Short description of an event</b>	To appreciate varied cultures and festivals celebrated across the world. To develop vocabulary, comprehend the terms associated with different cultures To prepare a comic strip.	<b>Create a comic strip about the La Tomatina festival.</b> Usage of Preposition through a story. (Spin a YARN) <a href="https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook">https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook</a> To relate to observing and learn about new cultures
<b>November</b>	<b>Course Book:</b> 10.A Strange Case  <b>Cornerstone:</b> L – 4 Types of Sentences  <b>Vocabulary Words</b>	<b>Grammar:</b> Punctuation Watch the video available at <a href="https://www.youtube.com/watch?v=Y-DTA0PeVz4">https://www.youtube.com/watch?v=Y-DTA0PeVz4</a>  <b>Ws: Informal letter</b>	To appreciate Science Fiction To develop reasoning and vocabulary To comprehend characters of a story. Write with correct punctuations.	<b>Write the character sketch of a detective.</b> <b>SS:Dumb charades</b> where similes are guessed. <a href="https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook">https://diksha.gov.in/play/collection/do_3129506270648729601183?contentType=TextBook</a> To develop reasoning and scientific thinking
<b>December</b>	<b>Course Book:</b> 11.Thomas Alva Edison 12. Global Warning  <b>Cornerstone:</b> L- 14 Articles / Determiners L- 27 Punctuation Mark L – 17 Tenses  <b>Vocabulary Words</b>	<b>Grammar:</b> Interrogative Words words <b>WS: Informal letter</b>  Watch the video available at <a href="https://www.youtube.com/watch?v=PTNFr_L-ROI">https://www.youtube.com/watch?v=PTNFr_L-ROI</a> .	To know the facts about Thomas Alva Edison and his inventions. Understand the phenomenon of Global Warming and Climate Change / appreciate the value of natural resources. Develop Reading, Writing Skills through Integrated Project.	<b>Make a poster to show the causes of global warming.</b> <b>AI Integration: Smart Classroom project- Coding (Scratch)</b>
<b>WINTER BREAK HOME-WORK (INTEGRATED PROJECT) TOPIC: GALACTICA</b>				
<b>January</b>	<b>Course Book:</b> 13.An Indian Train Journey  <b>Cornerstone:</b> L- 18, Tenses  <b>Vocabulary Words</b>	<b>Grammar:</b> Tenses (simple and continuous) Watch the videos available at <a href="https://www.youtube.com/watch?v=fnAF80C2PDw">https://www.youtube.com/watch?v=fnAF80C2PDw</a> and <a href="https://www.youtube.com/watch?v=GYuwpd0YShU">https://www.youtube.com/watch?v=GYuwpd0YShU</a>	To learn about the way to overcome hidden fears To apply correct usage of Tenses	<b>StoryTeller: Your Version Of the story</b> <b>Write alternative ending</b> to the given story - Show past, present, future tenses through a skit.

		<b>WS: Notice Writing</b>		
<b>February</b>	<b>Course Book:</b> 14.Dances of India 15.Androcles and the Lion  <b>Cornerstone: L – 19 Tenses</b>  <b>Vocabulary Words</b>	<b>Grammar:</b> Tenses (Past and Present perfect) Watch the video available at <a href="https://www.youtube.com/watch?v=Hri52IlcoNA">https://www.youtube.com/watch?v=Hri52IlcoNA</a>  <b>WS: Writing a short story on a given theme</b>	<b>To</b> appreciate the varied culture, traditions of the folk/classical dances of India To comprehend the terms associated with tradition, culture and dance. To appreciate the value of compassion and helping others in need. Overall development in <b>Language skills.</b>	<b>SS: Break The Chain: change the order of the story</b> Collect data and samples on different dances of various Indian States.
<b>March</b>	REVISION			

## हिंदी

हिंदी पाठमाला- नई आशाएँ (पी. पी. प्रकाशन)  
व्याकरण -नवीन शिक्षार्थी बाल हिंदी व्याकरण

मास	पाठ्यपुस्तक- नई आशाएँ हिंदी पाठमाला	व्याकरण / कौशल का मूल्यांकन	शिक्षण के लक्ष्य	शिक्षण की सम्प्राप्तियाँ/ विकसित कौशल	शैक्षिक एवं सह शैक्षिक विषयों से एकीकृत रचनात्मक गतिविधियाँ/ /परियोजनाकार्य
अप्रैल	पाठ-1 जी होता चिड़िया बन जाऊं (कविता )	पुनरावृत्ति अभ्यास के साथ  <b>हिन्दी बारहखड़ी अभ्यास</b> पाठ-1 भाषा और व्याकरण  पाठ-2 वर्ण विचार  हिन्दी गिनती अभ्यास (1 से 20 तक)	साहित्य- कक्षा में कविता पाठ कर बच्चों को चिड़िया की उड़ने की कुशलता से अवगत करना,पाठ को पढ़ाए जाने के बाद विद्यार्थी पाठ से संबंधित मौखिक प्रश्नों के उत्तर देने में सक्षम होंगे और उनके मन में चिड़िया बनकर क्या करने की इच्छा है यह बताने में भी सहज महसूस करेंगे।  व्याकरण - भाषा के विषय में विस्तृत जानकारी एवं हिन्दी एवं अन्य भाषाओं की लिपि का ज्ञान। बच्चों के चिंतन क्षमता का विकास,उत्तर देने के लिए कक्षा में सभी बच्चे तत्पर होंगे। व्याकरण - वर्ण को कहानी के रूप में प्रस्तुत कर बच्चों को वर्ण एवं उनके भेदों का ज्ञान प्राप्त कर उनके द्वारा प्रयोग किए जा रहे वर्णों एवं चिह्नों के व्याकरणिक स्वरूप की जानकारी।	साहित्य- विद्यार्थी स्वतंत्रता, प्रकृति-प्रेम, सौंदर्यबोध जैसे मूल्यों को समझकर उनका विकास करने में समर्थ होंगे। विद्यार्थियों के श्रवण, वाचन कौशल का विकास होगा।  व्याकरण - <ul style="list-style-type: none"> <li>भाषा के रूपों को समझकर विभिन्न भारतीय भाषाओं का ज्ञान प्राप्त करेंगे। भाषा की बारीकियों और लिंग, वचन और उनके रूपों पर ध्यान देते हुए वाक्य निर्माण में सक्षम होंगे।</li> </ul> बच्चों के चिंतन क्षमता का विकास,कक्षा में सक्रिय सहभाग की भावना का विस्तार होगा  व्याकरण - विद्यार्थी हिंदी वर्णमाला के अक्षरों की आकृति और ध्वनि को पहचानें तथा स्वर,व्यंजन,मात्रा,अयोगवाह की जानकारी प्राप्त कर उनमें अंतर स्पष्ट करने में सक्षम होंगे।	अपठित गद्यांश <b>चक्र-1 कविता वाचन- जी होता चिड़िया बन जाऊं</b> <b>गायन एकीकृत गतिविधि</b> विद्यार्थी कविता को संगीत की कक्षा में पूरे सुर के साथ सामूहिक तथा एकल गायन सीखेंगे।  <b>विज्ञान एकीकृत समन्वित गतिविधि</b> <b>सौर मण्डल पर गीत</b> <a href="https://youtu.be/RqcntPFbGA8">https://youtu.be/RqcntPFbGA8</a> दिए गए लिंक की मदद से बच्चे सौर मण्डल के ग्रहों को गीत के माध्यम से सीखकर उस पर आधारित एक गतिविधि (ग्रहों के घर की बात) कक्षा में करेंगे। गतिविधि से द्वारा बच्चे हमारे सौर मण्डल में ग्रहों की स्थिति को समझने में सक्षम होंगे।  <b>हिन्दी वर्णमाला गीत (पुनरावृत्ति)</b> <a href="https://youtu.be/T5YP1Sf6HCs">https://youtu.be/T5YP1Sf6HCs</a> बच्चों को वीडिओ की मदद वर्णमाला की पुनरावृत्ति कराई जाएगी।  <b>खेल एकीकृत गतिविधि</b>

			न.सी. ई. आर. टी द्वारा भाषा संबंधी खेल - खेल गीत पहेली <a href="https://youtu.be/9AjSdvxWI_M">https://youtu.be/9AjSdvxWI_M</a> बच्चे इस खेल गीत के माध्यम से बच्चों को पक्षियों की विभिन्न आवाजों से परिचित होंगे ।	बच्चे हिन्दी की गिनती को अंकों और शब्दों में लिखने, पढ़ने और समझने में सक्षम होंगे।	स्टोरी वीवर -मुझे खोज कर दिखाओ! कहानी जोर से कक्षा में पढ़ी जाएगी और पेज 5, 8, 11, 14, 17, 20 पर पहुँचने पर छात्रों को स्क्रीन पर चीज़ें ढूँढ़ने के लिए 2 मिनट छोड़ दिया जाएगा । उन्हें चुपचाप चीज़ों को खोजने के लिए कहा जाएगा, और अगर वे जवाब देना चाहें तो हाथ उठाने उठायेंगे ।
मई	पाठ-2 ईदगाह		साहित्य -ईदगाह पाठ के जरिए बच्चे हामिद के बाल्यावस्था भावों के साथ स्वयं को जोड़ने में सक्षम होंगे और खिलौनों के साथ अपने प्रेम की अनुभूति को व्यक्त करने में समर्थ होंगे और विभिन्न धर्मों के त्योहारों की विविधता से परिचित होंगे ।	साहित्य - पाठ में आए बाल मनोविज्ञान,ममता ,प्यार,आत्मनियंत्रण,समझदारी,संवेदनशीलता आदि प्राकृतिक, सामाजिक एवं अन्य संवेदनशील बिंदुओं को समझते हुए उन पर चर्चा करेंगे और पढ़ी हुई सामग्री और निजी अनुभवों को जोड़ते हुए उनसे उभरी संवेदनाओं और विचारों की (मौखिक/लिखित) अभिव्यक्ति करने में समर्थ होंगे। बच्चों में श्रवण एवं नैतिक मूल्यों का विकास होगा	संत रविदास -( पाठ्य पुस्तक से इतर पढ़ने हेतु) <a href="https://diksha.gov.in/play/collection/do_3127694453872885761356?contentId=do_3128677671060275201388">https://diksha.gov.in/play/collection/do_3127694453872885761356?contentId=do_3128677671060275201388</a> योग्यता विस्तार गतिविधि - <a href="https://diksha.gov.in/play/collection/do_3127694453872885761356?contentId=do_31284301326490009612579">https://diksha.gov.in/play/collection/do_3127694453872885761356?contentId=do_31284301326490009612579</a>

जुलाई		पाठ-3 संज्ञा	संज्ञा- बच्चे संज्ञा पाठ के माध्यम से नाम और उसके विभिन्न भेदों से परिचित होंगे	व्याकरण -बच्चे संज्ञा को पहचानकर अपने आस-पास की वस्तुओं को उन भेदों के अनुसार अलग- अलग करने में समर्थ होंगे।  साहित्य - बच्चों में स्वतंत्रता, पशु-पक्षी प्रेम, संवेदनशीलता जैसे मूल्यों का विकास होगा और वह महापुरुषों की जीवनी पढ़ने के लिए अपनी पाठ्य पुस्तक से इतर सामग्री को पढ़ने की चेष्टा करेंगे। जैसे -समाचार पत्र , बाल पत्रिका आदि  व्याकरण - ● बच्चे विपरीत अर्थ वाले और समान अर्थ वाले शब्दों के बीच का अंतर सीखकर उनका वाक्यों में प्रयोग करना सीखेंगे ।  अपठित गद्यांश के अभ्यास से बच्चों की एकाग्रता एवं गहन सोच का विकास होगा। बच्चे अपने वर्षा ऋतु के अनुभवों को अपने शब्दों में व्यक्त करने में सक्षम होंगे। वाक्य निर्माण प्रक्रिया से उनकी शब्दावली भी परिष्कृत होगी।	कला एकीकृत गतिविधि- बच्चे रंग-बिरंगी कागज़ की पतंग बनाकर उस पर पक्षियों की आज़ादी का सन्देश लिखेंगे ।  मेरी यात्रा बच्चे अपनी गर्मियों की छुट्टियों के विषय में अपने किसी संस्मरण को लिखेंगे और उसका कक्षा में भावपूर्ण संस्मरण वाचन करेंगे ।  1-अपठित गद्यांश  2-अनुच्छेद लेखन: (वर्षा ऋतु)
	पाठ-3 मेरा बचपन		बच्चों को रवीन्द्रनाथ टैगोर के बचपन और बचपन से ही उनके पशु-पक्षियों के प्रति उनके प्रेम एवं दया की प्रवृत्ति के विषय में चर्चा की जाएगी और उनसे इस संदर्भ में प्रश्न भी पूछे जाएंगे कि सारी यदि सुख सुविधाओं के साथ उन्हें कमरे में लंबे समय के लिए बंद कर दिया जाए तो वो कैसा महसूस करेंगे?		
	(रचनात्मक लेखन)	पाठ-4 लिंग			
		1-अपठित गद्यांश			



अगस्त	पाठ-4 अनोखी खोज	वचन	<p>विभिन्न उदाहरणों के साथ एक और अनेक संख्याओं में अंतर समझाया जाएगा और उनके द्वारा प्राप्त ज्ञान का अवलोकन करने के लिए रोचक खेलों जैसे वर्ड वाल के माध्यम से प्रश्न भी पूछे जाएंगे ।</p> <p>साहित्य -</p> <p>‘मैं तैयार हूँ’ पाठ के द्वारा बच्चे जीवन में आने वाली समस्याओं का दृढ़ता से सामना करने की शिक्षा प्राप्त करेंगे और शारीरिक कठिनाइयों वाले बच्चों के प्रति संवेदनशीलता का बच्चों में विकास होगा ।</p>	<p>व्याकरण - वचन और उनके रूपों पर ध्यान देते हुए वाक्य निर्माण में सक्षम होंगे । संख्या की जानकारी और एक और अनेक संख्याओं के प्रयोग के विषय को अपने पूर्वज्ञान से जोड़कर स्पष्ट जानकारी प्राप्त कर विद्यार्थी अपने दैनिक जीवन की चीजों से सम्बद्ध करने में सक्षम होंगे।</p>	<p>एन.सी. ई. आर. टी द्वारा भाषा संबंधी खेल - बरगद, पीपल और बबूल <a href="https://youtu.be/mOoqS9jBHnY">https://youtu.be/mOoqS9jBHnY</a></p> <p>कला एकीकृत गतिविधि : देवनागरी लिपि के घुमाव के साथ दिए गए लिंक की सहायता से विभिन्न प्रकार से चित्रों का निर्माण कीजिए। YOUTUBE LINK: <a href="https://youtu.be/Fdb5OuYlKak">https://youtu.be/Fdb5OuYlKak</a></p> <p>रचनात्मक लेखन</p> <p>पत्र लेखन (अनौपचारिक पत्र ) एन.सी. ई. आर. टी द्वारा भाषा संबंधी खेल - हमने लिखी चिट्ठी  <a href="https://youtu.be/TxLMrR2dgpE">https://youtu.be/TxLMrR2dgpE</a> बच्चे खेल के सहायता से पत्र लेखन को रोचक तरीके समझने में सक्षम होंगे ।</p>
	पाठ-5 मैं तैयार हूँ	सर्वनाम	<p>साहित्य -</p> <p>सच्चाई , निडरता , मेहनत जैसी भावनाओं का विकास कर बच्चे विचार अभिव्यक्ति सीखेंगे। संस्मरण को लिखना एवं सुनाना सीखेंगे । तथा उनमें वैज्ञानिक दृष्टिकोण का विकास होगा ।</p>	<p>व्याकरण - बच्चे संज्ञा के स्थान पर प्रयोग होने वाले शब्दों की स्पष्ट जानकारी प्राप्त कर विशेषता बताने वाले शब्दों का वाक्यों में प्रयोग करने में समर्थ होंगे</p>	

सितंबर	<p>पाठ-6 झरना (कविता )</p> <p>पाठ-7 रोबोट मेरा दोस्त</p>	<p>विशेषण</p> <p>अशुद्धि शोधन</p>	<p>विशेषता बताने वाले शब्दों को बच्चों की दैनिक चर्या के वाक्यों में जोड़कर कक्षा में समझाया जाएगा।</p> <p>साहित्य - बच्चे काव्य की सरसता को अनुभव करने की तरह जीवन में आगे बढ़ने को प्रेरित होंगे और काव्य पाठ करने में समर्थ होंगे ।</p> <p>हिन्दी के शब्दों में सामान्य तौर पर बच्चों द्वारा की जाने वाली मात्राओं संबंधी अशुद्धियों को कक्षा में समझाकर उन्हें लगातार वाक्यों में प्रयोग कर शुद्ध करने का प्रयास किया जाएगा।</p> <p>साहित्य - बच्चे रोबोट मेरा दोस्त नामक पाठ से तकनीकी के विकास से अवगत होंगे और रोबोट के कार्य करने की तकनीकी से भी अवगत होंगे । बच्चों में श्रवण कौशल और गहन चिंतन क्षमता का विकास होगा ।</p>	<p>पाठ के बाद बच्चे विभिन्न वाक्यों में से विशेषण शब्दों को ढूँढने में समर्थ होंगे।</p> <p>लगातार वाक्य प्रयोग से बच्चे शब्दों की मात्राओं संबंधी अशुद्धियों को शुद्ध करने में समर्थ होंगे। भाषा का सृजनात्मक प्रयोग करना सीखेंगे । शब्दों के सुधिकारण से परिचित होंगे तथा उनका प्रयोग करने में सक्षम होंगे ।</p> <p>साहित्य -विद्यार्थियों में वैज्ञानिक दृष्टिकोण का विकास होगा।</p>	<p>एन.सी. ई. आर. टी द्वारा कार्यक्रम: यमुना का सफर <a href="https://youtu.be/iYHmT9gaum0">https://youtu.be/iYHmT9gaum0</a></p> <p>यह लिंक यमुना नदी के उद्गम, मार्ग, सांस्कृतिक और व्यापारिक महत्व के बारे में बताता है। साथ ही नदी के आसपास पाए जाने वाले जीव जन्तु और वनस्पति पर भी प्रकाश डालता है। इस ऑडियो के माध्यम से बच्चे प्रकृति की सुंदरता से अवगत होंगे ।</p> <p>पहली रोबोट सोफिया का कलकत्ता में पहली साक्षात्कार <a href="https://youtu.be/WATLfjRHYSU">https://youtu.be/WATLfjRHYSU</a></p> <p>बच्चे इस साक्षात्कार के माध्यम से रोबोटों के विधी में अधिक जागरूक होंगे और इनकी कार्यप्रणाली से अवगत होंगे।</p> <p>रचनात्मक लेखन पत्र लेखन (औपचारिक पत्र ) खेल एकीकृत गतिविधि</p>
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अक्टूबर

पाठ-8 लाजवाब  
उत्तर (नाट्य मंचन )

विराम चिह्न

वाचन कौशल का विकास, (बच्चों को पाठ का नाट्य मंचन कर कर पाठ की वास्तविक परिस्थितियों से परिचित किया जाएगा

बच्चे विभिन्न उद्देश्यों के लिए लिखते हुए अपने लेखन में विरामचिह्नों, जैसे - पूर्ण विराम, अल्प विराम, प्रश्नवाचक चिह्न का सचेत इस्तेमाल करते हैं।

बच्चों को रोचक तरीके से ट्रैफिक लाइट की सहायता से विराम चिह्नों को पढ़ाया जाएगा एवं उससे संबंधित क्विज़ भी साँझ की जाएगी ताकि रोचक तरीके से खेल-खेल में वे उसे समझ पाएंगे।

बच्चे समान अर्थ वाले शब्दों को सीखेंगे एवं वाक्य के अनुसार उनका सही जगह पर प्रयोग करना जानेंगे।

पाठ के नाट्य मंचन के साथ बच्चों में जिससे उनमें गहन सोच क्षमता का विकास होगा।

पर्यायवाची (वर्ग पहेली  
गतिविधि )

शब्दों का खेल

पर्यायवाची शब्दों को ऑनलाइन उपलब्ध शिक्षण-अधिगम साधनों के माध्यम से पढ़ाया जाएगा और बच्चों को इससे संबंधित अभ्यास कार्य के माध्यम से ग्राह्य ज्ञान को स्थाई बनाने का प्रयास किया जाएगा।

बच्चे विभिन्न प्रकार से लिखने के लिए पर्यायवाची शब्दों का प्रयोग करने में समर्थ होंगे और इनसे अपने शब्दकोश में भी वृद्धि कर पाएंगे।

बच्चे वर्तमान समय में तकनीकी एवं इंटरनेट के महत्व को जानेंगे और गाँवों तक इसकी पहुँच की आवश्यकता के विषय में अपनी निजी अनुभवों के आधार पर विचार प्रकट करने में समर्थ होंगे। स्टोरी वीवर की कहानी केजरिए बच्चे इंटरनेट के सतर्क प्रयोग हेतु जागरूक होंगे।

बच्चे दोनों पाठों के माध्यम से इंटरनेट के मत्व के साथ ही उनके अदृश्य खतरों से भी अवगत कराया जाएगा ताकि वे इसका प्रयोग समझदारी के साथ कर सकें। गहन चिंतन क्षमता का विकास।

**मौखिक गतिविधि - नाट्य मंचन**

**लाजवाब उत्तर**

बच्चे नाट्य मंचन की सहायता से पाठ में सरसता और पात्रों से जुड़कर पाठ का भाव ग्रहण करने में समर्थ होंगे।

**अतिरिक्त पठन हेतु :**

**स्टोरी वीवर की कहानी: रहस्यमयी साइबर मित्र**

<https://storyweaver.org.in/stories/52163-rahasyamayee-cyber-mitra>

**साइबर सुरक्षा जिंगल**

**एन.सी. ई. आर. टी द्वारा**

<https://youtu.be/MpSdSgerHoo>

बच्चों को साइबर सुरक्षा के प्रति जागरूक करने के लिए कक्षा में यह ऑडिओ सुनाया जाएगा तथा बच्चों को इंटरनेट के सुरक्षा के प्रति जागरूक किया जाएगा।

पाठ-9 सबका  
साइबर कैफ़े  
(नाट्य मंचन )

बच्चे शुतरमुर्ग पाठ के माध्यम से हमारी प्रकृति की विभिधताओं के बारे में बताया जाएगा और उनके विषय में अन्य रोचक जानकारी भी प्रदान की जाएगी।

क्रिया  
वाक्यांशों के लिए एक  
शब्द

काम वाले शब्दों को बच्चों को बताकर व्याकरण नियमों के साथ उसके प्रयोग को सिखाया जाएगा। अनेक दैनिक उदाहरणों से पाठ को स्पष्ट किया जाएगा। वाक्य खंड के लिए एक शब्द का प्रयोग बच्चों को सिखाया जाएगा जिसे वे अनेक वाक्यों के माध्यम से प्रकट करेंगे।

विलोम शब्द

विलोम शब्दों की कहानी  
<https://youtu.be/tjLoP0b7NzQ> के माध्यम से बच्चों को विलोम शब्दों से परिचित करवाया जाएगा और ऐसे ही एक कहानी निर्माण हेतु प्रेरित किया जाएगा।

चित्र लेखन

अपनी बुद्धि के द्वारा किसी समस्या का हल निकालने संबंधी किसी घटना के विषय में अपने सहपाठियों से चर्चा करेंगे।

चित्रों को देख कर उसके विषय संबंधित वाक्य बनाकर बच्चे अपनी रचनात्मकता का परिचय देंगे।

बच्चे पढ़े हुए पाठ की विषय-वस्तु, घटनाओं, चित्रों, शीर्षक आदि के बारे में बातचीत करते हैं/प्रश्न पूछते हैं, अपनी बात के लिए तर्क देते हैं।

बच्चे पाठ को पढ़ने के बाद क्रिया शब्दों की पहचान और उनका सम्यक प्रयोग करने में समर्थ होंगे।

कहानी के माध्यम से बच्चे विलोम शब्दों को रोचक तरीके से सीखने में समर्थ होंगे और सीखे गए विलोम शब्दों से एक छोटी कहानी बनाकर अपने भावों और अनुभवों की अभिव्यक्ति कर पाएंगे।

परस्पर सहयोग, तार्किक सोच की जरूरत पर अपने तर्क देने में समर्थ होंगे।

शुतरमुर्ग के बारे में 22 रोचक तथ्य  
<https://youtu.be/zur5fzRlzDw>

बच्चे उपरोक्त वीडियो के माध्यम से शुतरमुर्ग के विषय में अनेक रोचक बातों को जाने में समर्थ होंगे।

कला एकीकृत गतिविधि  
विलोम शब्दों की कहानी

<https://youtu.be/tjLoP0b7NzQ>

दिए गए लिंक की सहायता से बच्चे अनेक विलोम शब्दों को आपस में जोड़कर कहानी बनाएंगे तथा कक्षा में कागज की कठपुतलियों के मादह से सुनाएंगे।

दिसंबर		मुहावरे	केनवा एप के माध्यम से मुहावरों को विभिन्न चित्र खेलों के माध्यम से सिखाया जाएगा और शरीर के अंगों पर आधारित विभिन्न मुहावरों का अभ्यास कराया जाएगा।	चचे विभिन्न मुहावरों का उचित प्रयोग सीखकर मुहावरों का भाषा के लिए महत्व को समझेंगे और उनमें छिपे विशेष अर्थों से परिचित होंगे।	<b>खेल संबंधी एकीकृत गतिविधि:</b> <a href="https://diksha.gov.in/play/collection/do_312534558928732160223152?contentType=TextBook">https://diksha.gov.in/play/collection/do_312534558928732160223152?contentType=TextBook</a> (सी.बी.एस.ईद्वारा निर्देशित पत्रिका -फिरकी ( चक्र -3 वार्तालाप) <a href="http://www.ncert.nic.in/departments/nie/dee/publication/firkee.html">http://www.ncert.nic.in/departments/nie/dee/publication/firkee.html</a>
	पाठ-12 खेलो-कूदो , खुश रहो	संवाद लेखन	सामान्य बातचीत को वाक्यों के माध्यम से लिखकर संवाद लेखन को समझाया जाएगा।	संवाद लेखन के नियमों और प्रभवशाली संवाद लेखन कौशल का विकास होगा।	<b>कला एकीकृत गतिविधि-</b> विभिन्न योगासनों के चित्र बनाइए, उनसे होने वाले फायदों पर 4-5 वाक्यों में लिखिए ।
	पाठ13 मधुच्छता(कविता )		पर्यावरण संरक्षण की भावना का विकास ।	कहानी , कविता अथवा अन्य सामग्री को अपनी तरह से अपनी भाषा में कहते हुए उसमे अपनी बात जोड़ते हैं ।	<b>मौखिक गतिविधि -</b> न उड़ने वाले पक्षियों के मास्क बनाकर, उसके बारे में कुछ वाक्यों में बताइए ।

जनवरी	पाठ-14 साइ.केन का त्योहार	<p>कहानी लेखन</p> <p>अपठित पद्यांश</p> <p>गिनती 50 से 100 तक</p> <p>हिन्दी में रंगों के नाम</p>	<p>आओ कहानी बुनें गतिविधि के माध्यम से कक्षा में कहानी लेखन गतिविधि कारवाई जाएगी। जिसमें सभी बच्चे प्रतिभाग करेंगे और गतिविधि के द्वारा कहानी लेखन सीखेंगे।</p> <p>अरुणांचाल प्रदेश में मनाए जाने वाले विभिन्न त्योहारों की विस्तृत जानकारी दी जाएगी और देश के विभिन्न क्षेत्रों में मनाए जाने वाले त्योहारों की जानकारी दिए गए लिंक के माध्यम से दी जाएगी।</p>	<p>जोश,साहस तथा जीवन की कठिनाईयों को जानेंगे   सांस्कृतिक विभिन्नता से अवगत होंगे ।</p>	<p>फसलों के त्योहार - हिंदी कॉमिक</p> <p><a href="https://diksha.gov.in/play/collection/do_31321909249184563212858?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content">https://diksha.gov.in/play/collection/do_31321909249184563212858?referrer=utm_source%3Dmobile%26utm_campaign%3Dshare_content</a></p> <p>इस हिंदी कॉमिक के माध्यम से बच्चे हमारे देश के प्रमुख त्योहारों के विषय में और विस्तार से जानकारी प्राप्त करेंगे।</p> <p>HI</p>
फरवरी	पाठ-15 परिश्रम का महत्व	<p>उपसर्ग , प्रत्यय</p>	<p>व्याकरण:</p> <p>मूँछ और पूँछ के उदाहरण से उपसर्ग और प्रत्यय को समझने में सक्षम होंगे ।</p> <p>साहित्य:</p> <p>बच्चों को पाठ्यक्रम में दी गई कहानी के माध्यम से परिश्रम के जीवन में महत्व को बताया जाएगा ।</p>	<p>व्याकरण को अपने आस-पास की चीजों से जोड़ते हुए मनोरंजक तरीके से सीखने में सक्षम होंगे</p> <p>बच्चे जीवन में परिश्रम के महत्व को समझेंगे और अपनी कल्पना से परिश्रम पर कोई कहानी लिखते हुए भाषा का मृजनात्मक प्रयोग करने में सक्षम होंगे ।</p>	<p>खेल एकीकृत गतिविधि</p> <p>भाषा खेल -</p> <p><a href="https://kvsprimaryresources.files.wordpress.com/2017/11/teaching-language-skills-through-games-in-detail.pdf">https://kvsprimaryresources.files.wordpress.com/2017/11/teaching-language-skills-through-games-in-detail.pdf</a></p>

मार्च	अतिरिक्त पाठन  हिंदी का समृद्ध साहित्य – मित्रता और परोपकार	अशुद्धि शोधन ,वर्तनी  <a href="https://www.youtube.com/watch?v=RSARzsumLKQ">https://www.youtube.com/watch?v=RSARzsumLKQ</a>  पुनराभ्यास  श्रवण कुमार <a href="https://youtu.be/qnwhrCTi1og">https://youtu.be/qnwhrCTi1og</a>  हिन्दी महीनों के नाम	शब्दों की व्याकरणिक अशुद्धियों को समझते हुए वाक्य निर्माण और शुद्ध वर्तनी का लेखन और वाचन में प्रयोग करना सिखाया जाएगा ।  बच्चे व्याकरण एवं साहित्य में आए पाठों की पुनरावृत्ति कर अपनी कठिनाइयों का समाधान करेंगे। _  यह कार्यक्रम श्रवण कुमार के जीवन पर आधारित है, श्रवण कुमार जिसने अपने बूढ़े दृष्टिहीन माता-पिता की सेवा में अपने प्राण तक गँवा दिए	अतिरिक्त पाठन से ज्ञानवृद्धि, शब्दावली का विकास, लेखन क्षमता का विकास । विभिन्न नैतिक मूल्यों का विकास ।  बच्चे जीवन में नैतिक मूल्यों के महत्त्व को जानने और उन्हें अपने व्यवहार में उतारने में सक्षम होंगे ।	मेरी अभिलाषा (कविता वाचन ) <a href="https://diksha.gov.in/ncert/play/collection/document/127694453872885761356?contentType=TextBook">https://diksha.gov.in/ncert/play/collection/document/127694453872885761356?contentType=TextBook</a>  हिन्दी महीनों के नाम <a href="https://youtu.be/Oclrl6fBS7o">https://youtu.be/Oclrl6fBS7o</a>
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## MATHEMATICS

### TEXT BOOKS:

1. Mathematics - IV (Textbook cum workbook) CES(Child Education Society)
2. SHIN Book

MONTH	CONTENT	MATHS KIT & OTHER ACTIVITIES	BRAIN TEASERS	LEARNING OUTCOMES	ACTIVITY/PROJECT/PEC (INTEGRATED WITH SCHOLASTIC AND CO SCHOLASTIC SUBJECTS)
APRIL	L-1 Place Value and Numbers	<p>* Addition and Subtraction Pyramid.</p> <p><b>Activity – 1</b> To draw the Indian place value chart using play cards.</p> <p><b>Shin Book Activity 1</b> Count the number of total cubes and hidden cubes.</p>	<p><b>PUZZLES:</b> <a href="https://www.mathinenglish.com/Puzzles/17and18Level1.pdf">https://www.mathinenglish.com/Puzzles/17and18Level1.pdf</a></p> <p><b>Khan Academy Module:</b> Multi-digit addition with regrouping.</p>	<ul style="list-style-type: none"> <li>• Uses the place value system for speaking and writing a number.</li> <li>• Expands a number for showing the place value of digits.</li> <li>• Applies operations of numbers in daily life.</li> </ul>	<p><b>Activity:</b> Prepare a non-fire dish and enlist the ingredients used in it while preparing. Also, calculate the time taken to prepare the dish.</p> <p><b>Integration with Science and English. Ted ed Riddles</b> <a href="https://www.youtube.com/watch?v=N5vJSNXPEwA&amp;list=PLJicmE8fK0EiFRt1Hm5a_7SJFaikIFW30">https://www.youtube.com/watch?v=N5vJSNXPEwA&amp;list=PLJicmE8fK0EiFRt1Hm5a_7SJFaikIFW30</a></p> <p><b>Think like a coder</b> <a href="https://www.youtube.com/playlist?list=PLJicmE8fK0EgogMqDYMgcADT1j5b911or">https://www.youtube.com/playlist?list=PLJicmE8fK0EgogMqDYMgcADT1j5b911or</a></p>
MAY	L-2 Addition and Subtraction	<p><b>Activity – 2</b> To form the largest and smallest 5 digit number with the given number cards.</p>		<ul style="list-style-type: none"> <li>• Add and subtract 5 -6 digits' numbers with or without regrouping</li> <li>• Able to frame statement questions and solve using addition and subtraction.</li> </ul>	<p><b>Music Integration</b> Place Value song <a href="https://youtu.be/ex2ihP_XdU0">https://youtu.be/ex2ihP_XdU0</a></p> <p><b>Comic Strip</b> - Students can make a small comic strip explaining the addition and subtraction concept by choosing the topic Lets go anywhere or Who will win the game. <a href="https://www.youtube.com/watch?v=a4FXl4zb3E4&amp;v=4en">https://www.youtube.com/watch?v=a4FXl4zb3E4&amp;v=4en</a></p>
SUMMER BREAK HOME-WORK (INTEGRATED PROJECT):					TOPIC: FIBRE TO FABRIC



July	<p>L-2 Addition and Subtraction (contd.)</p> <p>L-3 Multiplication</p>	<p><b>Activity 3-</b> Students can make and play a board game with their friends. Game is <b>Tribulation</b>.</p> <p><b>Activity-4:</b> To verify multiplication is commutative by paper cutting.</p> <p><b>Activity - 5</b> To multiply two digit numbers by counting point of intersection of lines</p>	<p><a href="https://www.youtube.com/watch?v=HaH3LhFilJO">https://www.youtube.com/watch?v=HaH3LhFilJO</a></p> <p><b>BRAIN TEASERS</b></p> <p><a href="https://www.squiglyplayhouse.com/BrainTeasers/MathGames.php">https://www.squiglyplayhouse.com/BrainTeasers/MathGames.php</a></p> <p><a href="https://www.youtube.com/watch?v=qKV_TiZqaMY">https://www.youtube.com/watch?v=qKV_TiZqaMY</a></p> <p><a href="https://www.youtube.com/watch?v=qc8LHRMs6FQ">https://www.youtube.com/watch?v=qc8LHRMs6FQ</a></p>	<p>Applies operations of numbers in daily life.</p> <ul style="list-style-type: none"> <li>• Able to frame statement questions and solve using addition and subtraction. Multiplies 2 and 3 digit numbers. Develops the skill to use multiplication in daily life situations.</li> </ul>	<p><b>Activity:</b> Explore and write multiplication facts through various ways like skip counting, extending patterns, etc.</p> <p><b>NET GAMES</b></p> <p>The first player throws the ball and at the same time begins reciting a table (e.g <math>12 \times 1 = 12</math>).</p> <p>The child who catches the ball continues to recite the table (e.g <math>12 \times 2 = 24</math>).</p> <p>This can be repeated for different tables.</p>
August	<p>L-4 Division</p> <p>L-7 Multiples and Factors</p>	<p><b>Shin Book Activity 2:</b></p> <p>Count the number of hidden cubes and its color.</p> <p><b>Activity-6</b> To find the prime numbers from 1 to 50 by Eratosthenes sieve method.</p>		<p>Divides a number by another number using different methods like pictorially (by drawing dots), equal grouping or repeated subtraction and by using inter-relationship between division and multiplication.</p>	
September	<p>L-5 Geometry</p>	<p><b>Activity- 7:</b> To find the center of a circle by paper folding and to find the relation between radius and diameter.</p> <p><b>Activity- 8:</b> Finding Circumference of a circle using thread and scale.</p>	<p><b>DIKSHA PORTAL</b></p> <p><a href="https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook</a></p> <p><b>DIKSHA PORTAL</b></p> <p><a href="https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook</a></p>	<ul style="list-style-type: none"> <li>• Identifies the centre, radius and diameter of the circle.</li> <li>• Finds out shapes that can be used for tiling.</li> <li>• Make a cube/cuboid using the given nets.</li> <li>• Represents the collected information in tables and bar graphs and draws inferences from these.</li> </ul>	<p><b>Integrated with Dance - Angles- Students can make different angles while performing dance.</b></p> <p><a href="https://www.youtube.com/watch?v=NVuMULQjb3o">https://www.youtube.com/watch?v=NVuMULQjb3o</a></p> <p><b>ICT &amp; AI INTÉGRATION:</b></p> <p>Logo designing</p> <p><b>ATHLETICS</b></p>

	L-6 Data Handling	<p><b>Shin Book Activity 3:</b> Color the cubes.</p> <p><b>Shin Book Activity 4:</b> Triangle puzzle.</p> <p><b>Activity- 9</b> Drawing a Birthday Bar graph using graph sheet</p>			Measure the distances covered or record the times of skipping activities. Use this information to create bar graphs.
October	L-8 Fractions	<p><b>Activity-10</b> To represent the fractions <math>\frac{1}{2}</math>, <math>\frac{1}{3}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{5}</math> using rectangular strips by paper folding.</p> <p><b>Activity 11:</b> Students can use different fractions to make pattern and arrange them beautifully to make some art work.</p> <p><b>Shin Book Activity 5:</b> Different shapes</p>	<p><b>DIKSHA PORTAL</b>  <a href="https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook</a></p> <p><b>DIKSHA PORTAL</b>  <a href="https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook</a></p>	<ul style="list-style-type: none"> <li>Identifies half, one-fourth, three-fourths of a whole in a given picture by paper folding and also in a collection of objects.</li> <li>shows the equivalence of a fraction with other fractions.</li> </ul>	<p><b>ART INTEGRATION-</b> Making of Animals or birds using coloured paper by cutting out different fractions.</p> <p>Understanding equivalent fractions by paper folding origami sheets.</p> <p><b>Dragonlearn Modules:</b> Fractions</p>
November	L-9 Symmetry and Patterns	<p><b>Activity – 12</b> To identify lines of symmetry of a square, rectangle and circle by paper folding</p> <p>To draw colourful tessellating patterns.</p> <p><b>Shin Book Activity 6:</b> Make shapes on dot grid .</p>	<p><b>DIKSHA PORTAL</b>  <a href="https://diksha.gov.in/play/collection/do_312937229886611456142?contentType=TextBook&amp;contentId=do_3129365167850291201160">https://diksha.gov.in/play/collection/do_312937229886611456142?contentType=TextBook&amp;contentId=do_3129365167850291201160</a></p> <p><b>DIKSHA PORTAL</b>  <a href="https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook</a></p>	<ul style="list-style-type: none"> <li>Shows through paper folding/cutting, ink blots, etc the concept of symmetry by reflection</li> </ul>	<p><b>ART INTEGRATION-Mandala Art Creating Patterns</b> BAMBOO CRAFT – Shapes Create Rangometry patterns Tessellation -Draw a tessellating pattern on A4 Sheet</p> <p><b>RYTHMIC ACTIVITIES</b> Individually, use stepping patterns to create symmetric shapes. Draw these shapes on the playground or on paper.</p>

December	L-10 Measurement	<b>Activity – 13</b> Make your own scale on the wall and then measure the heights of the family members and note down the heights in your notebook. and convert it into different units. Also, calculate the difference between your height and your mother's height, and other family members.	<b>DIKSHA PORTAL</b> <a href="https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentype=TextBook">https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentype=TextBook</a> <b>DIKSHA PORTAL</b> <a href="https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentype=TextBook">https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentype=TextBook</a>	<ul style="list-style-type: none"> <li>Converts metre into centimetre and vice-versa.</li> <li>Estimates the length of an object, weight of various objects, volume of liquid, etc and verify them by actual measurement.</li> </ul>	<b>QUICK RUNS</b> Measure a distance in meters and then in centimetres. Later compare and find how many centimetres make a metre. <b>Dragonlearn Modules:</b> Measurement
<b>WINTER BREAK HOME-WORK (INTEGRATED PROJECT) TOPIC: GALACTICA</b>					
January	L-11 Perimeter	<b>Activity – 14</b> To make rectangles of different dimensions on a squared paper using 6 adjacent squares and find their perimeters.  <b>Activity 15</b> : Build a 2-D house using match sticks and find its perimeter.		<ul style="list-style-type: none"> <li>Explore the perimeter of simple geometrical shapes in terms of given shape as a unit.</li> </ul>	<b>Warli Art-</b> By using warli art concept students will draw some pattern and then they have to find the perimeter of the drawn pattern.

February	L-12: Time	<p><b>Activity- 16</b> To draw the mirror image of the analog clock showing a particular time.</p> <p><b>Shin Book Activity 7:</b> Critical thinking Worksheet on Transforming with Triangles.</p> <p><b>Shin Book Activity 8 :</b> Logical Number game.</p>	<p><b>DIKSHA PORTAL</b> <a href="https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook</a></p> <p><b>DIKSHA PORTAL</b> <a href="https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook">https://diksha.gov.in/resources/play/collection/do_313002932773634048188?contentType=TextBook</a></p>	<ul style="list-style-type: none"> <li>• Read clock time in hours and minutes and express the time in a.m and p.m.</li> <li>• Relate to 24-hr clock with respect to 12-hr clock.</li> <li>• Calculate time intervals of familiar daily life events.</li> </ul>	<p><b>SPORTS INTEGRATION:</b> The child will enjoy doing activities to see all the things they can do in one minute. So the teacher may give them challenges which they have to complete at any particular time. Observing activities at home or school will give her/him a sense of time. For example, how much time can one hold breath? For how much time one can keep standing on one leg?, etc.</p>
March		Revision			

## SCIENCE

Text Book: Living Science - IV (RatnaSagar)

Month/Days	Course Content/Chapter	Learning Outcomes/Skill Development	Activity/Project/Experiments	Integrated with Scholastic and Co Scholastic Subjects
APRIL	<p>L-1 Food and Digestion Nutrients, Preparing food Preserving food</p> <p>L-2 Teeth and Microbes Kinds of Teeth, Structure of a Tooth Microbes</p>	<p>To know the various nutrients present in food and their functions. To understand the process of digestion (to be assessed through worksheet)</p> <p>To recognize the different kinds of teeth and know the parts of a tooth To identify and name some useful and harmful microbes</p>	<p><b>Project:</b> Children may make a small video on the Right way of Brushing the teeth. <b>Video :</b> Digestion of food  <a href="https://diksha.gov.in/play/content/do_31257981829477990419741">https://diksha.gov.in/play/content/do_31257981829477990419741</a>  <a href="https://diksha.gov.in/play/content/do_312934445668007936182">https://diksha.gov.in/play/content/do_312934445668007936182</a>  <a href="https://www.youtube.com/watch?v=t63w93Qel-U">https://www.youtube.com/watch?v=t63w93Qel-U</a>                      Activity will be done based on the above video to know the importance of brushing the teeth.</p>	<p><b>INTEGRATED WITH ENGLISH AND MATHS</b></p> <p>Prepare a non-fire dish and students will discuss the nutrients present in the food and the importance of a balanced diet.</p> <p><b>ART INTEGRATION:</b> Make a poster on "Different type of teeth"</p>
May	L-3 Safety First Safety at home, school, road, playground, First Aid	<p>To understand how accidents, occur and how to avoid them To deal with emergencies at home, at school and on the road</p>	<p><b>Activity:</b> Make your own First-aid kit</p> <p>Children can role play at home on safety in the kitchen as a theme. Prepare a list of guidelines to observe safety measures and to deal with any emergency situation.</p>	<p>Ways to avoid accidents on road  <a href="https://diksha.gov.in/play/content/do_31270654540497715216255">https://diksha.gov.in/play/content/do_31270654540497715216255</a></p>
<b>SUMMER BREAK HOME-WORK (INTEGRATED PROJECT): TOPIC: FIBRE TO FABRIC</b>				
July	<p>L-4 The Right Clothes to Wear Why do we need clothes? Material for Clothes The clothes We wear and Care of Clothes L-5 Solids, Liquids and Gases</p>	<p>To know about different kinds of material used for making clothes To select clothes suited to different weather and learn how to take care of clothes.</p>	<p><b>Video:</b> The story of silk and the history of clothing.  <a href="https://youtu.be/zaW0si0WuUQ">https://youtu.be/zaW0si0WuUQ</a>  <a href="https://diksha.gov.in/play/content/do_3129647950764605441103">https://diksha.gov.in/play/content/do_3129647950764605441103</a></p>	<p><b>ACTIVITY:</b> Fibre and Fabric</p> <p>Students can collect and make a collage (can depict any picture, costume) by using different types of fabrics and differentiate them as</p>

	<p>What is matter made up of?</p> <p>States of Matter</p> <p>States of matter are interchangeable</p>	<p>To identify the different states of matter and compare their properties</p> <p>To understand the terms solute, solvent and solutions</p> <p>To identify that each state of matter is different as their molecular structure is different.</p>	<p><b>Activity: To represent</b> a molecular structure of solid, liquid and gaseous state by using some material like bindi, grains.</p> <p><b>Experiment:</b> Are different substances dissolved in varying quantities in water?  <a href="https://diksha.gov.in/play/content/do_30099797">https://diksha.gov.in/play/content/do_30099797</a>            Discuss Properties of solids, liquids and gases, groups objects, materials, activities for features and properties, such as, shape, taste, colour, texture, sound, traits, etc.</p>	<p>natural and artificial fibres and their sources also.</p> <p><b>Role Play:</b> The 3 states of matter are interchangeable.</p>
August	<p>L-6 Plants: Preparing and Storing Food</p> <p>Food for plants</p> <p>Some unusual plants</p> <p>Balance in nature</p> <p>L-7 Plants: Living and Surviving Terrestrial plants</p>	<p>To understand and appreciate the process of photosynthesis in green leaves</p> <p>To recognize the interdependence between plants and animals as well as the energy flow between them</p> <p>To classify plants according to their habitats.</p> <p>To identify simple features (e.g. shape, color, aroma when they grow) of flowers, fruits and roots in immediate surroundings.</p>	<p><b>Experiment:</b> To test the presence of starch</p> <p><b>Activity:</b> To grow the bread mould</p> <p><a href="https://diksha.gov.in/play/content/do_312964794053615616188">https://diksha.gov.in/play/content/do_312964794053615616188</a></p>	<p><b>ART INTEGRATION:</b> Make leaf imprint and label the various parts of a leaf and can observe that leaves are of different shape according to the habitat.</p> <p><a href="https://diksha.gov.in/play/content/do_30096720">https://diksha.gov.in/play/content/do_30096720</a></p>
September	<p>L-7 Plants: Living and Surviving Aquatic Plants</p> <p>Some unusual plants</p> <p>L-8 Animals: How life Goes On</p> <p>Animals give birth to young ones</p> <p>Animals lay eggs</p>	<p>To understand how plants are affected by their surroundings</p> <p>To understand the importance of reproduction and the different ways by which animals reproduce</p> <p>To appreciate the parental care given by most animals to their young ones</p> <p>To observe the developmental changes in the lifecycle of a butterfly and cockroach</p>	<p><b>Video:</b>  <a href="https://diksha.gov.in/play/content/do_3129647917915340801111">https://diksha.gov.in/play/content/do_3129647917915340801111</a>  <a href="https://diksha.gov.in/play/content/do_31276294820207001612614">https://diksha.gov.in/play/content/do_31276294820207001612614</a>  <b>Activity:</b> Draw the life cycle of frog and butterfly on A-4 size sheet  <b>Video:</b>  <a href="https://diksha.gov.in/play/content/do_312964789222113280198">https://diksha.gov.in/play/content/do_312964789222113280198</a></p>	<p><b>ART INTEGRATION:</b> Children may prepare a chart and draw/ or paste pictures of animals with—big ears, small ears no visible ears Compare these animals and enlist the similarities and dissimilarities among them.</p> <p><b>SPORTS INTEGRATION: Dribble and pass-</b> Each time a goal is scored, the team member collects the stage of</p>

			<b>ART INTEGRATION:</b> -A 3D butterfly using grains	the life cycle of an animal. At the end of the game, the team will match the stages of life cycle of the animal
October	L-9 Animals: Living and Surviving	<p>To classify animals according to their habitats and feeding habits</p> <p>To identify and enumerate the different ways in which animals protect themselves</p> <p>To identify different features (beaks, teeth, claws, ears, hair, nests/shelters) of birds and animals</p>	<p><b>KAHOOT Online Quiz</b></p> <p><b>Project:</b> The Giant panda is an endangered animal. Visit <a href="https://rsgr.in/lsc-4">rsgr.in/lsc-4</a> and find out more information about endangered animals  <a href="https://diksha.gov.in/play/content/do_312964789031256064185">https://diksha.gov.in/play/content/do_312964789031256064185</a>  <a href="https://diksha.gov.in/play/content/do_312964789560320000199">https://diksha.gov.in/play/content/do_312964789560320000199</a></p> <p><b>Activity:</b> Paste pictures of 2 endangered animals and write their special features</p>	<p>AI INTEGRATION : Students have to make a Book cover showing the animals and their respective habitats.</p> <p><a href="https://diksha.gov.in/play/content/do_31277093641736192011693">https://diksha.gov.in/play/content/do_31277093641736192011693</a></p>
NOVEMBER	L-10 Force, Work and Energy Force, Work, Simple Machines, Energy	<p>To list the types of forces, energy and their applications</p> <p>To understand and give examples of work done</p> <p>To appreciate various exhibits of improvised simple appliances that make work easier</p>	<p><b>Activity:</b> Make models to show the use of different and alternative kinds of energy.</p> <p>students can collect things from their houses to show the working of simple machines like bottle opener, nail cutter etc.</p> <p><b>Lab Activity:</b> To form grooves of a screw</p> <p><b>Group Discussion:</b> The importance of solar energy, wind and Geothermal energy.  <a href="https://diksha.gov.in/play/content/do_31269871670801203213093">https://diksha.gov.in/play/content/do_31269871670801203213093</a></p>	<p>Sports Integration: Yoga and some exercise can be done to show how force , work and energy are related. and types of Force can be discussed with the students.</p> <p><a href="https://diksha.gov.in/play/content/do_3129514546086379521249">https://diksha.gov.in/play/content/do_3129514546086379521249</a></p> <p><a href="https://youtu.be/lq6gO-bCvAM">https://youtu.be/lq6gO-bCvAM</a></p>

DECEMBER	L-11 The Earth and its Neighbors, Stars, Solar System, Satellites How Seasons are formed?	To distinguish between stars, planets and satellites To differentiate between rotation and revolution of the earth To understand how seasons are formed.	<b>Project:</b> Collect interesting facts on the topic 'Black Hole' <b>Activity:</b> Demonstration of rotation and revolution of earth through torch and bulb <a href="https://diksha.gov.in/play/content/do_31276668152658329613621">https://diksha.gov.in/play/content/do_31276668152658329613621</a> <b>A visit to the National Science Museum online.</b>	Important features of different planet <b>AI INTEGRATION:-Working of Satellite.</b>  <b>Dance integration : students can perform dance on a song Ye tara woh tara.</b>
<b>WINTER BREAK HOME-WORK (INTEGRATED PROJECT) TOPIC: GALACTICA</b>				
JANUARY	L-12 Air, Water and Weather Sun causes changes in weather Land Breeze, Sea Breeze Air, Water	To understand about land and sea breeze to learn and appreciate how rain, dew, fog, hail and snow are formed To establish the relation between cause and effect of evaporation, condensation.	<b>Experiment:</b> To demonstrate the process of removing insoluble impurities from water by sedimentation, decantation and filtration <b>Activity:</b> Draw land and sea breeze on A-4 size sheet <a href="https://diksha.gov.in/play/content/do_312964793758703616153">https://diksha.gov.in/play/content/do_312964793758703616153</a>	<b>MUSIC INTEGRATION: -Students can write a small song or rap on why saving water is so important for us and how we can save that.</b> <a href="https://youtu.be/4pqZTRk6eBc">https://youtu.be/4pqZTRk6eBc</a>
FEBRUARY	L-13 A Clean World Pollution and ways to prevent it Reuse or Recycle	To know about land, water and air pollution To understand and appreciate the concept of reduce ,reuse and recycle	Enlist different fuels being used at home. Compare them with respect to the use, cost,availability, pollution emitting aspects etc. Children may collect data on price and consumption of petrol/diesel over the last five years and present their results pictorially/graphically. <a href="https://diksha.gov.in/play/content/do_312964789401559040159">https://diksha.gov.in/play/content/do_312964789401559040159</a> <a href="https://diksha.gov.in/play/content/do_3128847641933168641497">https://diksha.gov.in/play/content/do_3128847641933168641497</a>	Ways to avoid water and air pollution <b>ART INTEGRATION:-Recycle of waste-Making decorative item from coconut shells</b>
MARCH	Revision			



## SOCIAL SCIENCE

Text Book: My Big Book of Social Studies

Month	Course Content	Learning Outcome/Skill Development	Project /Experiments	Integrated With Scholastic and Non Scholastic Subjects
April	<p>L-1 : I Love My India</p> <p>L-2 : The Northern Mountains</p>	<p>To Identify the states and their capitals.</p> <p>To understand the importance of being a part of diverse culture</p> <p>Students learn about all the states in Northern Mountains, the language spoken, festivals celebrated and the staple food of that state.</p>	<p>On a physical map of India mark:</p> <ul style="list-style-type: none"> <li>States and capitals.</li> <li>Neighboring countries.</li> <li><a href="https://diksha.gov.in/play/collecti on/do_313103475049537536172 4?contentId=do_3130789144961 5155217914">https://diksha.gov.in/play/collecti on/do_313103475049537536172 4?contentId=do_3130789144961 5155217914</a></li> </ul> <p><a href="https://diksha.gov.in/play/content/do_31 266326347465523212217">https://diksha.gov.in/play/content/do_31 266326347465523212217</a></p> <p>Using colourful threads mark the ranges on a political map</p>	<p>Create a chart with the names of all states and their capital.</p> <p>(Integration with English): Write a poem on your feeling about how proud you are to be an Indian Citizen</p>
May	L-3 : The Northern and Coastal Plains.	To understand life in the states under Northern and Coastal plains.	<p>Make a comparison chart of food, clothes, people and climatic conditions of people living in Northern and Coastal Plains.(Integrated with ICT).</p> <p>CBSE :Share their experiences/observations through drawing/ symbols /tracing / gestures/ verbally in a few words /simple sentences in their own language</p>	<p>Use a powerpoint presentation to compare the food, clothes, people and climatic conditions of people living in Northern and Coastal Plains.(Integrated with ICT)</p> <p><b>Describes roles of family members, family influences (traits/ features /habits / practices), need for living together, through oral/ written/other ways.</b>  <b>SUMMER BREAK HOME-WORK (INTEGRATED PROJECT):</b></p>
<b>SUMMER BREAK HOME-WORK (INTEGRATED PROJECT): TOPIC: FIBRE TO FABRIC</b>				
July	L-4 : The western desert.	To understand the life of people in deserts, Houses, and occupations.	<p>On a map of India locate:</p> <ul style="list-style-type: none"> <li>Thar Desert</li> <li>Southern plateaus and islands.</li> </ul>	<p>Make and paste the pictures of the dance form of the people living in Rajasthan.</p> <p><a href="#">Dance : Rajasthani folk dance.</a></p>

	L-5 : The Southern Plateaus and the Islands	To understand the importance of the plateau region and the states located in those regions. The Indian islands and their location on map of India.	<ul style="list-style-type: none"> <li>• Eastern and western ghats.</li> <li>• River Narmada</li> <li>• <a href="https://diksha.gov.in/play/collecti on/do_31322254774122905613932?contentId=do_31322166934713958412371">https://diksha.gov.in/play/collecti on/do_31322254774122905613932?contentId=do_31322166934713958412371</a></li> </ul>	
August	L-6: Our Climate.  L-7 : Our Soils.	<p>To understand the different seasons prevailing in India and the states which are adversely affected.</p> <p>Types of soil found in different parts of the country and the crops that can be grown in that soil. It helps students understand the fertility of Indian soil.</p>	<p>On an outline map of India mark the following :-</p> <ul style="list-style-type: none"> <li>• Black soil</li> <li>• Mountain Soil</li> <li>• Desert soil</li> <li>• Laterite soil</li> <li>• Red soil</li> <li>• <a href="https://diksha.gov.in/play/content/do_312580367025209344111977">https://diksha.gov.in/play/content/do_312580367025209344111977</a></li> </ul>	<p>Students will learn Yoga poses to be practiced during change in seasons.</p> <p>Students will make a comparison chart of the crops grown in the 5 types of soil found in India.</p> <p>Students will practice the song "mere desh ki dharti". (Integration with Music)</p>
September	L-8: Our Agriculture.  L-9: Our Industries.	<p>To understand Agriculture and the difference between Horticulture and Agriculture. It helps students to understand the reason of agriculture being the main occupation of Indians.</p> <p>To understand what are industries and the types of industries.</p>	<p>On Map of India mark:</p> <ul style="list-style-type: none"> <li>• Two cash Crops</li> <li>• Two food crops.</li> <li>• <a href="https://diksha.gov.in/play/content/do_312593202250989568222892">https://diksha.gov.in/play/content/do_312593202250989568222892</a></li> </ul> <p>On a map of India mark the following:</p> <ul style="list-style-type: none"> <li>• Important Industries located in the four directions.</li> </ul>	<p>Make a few placards differentiate the food and cash crops.</p> <p>College making using newspaper cuttings about the major industries in India.</p>
October	L-10 : Transport and communication.	<p>To understand the importance of the different modes of transportation.</p> <p>To understand the difference between the</p>	<p>On an outline map of India mark: Major ports of the country.</p>	<p>Use paper art in making different types of Transportation and communication. Integrated with Art.</p>

	L-11 : Our Natural resources.	natural and manmade resources. The importance to conserve the Natural resources and make them responsible towards the nature .	CBSE :manipulate local/waste material, fallen dry leaves/flowers, clay, fabrics, pebbles, colours to create/improvise drawings, models, designs, collage etc.	Create drawings, designs, motifs, models, top, front, side views of objects, simple maps (of classroom, sections of home/school, etc.) and slogans, poems, etc.
November	L-12 : Our forest  L-13 : Our water resources.	To understand the different forests found in different parts of India.and its conservation  To understand the different resources of water. Also, how to conserve it.	Mark the important national parks of India. <a href="https://diksha.gov.in/play/content/do_31308458092924928012812">https://diksha.gov.in/play/content/do_31308458092924928012812</a> Mark the national Sanctuaries in India.  List the major water resources of our country and mark them on a Map. <a href="https://diksha.gov.in/play/collection/do_3132247019560304641583?contentId=do_3132245098724229121576">https://diksha.gov.in/play/collection/do_3132247019560304641583?contentId=do_3132245098724229121576</a>	Paragraph writing on how we can save the birds and animals which are on the verge of extinction in India.  List out the agencies working on cleaning the water resources of our country and make a bar graph depicting the improvement in the conservation.
December	L-14: Our Mineral resources.  L-15 : Emperor Akbar	To understand the difference between metallic and non-metallic minerals.Students can debate on how mankind is over utilizing the resources and how to conserve our nature which has become the need of the hour. Students learn about the different courtmen of the great emperor Akbar and his interest in Indian mythologies.	On a political map of India mark : Gold mines,Coal mining centre. <a href="https://diksha.gov.in/play/content/do_31257982235285094429613">https://diksha.gov.in/play/content/do_31257982235285094429613</a>  Make a chronological list of the Mughal dynasty. ( A family tree)	Comic Strip : Akbar the emperor. Integrated with ICT
<b>WINTER BREAK HOME-WORK (INTEGRATED PROJECT) TOPIC: GALACTICA</b>				
January	L-16: The Age of exploration.	To understand the history of exploration.Students learn about the eloping gadgets used by sailors in the mid fifteenth	Mark the routes taken by the explorers on a political world map. <a href="https://diksha.gov.in/play/content/do_3131892764080865281108">https://diksha.gov.in/play/content/do_3131892764080865281108</a>	Flashcards will be made by the children mentioning, which explorer took which route

	L-17: Our rich culture.	<p>century,which helps them compare the life of sailors a few years back and now. Understand the rich culture of our country.</p> <p>It is very important to keep the students attached to the rich culture of their country. Origin of music,art and festivals of India enrich the students and make them understand their root</p>		
February	<p>L-18: Our rights and Duties.</p> <p>L-19: Local self-government in cities.</p>	<p>The students are introduced and made aware of their fundamental rights and duties. The importance of directive principles.The awareness of duties help them become a better citizen.</p> <p>The Local self government explains the students the levels of local government. Difference between the Municipal Corporation , Municipal committee and ram panchayat.</p> <p>The term tax is introduced to students.</p>	<p>Make a preamble of the constitution of India.</p> <p><a href="https://diksha.gov.in/play/collection/do_31317212293129830413295?contentId=do_3129856257937571841104">https://diksha.gov.in/play/collection/do_31317212293129830413295?contentId=do_3129856257937571841104</a></p>	<p>Students will prepare a list of 5 duties and rights they want to be listed in school on a word Document using internet they will learn more about their duties and Rights:</p> <p>Integration with ICT</p>
March	Comic strip : we are equal.		Revision of the chapters done.	

## COMPUTER SCIENCE

**TEXT BOOKS:** IT Planet Code Bot - IV (PM Publishers (P) Ltd.)- 2

MONTH	CONTENT	LAB PRACTICALS/ACTIVITIES	LEARNING OUTCOMES/SKILL DEVELOPMENT	INTEGRATED WITH SCHOLASTIC AND CO SCHOLASTIC SUBJECTS
April	Ch-1 -Computer inside the System Unit .Components of System Units .Different types of ports of system unit	Do the Lab activity given on page no. 24	Learners will get to know about various components inside the system unit and its peripheral devices.	
May	Ch-2- Windows Customizing and Personalizing .Switching B/W running Apps .Lock and unlock computer .Use of setting Apps		Learners will get to know about how to use different features of Windows 10	
SUMMER BREAK HOME-WORK (INTEGRATED PROJECT): TOPIC: FIBRE TO FABRIC				
July	Continue Ch-2..... Ch-3- Word -Editing and Formatting .Editing and deleting text .Format text .Word Art and Picture Insertion,printing hardcopy	Do the Lab activity given on page no. 45	Learners will get to know how to insert pictures and apply various formatting features while editing the document in word.	To be integrated with Mathematics Topic : 2D and 3D shapes
August	Continue Ch-3..... Ch-5- Internet Surfing and Security .Advantage and disadvantage of using internet .Equipments to connect to internet .Use of search engine and web browser .Guidelines to follow for online safety	Do the Lab activity given on page no. 65	Learners will understand about uses of the internet and how to be safe online.	AI Topic- AI Enabled Gadgets -Google Earth Maps To be integrated with SST Topic: I love My INdia
September	Continue Ch-5..... Ch-6-Stepwise Computational thinking .Reasoning and its application .solving real life situation	Do the activity given on page no. 72,73,74	Learners will be able to develop logical and reasoning capability to solve real life problem and mathematical problems	To be integrated with Mathematics Topic : patterns

October	Ch-7-More about Scratch .Scratch ,generating new sprite .Learning about sprite and how to change background .event based programming.	Do the Lab activity given on page no. 94	Learners will get to know how to use programming language to design different scenery and GUI based projects	
November	Ch-4-PowerPoint .Understanding presentation software .Learn how to create and add slides .Learn formatting and saving a ppt .Running a slideshow	Do the Lab activity given on page no. 53	Learners will be able to know about presentation software and its tools to create presentable slides.	<b>To be integrated with Science</b> <b>Topic : Clean World and simple machines.</b>
December	Continue Ch-4..... Ch-8-AI in smart Homes .Needs and goals of AI .Role of AI in smart homes .Smart home product.	Do the Lab activity given on page no. 103	Learners will be able to understand about smart devices and how to use them.	<b>AI Project Smart Classroom to be integrated with English</b> <b>Topic: Poem -Thomas Alva Edison</b>
<b>WINTER BREAK HOME-WORK (INTEGRATED PROJECT) TOPIC: GALACTICA</b>				
January	Project of scratch on page 106 Project of word on page 107			
February	Revision			

## GENERAL KNOWLEDGE

**Text Books: General Knowledge Times Book - IV (Goyal Brothers Prakashan)**

MONTH	TOPICS FOR THE MONTH	PAGE NO.	ACTIVITY/PROJECTS
April	<ul style="list-style-type: none"> <li>● WATERFALLS IN INDIA</li> <li>● LOOK AT MY INDIA</li> <li>● FESTIVALS OF INDIA</li> <li>● FAMOUS GARDENS IN INDIA</li> </ul>	4-11	<ul style="list-style-type: none"> <li>● Picture Collection -FESTIVALS</li> </ul> <p><a href="https://diksha.gov.in/play/content/do_31276667126446489613126">https://diksha.gov.in/play/content/do_31276667126446489613126</a></p>
May	<ul style="list-style-type: none"> <li>● CAVES OF INDIA</li> <li>● LAKES OF INDIA</li> <li>● THE FIRST WOMAN IN INDIA TO....</li> </ul>	12-18	<ul style="list-style-type: none"> <li>● CAN MAKE RANGOLI USING THEME NATURAL WONDERS.</li> </ul> <p><a href="https://youtu.be/EjTQuO3hjmE">https://youtu.be/EjTQuO3hjmE</a></p>
July	<ul style="list-style-type: none"> <li>● NORTH-EAST INDIA</li> <li>● SOBRIQUETS</li> <li>● WHEN IN RUSSIA</li> <li>● FAMOUS BRIDGES</li> <li>● THE CASTLES IN EUROPE</li> <li>● NATURAL WONDERS</li> <li>● PORTS ASHORE</li> <li>● ABOUT ICELAND</li> </ul>	19-25	<ul style="list-style-type: none"> <li>● FIND ONE ALTERNATIVE TO THE USE OF PLASTIC.</li> </ul> <p><a href="https://diksha.gov.in/play/content/do_3128847641933168641497">https://diksha.gov.in/play/content/do_3128847641933168641497</a></p>
August	<ul style="list-style-type: none"> <li>● WORLD FACTS TO KNOW</li> <li>● WHY IS PLASTIC BEING BANNED</li> <li>● GREEN GAME</li> <li>● I CAN PREVENT WATER POLLUTION</li> <li>● DEADLY SEA CREATURES</li> </ul>	26-32	<ul style="list-style-type: none"> <li>● Poster Making on 'NATIONAL SYMBOLS'.</li> <li>● Collecting pictures of birds and flowers of different states of India.</li> </ul> <p><a href="https://diksha.gov.in/play/content/do_3128813639851376641452">https://diksha.gov.in/play/content/do_3128813639851376641452</a></p>
September	<ul style="list-style-type: none"> <li>● CAMOUFLAGE</li> <li>● NATIONAL FLOWERS</li> <li>● PANGOLIN</li> <li>● STRANGE WORLD TRANSPORT</li> </ul>	33-37	<ul style="list-style-type: none"> <li>● Identifying different signs of Traffic Signals.</li> </ul> <p><a href="https://diksha.gov.in/play/content/do_31270654540497715216255">https://diksha.gov.in/play/content/do_31270654540497715216255</a></p>

October	<ul style="list-style-type: none"> <li>● TRAFFIC SIGNALS</li> <li>● MOVE TO WORK</li> <li>● STOP CHECK AND GO</li> <li>● I.Q. CHALLENGE 1</li> <li>● I. Q. CHALLENGE 2</li> </ul>	38-43	<ul style="list-style-type: none"> <li>● QUIZ, GAME</li> </ul> <a href="https://youtu.be/X655B4ISakg">https://youtu.be/X655B4ISakg</a>
November	<ul style="list-style-type: none"> <li>● YOGA FOR KIDS</li> <li>● I CAN CONTROL MYSELF</li> <li>● BE A SMART CHILD</li> <li>● H7NDI WORDS, ENGLISH USAGE</li> </ul>	44-49	<ul style="list-style-type: none"> <li>● Practice Yogasanas AND CAN BE INTEGRATED WITH MATHS AND SPORTS</li> </ul> <a href="https://youtu.be/3hPqXrXTGEs">https://youtu.be/3hPqXrXTGEs</a>
December	<ul style="list-style-type: none"> <li>● PROVERBS</li> <li>● GOOD READS</li> <li>● OLYMPICS 2020</li> <li>● JUST DANCE</li> <li>● STRANGE SPORTS TO PLAY</li> </ul>	50-54	<ul style="list-style-type: none"> <li>● Quiz</li> <li>● Making a collage of pictures of their favourite sports personality.</li> </ul> <a href="https://diksha.gov.in/play/content/do_31277093554861670411906">https://diksha.gov.in/play/content/do_31277093554861670411906</a>
January	<ul style="list-style-type: none"> <li>● UNUSUAL MUSICAL INSTRUMENTS TO PLAY</li> <li>● NATIONAL GAMES</li> <li>● FIRST IN SPACE</li> <li>● GREAT INVENTIONS</li> <li>● TAKE PRECAUTIONS AGAINST CORONA</li> <li>● GREAT INDIAN SCIENTISTS</li> <li>● ENTERING A NEW WORLD</li> </ul>	55-61	<ul style="list-style-type: none"> <li>● Quiz</li> <li>● Can make small video on how to protect yourself from corona.</li> </ul> <a href="https://youtu.be/ixgAX31s4RM">https://youtu.be/ixgAX31s4RM</a>
February	<ul style="list-style-type: none"> <li>● STOP, CHECK AND GO - 2</li> <li>● I.Q. CHALLENGE 3</li> <li>● I.Q. CHALLENGE 4</li> </ul>	62-65	<ul style="list-style-type: none"> <li>● QUIZ</li> </ul> <a href="https://youtu.be/vC6kEAV0isw">https://youtu.be/vC6kEAV0isw</a>
March	<ul style="list-style-type: none"> <li>● QUIZ 2</li> <li>● AMAZING FACTS</li> <li>● CURRENT EVENTS</li> <li>● WORLD RECORDS</li> <li>● CURRENT EVENTS 2021</li> </ul>	66-71	<ul style="list-style-type: none"> <li>● QUIZ</li> </ul> <a href="https://youtu.be/u7mTuwUv0KY">https://youtu.be/u7mTuwUv0KY</a>



## VALUE EDUCATION

MONTMONTH	Theme	Related Activities
April	<b>Empathy</b>	children will share some story about where they have shown empathy towards others.
May	<b>Caring For Others</b>	Share one good thing done to take care in this present state of Pandemic.
July	<b>Cleanliness</b>	Make a Kite and Write good habits at one side and bad habits on other side.
August	<b>Love all beings</b>	Draw and Colour the Rainbow of Good deeds.
Sep	<b>Road Safety</b>	Drawing of Road Safety Symbols chart.
October	<b>Punctuality</b>	Book Mark Making Activity by writing quotes on Punctuality on it.
November	<b>We are born equal</b>	Role Play by Students on given Topic.
December	<b>Courtesy</b>	‘Be a Poet’ Poem composition by the students on the given topic.
January	<b>Honesty</b>	Poster Making Activity on the given topic.
February	<b>Respecting your Elders</b>	‘Budding Writers’ A Story Writing Activity.

## ART AND CRAFT

**Text Book: Living Art**

MONTH	ARTISTIC SKILLS	LEARNING OUTCOMES/SKILL DEVELOPMENT	INTEGRATED WITH SCHOLASTIC AND CO SCHOLASTIC SUBJECTS
APRIL	<p>Doodling art/Mandala Art - using black pen doodle a pattern/design using all types of lines and shapes</p> <p><a href="https://www.youtube.com/watch?v=Usmz0-tq2a4">https://www.youtube.com/watch?v=Usmz0-tq2a4</a></p>	Understand the concept and doodling and learn different types of lines and patterns	Integrated with Mathematics and Science
MAY	<p>RashtriyaEkta (Group Activity)</p> <p>Make a full size poster on Rashtriya ekta using the words learnt in English like- Peace, Unity, Harmony , Equality</p>	Learn to work collaboratively and develop skills of creativity and imagination	Integrated with English and Sst
JULY	<p>3D paper flower using colored paper</p> <p><a href="https://www.youtube.com/watch?v=aEn_xidMFOg&amp;t=53s">https://www.youtube.com/watch?v=aEn_xidMFOg&amp;t=53s</a></p> <p>Face Mask making – try to recognize any character from English/Hindi lesson and make a 3D mask of the character</p>	<p>It will engage students in learning about shape and form where they will be converting plain paper into a form</p> <p>It will engage students in meaningful learning experiences where they get to practice key skills such as writing, reading, doodling/drawing, speaking and communicating</p>	<p>Integrated with Mathematics, Science and SST</p> <p>Integrated with Mathematics, English/Hindi</p>
AUGUST	<p>Make puppet on any character from English/Hindi lesson or poem and make puppet. Narrate few lines and share the video with the class teacher.</p> <p><a href="https://www.youtube.com/watch?v=9fLZJQW8bZo&amp;t=15s">https://www.youtube.com/watch?v=9fLZJQW8bZo&amp;t=15s</a></p>	It will engage students in meaningful learning and experiences where they get to practice key skills such as art of recognising, creative skills and integration	Integrated with English/Hindi

SEPTEMBER	Communication through Sound- Using quilling strips create patterns	Making art the basis of all learning to help students in being active learner and improve their cognitive skills.	Integrated with English and Science
OCTOBER	Make a festival composition on Diwali Celebration	Understanding and learning the importance of the Indian festivals and learn to balance the composition	Integrated with English and Hindi
NOVEMBER	Design and make creative paper/cloth bag keeping in mind the environment and climate factors	Create awareness about the climate change and environment problems keeping in mind all the factors use the right material accordingly	Integrated with Science and Sst
DECEMBER	3D card making on green environment <a href="https://www.youtube.com/watch?v=186gDFKAXtE&amp;t=6s">https://www.youtube.com/watch?v=186gDFKAXtE&amp;t=6s</a>	To create awareness about the importance of clean and green environment and how one can contribute to save our planet	Integrated with Science and Sst
JANUARY	Take 2 shapes one geometric and one organic and create pattern using the shapes.	How different geometric shapes may be used in combination with other shapes to create new designs and attain knowledge about different colour shades.	Integrated with Mathematics and Science
FEBRUARY	Cityscape collage making using different shapes, colours	Learn to make a composition, balance space and understand the negative and positive space	Integrated with Mathematics

**SUBJECT: MUSIC**

MONTH	CONTENT	METHODOLOGY/SUGGESTED WAY APPLICATION	LEARNING OUTCOMES/SKILL DEVELOPMENT	INTEGRATED WITH SCHOLASTIC AND CO SCHOLASTIC SUBJECTS
April-May	Prayer Song & Sanskrit Shloka	Students will follow the tune and rhythm of the song with the help of a music teacher.	Through music developing awareness of our rich cultural heritage	
July	Patriotic song	Students will follow the tune and rhythm of the song with help of music teacher	Considering Music as a way of celebrating Independence Day	To be integrated with Science
August	Rajasthani Folk Song		Through Folk music students can sing different language other than their Mother tongue and describes the beauty of Nature.	
September	Guru Vandana			
October	Raga Bhupali	Students will follow the tune and rhythm of the song with help of music teacher	Through Raga singing describes units of measurement and purpose of measuring.	To be integrated with Maths
November	Alankar			
December	Christmas Carol			
January	Saraswati Vandana	Students will follow the tune and rhythm of the song with help of music teacher	Through singing describes the beauty of Vasant in Nature.	
February	Revision			
-March				

***\*FOR THE SESSION FOUR INTEGRATED TOPICS TO BE TAKEN INCLUDING THE INTEGRATED TOPICS FOR SUMMER AND WINTER HOLIDAY HOMEWORK***

## DANCE

MONTH	CONTENT	METHODOLOGY/ SUGGESTED WAY OF APPLICATION	LEARNING OUTCOMES/SKILL DEVELOPMENT	INTEGRATED WITH SCHOLASTIC AND CO SCHOLASTIC SUBJECTS
April To May	Vandana or shloka The item on –MAA SARASWATI	Memorize the ‘Geet’ ‘Composition’ or Shloka. Students should be explained the meaning which help them create a performance. <a href="https://www.youtube.com/watch?v=7rEgP7HNNPQ&amp;t=11s">https://www.youtube.com/watch?v=7rEgP7HNNPQ&amp;t=11s</a>	Virtues of different mythological beings like: Yaa Kundendu – Saraswati meaningful shlokas to be understood.	Hindi (Phoolan ka Nagar), ART
July To September	Classical Dance (Kathak) Taattkaar in Teentaal (Dugun) & CHAKKAR(Bhramri) five beat Three beat	Type of chakkar in kathak Purnachakkar , Ardhchakkar , Viprit and Ardhviprit chakkar. What is Sam, Matra, Taali	Idea chakkar learning how to perform different types of chakkar. Understanding the Taal cycle.	Maths(Angels), Hindi(Sehat Hai Anmol)
October To December	Koli Folk Dance (Maharashtra) And Facial Expression	With the help of Dholak ,Naal, Duf, Mridang ,different patterns have to taught . Local dances to be observed. <a href="#">Mi Hai Koli Sorilya Hori (Shrikant Narayan) - Marathi Koligeet - YouTube</a>	The traditional tunes, songs, beat with their particular language and costumes should be taken by the students. Folk tales, rituals also would be known by the students.	Science(Cloth) , SST(Our rich culture), Hindi(Patra Abhinay)
January To March	Samyukta Hasta Mudra & Patriotic Dance (Choreography)	Explanation of the theme Emotion has to be discussed with reference of the ‘Rasa’ theory	Magic create by weaving different patterns of Laya. Feeling and Emotion These are the factors of creativity.	English(paragraph), ART, Music

## PHYSICAL EDUCATION

MONTH	ACTIVITY PLANNED	LEARNING OUTCOMES/SKILL DEVELOPMENT	PEC/INTEGRATED WITH SCHOLASTIC CO-SCHOLASTIC SUBJECT
April	FIT INDIA PROTOCOL Warming up exercise Yoga : Pranayama : Deep breathing Recreational Game : Toes ,Tap and catch Activity :football dribbling	The students will perform proper breathing techniques  Assess current personal fitness levels	To be integrated with EVS
May	Recreational games :follow the leader Movement education : Physical exercises Yoga: Padamasana and breathing exercises	<b>Demonstrate basic skills associated with team recreation games and tactics.</b> To make students mentally strong and emotionally balanced.	<u>To be integrated with Hindi and English.</u>
July	FIT INDIA PROTOCOLStretching exercise: neck shoulder, trunks and <a href="https://youtu.be/EVFoLMYmaTw">https://youtu.be/EVFoLMYmaTw</a> Indoor games:Table Tennis Yoga: padamasana and vajrasana	To control the movements and body actions in response to specific instructions	<b>To be integrated with maths</b>
August	Movement education: speed power Yoga : chakrasana Recreational Game : Seven stones Stapu Khelo India Assessment	Importance of safety while participating in Physical Activity To make students mentally strong and emotionally balanced.	<b>To be integrated with maths and hindi</b>
September	Traditional games :Motor ability (Kanche) Yoga : suptvajrasana and bhaujangasana	<b>Improve accuracy and work with others.</b>	<b>Integrated with maths and hindi</b>

October	Rhythmic yoga Rhythmic Activity: Marching: Different type of turns Recreational Game : Seven stones (Stapu	Demonstrate the ability to perform yoga movements in various combinations and forms.	To integrated with maths.
November	Coordination,flexibility,balance and timing Net games Yoga : kalyanasana and titibasana	Send and receive a ball over net	<b>To be integrated with maths and hindi.</b>
December	Rhythm and reflexesstretchingExercise on two, four and 8 counts, calisthenics, jogging running simple.  Athletes :Water Colour Relay	<b>To control movements and body action in response to specific instructions</b>	To be integrated with Art.
January	Mass PT 1 – 10 Social health: peer group relation Yoga : Sarvangasana and utthitpachimottanasana	Understand the knowledge of effective group management	PATTERN; Making different type of pattern game To be integrated with maths and hindi
February	Athletics – Field event –Long jump  Football : Heading (Fundamental) Yoga :Noukasana and halasana	<b>To jump for height and distance with control and balance</b>	<b>To be integrated with english and maths</b> <b>Measure the distance and sentences describing.</b>
March	PEC: intercepting the ball Yoga :Rajkapoothasana and bhunamasana	<b>Improve throwing and catching skills</b> <b>Take the role of a defender</b>	Integrated with evs and maths

- Objectives:** 1. To make sure the students become all rounder's  
2.To develop leadership qualities and team management among the students  
3.To promote healthy living  
4.To make students mentally strong and emotionally balanced