

# English

## Text Books:

1. My English Reader
2. English Practice Book

## Objectives of Teaching English

1. To develop students' insight and favourable attitude towards English language.
2. To enable the students to assimilate the correct patterns of the language.
3. To increase the students' interest in English language and Literature and enable them to enrich their vocabulary.
4. To provide a wide-range of tasks based on real life situations to enable the students to interact confidently in English.
5. To develop self study habit and understanding of stories/passages etc.
6. To help them to use the language effectively.
7. To develop thinking skills like reasoning, observing, comprehending, sequencing and evaluating.

## APRIL

Topic/Chapter	Teaching Methodology/Aids	Language Skills/Activity	Learning Outcome
<b>Monday Morning Blues</b>	<ul style="list-style-type: none"><li>• Loud Reading and explanation through interaction.</li><li>• Vocabulary enhancement.</li></ul>	<ul style="list-style-type: none"><li>• Narration of students' own experiences of any such episode where they made a fake excuse and were caught.</li></ul>	The learners will : <ul style="list-style-type: none"><li>• Read with correct pronunciation, expression and speed.</li><li>• Enjoy the story with interest and comprehend the main idea.</li></ul> <p><b><u>Value Incorporated :</u></b> Truthfulness</p>
<b>Abstract Nouns</b>	<ul style="list-style-type: none"><li>• Explanation through various examples.</li><li>• PowerPoint presentation.</li></ul>	<ul style="list-style-type: none"><li>• Fill in the blanks</li><li>• Choose the correct option.</li><li>• Worksheets</li><li>• Youtube videos</li></ul>	<ul style="list-style-type: none"><li>• Understand the concept of abstract nouns</li><li>• Correct usage of abstract nouns in sentences.</li></ul>

<b>Reflexive Pronouns</b>	<ul style="list-style-type: none"> <li>• Explanation through various examples</li> <li>• PowerPoint presentation</li> </ul>	<ul style="list-style-type: none"> <li>• Fill in the blanks</li> <li>• Choose the correct option</li> <li>• Worksheets</li> <li>• Miscellaneous exercises in notebook</li> <li>• Youtube videos</li> </ul>	<ul style="list-style-type: none"> <li>• Correct usage of reflexive pronouns in sentences.</li> </ul>
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## MAY

<b>Topic/Chapter</b>	<b>Teaching Methodology/Aids</b>	<b>Language Skills/Activity</b>	<b>Learning Outcome</b>
<b>Kinds of Sentences</b>	<ul style="list-style-type: none"> <li>• Explanation through various examples.</li> <li>• PowerPoint presentation</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheets</li> <li>• Activity on Kinds of Sentences "Read and Segregate".</li> </ul>	<ul style="list-style-type: none"> <li>• Frame correct sentences and know their kinds.</li> </ul>
<b>Prepositions</b>	<ul style="list-style-type: none"> <li>• Explanation through various examples.</li> <li>• PowerPoint presentation.</li> </ul>	<ul style="list-style-type: none"> <li>• Edit the article (Newspaper Activity).</li> <li>• Worksheets</li> <li>• Miscellaneous exercises in notebook (Fill in the Blanks, Choose the correct option).</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the concept of prepositions.</li> <li>• Use of correct prepositions according to the situation, time, place, event, movement etc.</li> </ul>
<b>Notice Writing</b>	<ul style="list-style-type: none"> <li>• Explanation of the format through PowerPoint presentation.</li> <li>• Sample/model writing.</li> </ul>	<ul style="list-style-type: none"> <li>• Improvisation of writing skills.</li> </ul>	<ul style="list-style-type: none"> <li>• To write simple notice giving relevant information about an event/trip/ competition/ function.</li> </ul>
<b>Application Writing</b>	<ul style="list-style-type: none"> <li>• Explanation of the format through PowerPoint presentation.</li> <li>• Sample/model writing.</li> </ul>	<ul style="list-style-type: none"> <li>• Improvisation of writing skills.</li> </ul>	<ul style="list-style-type: none"> <li>• To write a simple application with correct format.</li> </ul>

## JULY

Topic/Chapter	Teaching Methodology/Aids	Language Skills/Activity	Learning Outcome
<b>The Tale of a Tail</b>	<ul style="list-style-type: none"> <li>Reading and explanation of the story through interaction.</li> <li>Vocabulary enrichment.</li> </ul>	<ul style="list-style-type: none"> <li>To relate any personal experience with the given story.</li> </ul>	<ul style="list-style-type: none"> <li>To teach them to treat others with love and respect.</li> </ul> <p><b>Value Incorporated :</b> Respectfulness, courtesy and politeness.</p>
<b>Adventures with Books (Poem)</b>	<ul style="list-style-type: none"> <li>Loud recitation and explanation through interaction.</li> <li>PowerPoint presentation</li> </ul>	<ul style="list-style-type: none"> <li>Improvisation of reading skills.</li> <li>Indian Authors' Parade Activity.</li> </ul>	<ul style="list-style-type: none"> <li>To recite the poem with correct expression and pronunciation and intonation.</li> <li>To enjoy and appreciate the poem.</li> </ul> <p><b>Value Incorporated :</b> Value of books/reading.</p>
<b>The Boy Who Borrowed</b>	<ul style="list-style-type: none"> <li>Loud reading and explanation of the story through interaction.</li> <li>Vocabulary enrichment.</li> <li>Youtube Video</li> </ul>	<ul style="list-style-type: none"> <li>Activity – Role Play Dialogue delivery between the borrowed books.</li> <li>Bookmark Making Activity.</li> </ul>	<ul style="list-style-type: none"> <li>To develop a sense of respect for others' property.</li> <li>To develop a good character and win others' respect.</li> </ul> <p><b>Value Incorporated:</b> Honouring one's promise.</p>
<b>Diary Entry</b>	<ul style="list-style-type: none"> <li>Explanation of the format.</li> <li>Explaining the students the purpose and importance of diary entry.</li> </ul>	<ul style="list-style-type: none"> <li>Improvisation of writing as well as communication skills by giving different situations and topics to the students.</li> </ul>	<ul style="list-style-type: none"> <li>The learners will understand the purpose of writing a diary note.</li> <li>They will learn to express their ideas/emotions in a correct and logical manner.</li> </ul>

## AUGUST

Topic/Chapter	Teaching Methodology/Aids	Language Skills/Activity	Learning Outcome
<b>Apostrophe</b>	<ul style="list-style-type: none"> <li>Explanation through PowerPoint presentation</li> <li>Practice Book</li> </ul>	<ul style="list-style-type: none"> <li>Worksheets for practice</li> <li>Miscellaneous exercises in the notebook</li> </ul>	<ul style="list-style-type: none"> <li>To enable the learners to understand the correct usage of apostrophe</li> <li>To write correct sentences using</li> </ul>

			apostrophe
<b>Limits of the Mind</b>	<ul style="list-style-type: none"> <li>Loud reading and explanation of the story through interaction</li> <li>Vocabulary enrichment</li> </ul>	<ul style="list-style-type: none"> <li>Activity on vocabulary enhancement</li> <li>Making of web charts in the notebooks to describe the following characters of the story: <ol style="list-style-type: none"> <li>Eklavya</li> <li>Guru Drona</li> <li>Arjuna</li> </ol> </li> </ul>	<ul style="list-style-type: none"> <li>To imbibe the right values through the lesson</li> <li>To understand the importance of giving your best</li> </ul> <p><b>Value Incorporated:</b> Be focused and treat others with respect and equality</p>
<b>Adverbs</b>	<ul style="list-style-type: none"> <li>Explanation through various examples and PowerPoint presentations</li> <li>Practice book</li> </ul>	<ul style="list-style-type: none"> <li>Worksheets for practice and miscellaneous exercises including fill ups and choose the correct option will be done in the notebook.</li> </ul>	<ul style="list-style-type: none"> <li>To identify different kinds of adverbs and to write correct adverbs in sentences</li> </ul>
<b>Unseen Passage</b>	<ul style="list-style-type: none"> <li>Silent reading</li> <li>Interactive discussion</li> <li>Vocabulary enrichment</li> </ul>	<ul style="list-style-type: none"> <li>Worksheet</li> <li>Passages from practice book</li> </ul>	<ul style="list-style-type: none"> <li>To comprehend the passage</li> <li>Enhance vocabulary</li> <li>Frame meaningful and correct sentences</li> </ul>

## SEPTEMBER

Topic/Chapter	Teaching Methodology/Aids	Language Skills/Activity	Learning Outcome
<ul style="list-style-type: none"> <li><b>Jumbled Sentences</b></li> <li><b>Revision of the topics done in the first term</b></li> </ul>	<ul style="list-style-type: none"> <li>Arranging the words in proper sequence.</li> <li>Recapitulation of grammar topics through various exercises/ Worksheets.</li> <li>Recapitulation of writing skills/ vocabulary etc.</li> <li>Recapitulation of the chapters of the English Reader.</li> </ul>	<ul style="list-style-type: none"> <li>Worksheets</li> <li>Exercises in the notebook.</li> </ul>	<ul style="list-style-type: none"> <li>Understanding of correct sentence structure.</li> <li>Enhance the basic skills of learning, reading and writing.</li> </ul>

**First Term Exam**

**OCTOBER**

<b>Topic/ Chapter</b>	<b>Teaching Methodology/Aids</b>	<b>Language Skills/Activity</b>	<b>Learning Outcome</b>
<b>The Fearless Fighter</b>	<ul style="list-style-type: none"> <li>• Loud reading and explanation of the story through interaction.</li> <li>• Vocabulary enrichment.</li> <li>• Youtube Video</li> </ul>	<ul style="list-style-type: none"> <li>• Class discussion on “Where there is a will, there is away”.</li> <li>• Sequencing the story.</li> </ul>	<ul style="list-style-type: none"> <li>• The learners will –</li> </ul> <ol style="list-style-type: none"> <li>1. Understand the importance of hardwork and determination</li> <li>2. Explore ways of doing things with a clear focus</li> </ol> <p><b>Value Incorporated:</b> Dedication, determination and courage.</p>
<b>Informal Letter</b>	<ul style="list-style-type: none"> <li>• Explanation of the format through PowerPoint presentation.</li> <li>• Explanation of the body and content of the letter.</li> <li>• Sample/ Model writing.</li> </ul>	<ul style="list-style-type: none"> <li>• Improvisation of writing skills.</li> </ul>	<ul style="list-style-type: none"> <li>• Write the letter with correct format to express and share their views and ideas.</li> <li>• To frame meaningful and correct sentences.</li> </ul>
<b>Just Be Up and Doing (Poem)</b>	<ul style="list-style-type: none"> <li>• Loud recitation and explanation of the poem through interaction.</li> <li>• Youtube Video</li> </ul>	<ul style="list-style-type: none"> <li>• Class discussion on the topic “Success comes to those who will and dare”.</li> </ul>	<ul style="list-style-type: none"> <li>• To understand the importance of hard work, determination and sincerity.</li> </ul> <p><b>Value Incorporated:</b> Value of time and hard work.</p>

## NOVEMBER

Topic/ Chapter	Teaching Methodology/Aids	Language Skills/Activity	Learning Outcome
<b>Five Chums and the Hacker</b>	<ul style="list-style-type: none"> <li>• Loud reading and explanation of the story through interaction.</li> <li>• Youtube Video</li> </ul>	<ul style="list-style-type: none"> <li>• Class discussion on 'Net Ethics/ Net Etiquettes – their necessity and importance'.</li> </ul>	<ul style="list-style-type: none"> <li>• To enjoy the story with interest and comprehend the main idea.</li> </ul>
<b>I Have Got an E-Mail (Poem)</b>	<ul style="list-style-type: none"> <li>• Loud recitation and explanation of the poem through interaction.</li> <li>• Youtube Video</li> </ul>	<ul style="list-style-type: none"> <li>• Making of poster/collage showing the advantages and disadvantages of using computers.</li> </ul>	<ul style="list-style-type: none"> <li>• To understand the pros and cons of internet.</li> <li>• To understand that physical activities are important for good health.</li> </ul>
<b>Tenses (Present Perfect Tense)</b>	<ul style="list-style-type: none"> <li>• Explanation through various examples and PowerPoint presentations</li> <li>• Practice book</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheets</li> <li>• Youtube Video</li> </ul>	<ul style="list-style-type: none"> <li>• To identify the tense and use it correctly</li> <li>• To frame grammatically correct sentences.</li> </ul>

## DECEMBER

Topic/ Chapter	Teaching Methodology/Aids	Language Skills/Activity	Learning Outcome
<b>Adjectives (Comparison)</b>	<ul style="list-style-type: none"> <li>• Explanation through various examples and PowerPoint presentations.</li> <li>• Practice book</li> </ul>	<ul style="list-style-type: none"> <li>• Youtube Video</li> <li>• Worksheets for practice.</li> </ul>	<ul style="list-style-type: none"> <li>• To learn to use correct degree of adjectives to describe a person/ object/ place etc.</li> </ul>

<b>E-mail Writing</b>	<ul style="list-style-type: none"> <li>• Explanation of the format through PowerPoint presentation.</li> <li>• Explanation of the body and content of the letter.</li> <li>• Sample/ Model writing.</li> </ul>	<ul style="list-style-type: none"> <li>• Improvisation of writing skills.</li> </ul>	<ul style="list-style-type: none"> <li>• To learn to write/ convey simple messages/ information through e-mail.</li> </ul>
<b>It's Getting Hotter</b>	<ul style="list-style-type: none"> <li>• To Be Done As A Project.</li> </ul>	<ul style="list-style-type: none"> <li>• Youtube videos on recycling and reusing.</li> <li>• Slogan writing on saving our 'Mother Earth'.</li> </ul>	<ul style="list-style-type: none"> <li>• To foster a responsible attitude towards nature.</li> <li>• To understand ways of preserving natural resources.</li> </ul> <p><b>Value Incorporated:</b> Sensitivity towards environment.</p>
<b>Prepositions</b>	<ul style="list-style-type: none"> <li>• Explanation through various examples</li> <li>• PowerPoint presentation</li> </ul>	<ul style="list-style-type: none"> <li>• Edit the article (Newspaper Activity)</li> <li>• Worksheets</li> <li>• Miscellaneous exercises in notebook (Fill in the Blanks, Choose the correct option)</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the concept of prepositions</li> <li>• Use of correct prepositions according to the situation, time, place, event, movement etc.</li> </ul>

### JANUARY

<b>Topic/Chapter</b>	<b>Teaching Methodology/Aids</b>	<b>Language Skills/Activity</b>	<b>Learning Outcome</b>
<b>Plant a Seed (Poem)</b>	<ul style="list-style-type: none"> <li>• To be done as a project.</li> </ul>	<ul style="list-style-type: none"> <li>• My seed collection (Activity)</li> <li>• Happiness of nurturing (Activity)</li> <li>• Class discussion on 'A day without trees'.</li> </ul>	<ul style="list-style-type: none"> <li>• To plant more and more seeds to make this Earth green.</li> <li>• Learnt to nurture a plant.</li> </ul>
<b>The Green Act</b>	<ul style="list-style-type: none"> <li>• To be done as a project.</li> </ul>	<ul style="list-style-type: none"> <li>• Poster making on 'How to protect the environment and the threatened species'.</li> </ul>	<ul style="list-style-type: none"> <li>• To imbibe the habit of cleanliness in public places.</li> <li>• To understand the importance of working in harmony and strive towards a common goal.</li> </ul>

			<b>Value Incorporated:</b> sense of responsibility and working in harmony.
<b>Diary Entry (Text Based)</b>	<ul style="list-style-type: none"> <li>Explanation of the format.</li> <li>Explaining the students the purpose and importance of diary entry.</li> </ul>	<ul style="list-style-type: none"> <li>Improvisation of writing as well as communication skills by giving different situations and topics to the students.</li> </ul>	<ul style="list-style-type: none"> <li>The learners will understand the purpose of writing a diary note.</li> <li>They will learn to express their ideas/emotions in a correct and logical manner.</li> </ul>

## FEBRUARY

### Revision and Annual Examination

#### Holiday Homework

1. Read any book from the list given below or any other book of your choice.

- A. Diary Of A Wimpy Kid by Jeff Kinney
- B. Alice’s Adventures In Wonderland by Louis Carroll
- C. Swamy And His Friends by R.K Narayan
- D. The Famous Five by Enid Blyton.

- Write a short summary of the story (anyone) in about 150 words and name the main characters
- Choose 10 interesting adjectives from the book and write their dictionary meanings.
- Write 1 synonym and 1 antonym of all the 10 words.
- Frame interesting sentences using these words.

1. Make a colourful poster along with a catchy slogan on A3 size sheet as per the roll no. assigned.

Roll No.	Topic
1 to 12	Corona Virus Awareness
13 to 24	Corona Warriors
25 to 36	Lockdown Period
37 onwards	Pollution Free Earth

- Learn and write any good poem of your choice. Also draw a picture related to it. Do it on an A3 size sheet.
- Revise all the topics/chapters done in the month of April and May.



## विषय -- हिंदी कक्षा -- पाँचवी

### सामान्य उद्देश्य-

1. राष्ट्र भाषा के रूप में भावनात्मक एकता का विकास ।
2. स्वयं की अभिव्यक्ति करने की कला विकसित करना ।
3. विद्यार्थियों को शुद्ध बोलना, पढ़ना व लिखना सिखाना ।
4. व्याकरण के नियमों को समझना ,उनकी त्रुटियों तथा अशुद्धि-निवारण की क्षमता प्रदान करना।
5. बच्चों में जिज्ञासा तथा कौतुहल प्रदान करना ।
6. विद्यार्थियों में आस्थायुक्त आधुनिक जीवन मूल्यों का विकास करना ।

**पाठ्यपुस्तकों के नाम :-** भाषा माधुरी एवं भाषा अभ्यास

**रचनात्मक कौशल :-** विज्ञापन ,पत्र -लेखन ,चित्र -वर्णन ,संवाद ,अनुच्छेद लेखन ।

**सहायक सामग्री :-** पी.पी.टी. , पी .डी.एफ. ,यू -ट्यूब वीडियो, माईक्रोसॉफ्ट टीम्स के माध्यम से शिक्षण।

### अप्रैल :-

क्रमसंख्या /पाठ का नाम	शैक्षणिक विधि	शैक्षणिक उद्देश्य
१. दिमागी लड़ाई	व्याख्यान ,अभिनय -कला .संयुक्ताक्षर ,युग्म -शब्द ।	बौद्धिक क्षमता का विकास । नाट्यकला के मूल बिन्दुओं से अवगत करवाना ।
२. स्वर -व्यंजन	वर्णमाला तथा विभाजन मात्रा का ज्ञान	
३ . लौहपुरुष	पढ़ना ,समझना ,सामूहिक चर्चा ,शब्द - भंडार ,संवाद कराना ।	जीवन का चरित्र चित्रण स्वतंत्रता प्राप्ति में सेनानियों का योगदान ।
<b>क्रियात्मक कार्य</b> -स्वतंत्रता सेनानियों के चित्र चिपकाना व किसी एक बारे में लिखना ।		छात्रों में रचनात्मक अभिव्यक्ति व काल्पनिक क्षमता का विकास करना ।
४. पेड़(कविता)	सस्वर वाचन ,सामूहिक चर्चा	१.प्रकृति के प्रति प्रेम २.कलात्मक व तर्क शक्ति का विकास ।
<b>अनुच्छेद</b> - पेड़ों का हमारे जीवन में महत्त्व <b>व्याकरण</b> - पाठों से सम्बंधित संज्ञा तथा भेद ,लिंग ,वचन,विलोम,पर्यायवाची शब्द आदि ।		

### मई :-

क्रमसंख्या /पाठ का नाम	शैक्षणिक विधि	शैक्षणिक उद्देश्य
५. पूरे एक हज़ार <b>व्याकरण</b> - मुहावरे, काल, वार्तालाप, संवाद,	पाठन, प्रश्नोत्तर, व्याख्यान, उद्धरण, पी.पी.टी., आदि विभिन्न शैलियों का समुचित प्रयोग।	ईश्वर के प्रति आस्था।
६. दो पहलवान <b>व्याकरण</b> - मुहावरे, काल, वार्तालाप, संवाद	पाठन, प्रश्नोत्तर, व्याख्यान, उद्धरण, पी.पी.टी., आदि विभिन्न शैलियों का समुचित प्रयोग।	व्यायाम का महत्त्व, प्रतियोगिता की भावना का विकास।
<b>क्रियात्मक कार्य</b> -सेहतमंद बनने के लिए क्या-क्या खाना चाहिए। चित्र सहित लिखना।		
<b>व्याकरण</b> -सर्वनाम, काल, मुहावरे, काल का पाठों के आधार पर स्पष्टीकरण	व्याख्यान, उद्धरण, पी.पी.टी., आदि विभिन्न शैलियों का समुचित प्रयोग।	सर्वनाम, काल, मुहावरे, काल से अवगत करवाना।

### जुलाई :-

क्रमसंख्या /पाठ का नाम	शैक्षणिक विधि	शैक्षणिक उद्देश्य
७. नदी यहाँ पर (कविता) प्राकृतिक सौंदर्य, नदियों की सफ़ाई का संदेश	वाचन, प्रश्नोत्तर, व्याख्यान, उद्धरण, पी.पी.टी., आदि विभिन्न शैलियों का समुचित प्रयोग।	प्रकृति के प्रति प्रेम। नदी के गुणों को अपने व्यवहार में लाना।
<b>क्रियात्मक कार्य</b> -भारत में बहने वाली नदियों के नाम व उनके राज्यों का नाम की तालिका बनाना।		भारत की प्रमुख नदियों व उनकी भौगोलिक स्थिति से अवगत करवाना।
८. पतीले की मृत्यु	पाठ को पढ़ाया जाएगा।	बीरबल की तरह सदा बुद्धिमान व चतुराई से कार्य करने की प्रेरणा देना।
९. टपके का डर <b>व्याकरण</b> -युग्म शब्द, विपरीतार्थक शब्द, वाक्यांश के लिए एक शब्द, विशेषण	पाठन, प्रश्नोत्तर, व्याख्यान, उद्धरण, पी.पी.टी., आदि विभिन्न शैलियों का समुचित प्रयोग।	कठिन परिस्थितियों का सामना धैर्य से करना। बुजुर्गों के प्रति प्रेम।
<b>क्रियात्मक कार्य</b> -क्राफ्ट पेपर की सहायता से मछलियाँ बनाकर पानी में तैरती हुई मछलियों के रूप में चित्रित कीजिए।		छात्रों में कलात्मकता का विकास करना।
अनुच्छेद-बारिश का दृश्य		छात्रों में रचनात्मक अभिव्यक्ति व काल्पनिक क्षमता का विकास करना।

## अगस्त

क्रमसंख्या /पाठ का नाम	शैक्षणिक विधि	शैक्षणिक उद्देश्य
१०.अजंता की सैर	पाठन,चित्र-वर्णनात्मक,प्रवाह -चित्र ,उदाहरण शैली ,पी .पी. टी .	ऐतिहासिक स्थलों का परिचय । धरोहरों की सुरक्षा में हमारे कर्तव्य ।
क्रियात्मक कार्य :-	अपनी किसी रोचक यात्रा का वर्णन ।(अनुच्छेद )सांस्कृतिक धरोहरों के साथ लोगों का व्यवहार व अपना व्यवहार तालिका में दिखाना ।	
११.ये बात समझ में आई नहीं (कविता)	सस्वर वाचन	बाल मनोवृत्ति से अवगत करवाना ।
पत्र -लेखन	औपचारिक व अनौपचारिक पत्र	पत्र लेखन कला से छात्रों को परिचित करवाना ।
१३ .बिरसा मुंडा	प्रश्नोत्तर ,व्याख्यान ,पाठन,उद्धरण शैलियों का समुचित प्रयोग ।	स्वतंत्रता -प्राप्ति में गुमनाम आदिवासियों की भूमिका से अवगत करवाना ।
क्रियात्मक कार्य	डायरी-लेखन :-पाठ में आई अपनी पसंदीदा बातें डायरी के रूप में लिखने को कहा जाएगा । क्रांतिकारियों के चित्र बनाना या चिपकाना व किसी एक का वर्णन	छात्रों में कलात्मकता का विकास करना ।

## सितम्बर :-

क्रमसंख्या /पाठ का नाम	शैक्षणिक विधि	शैक्षणिक उद्देश्य
१४.अगर न नभ में बादल होते	काल्पनिक अभिव्यक्ति ,प्रश्नोत्तर,व्याख्यान ,उद्धरण ,पी .पी.टी.आदि शैलियों का प्रभाव पूर्ण प्रयोग।	प्रकृति के महत्त्व,प्राकृतिक संपदा की सुरक्षा के प्रति दायित्वों के लिए प्रेरित करना ।
क्रियात्मक कार्य -	सावन में घर में कौन-कौन सी चीजें बनती हैं ?उनकी जानकारी प्राप्त कर किसी एक चीज को बनाने की विधि लिखें । बसंत ऋतु का चित्र बनाकर उसका वर्णन कीजिए ।	छात्रों में कलात्मकता का विकास करना ।
	<b>प्रथम सत्रीय परीक्षा हेतु पुनरावृत्ति , अभ्यास कार्य ।</b>	

**अक्टूबर :-**

क्रमसंख्या /पाठ का नाम	शैक्षणिक विधि	शैक्षणिक उद्देश्य
१५. प्रिय पौधा	प्रश्नोत्तर, व्याख्यान, उद्धरण, पी.पी.टी., प्रवाह चित्र आदि विभिन्न शिक्षण शैलियों का यथोचित प्रयोग।	१. प्रकृति के प्रति प्रेम २. आत्म विश्वास की भावना का विकास ३. प्रतियोगिता के प्रति सकारात्मक विचार विकसित करना।
क्रियात्मक कार्य	विभिन्न पेड़-पौधों की पत्तियों को इक्कट्टा करके कॉपी में चिपकाना व उनके विषय में लिखना।	छात्रों में कलात्मकता का विकास करना।
	यदि पेड़-पौधे बोल पाते तो आज की परिस्थितियों को ध्यान रखते हुए आपके और वृक्ष के मध्य संवाद लिखिए।	छात्रों में रचनात्मक अभिव्यक्ति व काल्पनिक क्षमता का विकास करना।
१६. बुद्धिमान राजा	पाठन, प्रश्नोत्तर, व्याख्यान, उद्धरण, पी.पी.टी., आदि विभिन्न शैलियों का समुचित प्रयोग।	बुद्धिमता द्वारा समस्या का समाधान किया जा सकता है।
क्रियात्मक कार्य	अकबर –बीरबल, तेनालीराम, मुल्ला नसीरुद्दीन, आदि के किस्से कक्षा में सुनाए।	उच्चारण-शुद्धता, अभिव्यक्ति कौशल, आत्मविश्वास आदि गुणों की वृद्धि करना।
अनुच्छेद -	किसी एक ऐसी घटना को अनुच्छेद के रूप में लिखना, जब आपने बुद्धि के प्रयोग से बिगड़ी बात बनाई हो।	छात्रों में रचनात्मक अभिव्यक्ति व काल्पनिक क्षमता का विकास करना।

**नवम्बर :-**

क्रमसंख्या /पाठ का नाम	शैक्षणिक विधि	शैक्षणिक उद्देश्य
१७. अंधेरनगरी	नाट्य- मंचन, प्रश्नोत्तरी, यू ट्यूब, पी.पी.टी., आदि का प्रयोग।	राजा तथा प्रजा के अधिकारों व कर्तव्यों से अवगत करवाना। न्याय –अन्याय, गुरु -शिष्य के संबंधों से परिचित करवाना। 'लालच बुरी बला है' इस उक्ति की सार्थकता सिद्ध करना।
क्रियात्मक कार्य	पठित नाटक को कहानी रूप में लिखें। किसी एक न्यायप्रिय राजा के किस्से को अभिनीत करें।	
१८. चाँद का कुर्ता (कविता)	सस्वर वाचन, प्रश्नोत्तर, यू ट्यूब, पी.पी.टी., आदि का प्रयोग।	शुक्ल व कृष्ण पक्ष से छात्रों को परिचित करवाना। बाल हठकी चर्चा करते हुए हठ की हानियों से अवगत करवाना।
क्रियात्मक कार्य	आपने किसी वस्तु/कार्य के लिए ज़िद की हो और उसके लिए दंडित/अपमानित होना पड़ा हो। अपना अनुभव डायरी रूप में लिखिए।	डायरी –लेखन कला में पारंगत करना।

## दिसंबर:-

क्रमसंख्या /पाठ का नाम	शैक्षणिक विधि	शैक्षणिक उद्देश्य
१९. हार की जीत	पाठन, प्रश्नोत्तर, व्याख्यान, उद्धरण, आदि विभिन्न शिक्षण-विधियों का यथोचित प्रयोग।	मानवीय मूल्यों का संचार करना। धर्म की अधर्म पर, परोपकारिता की स्वार्थपरता पर विजय के पाठ से छात्रों को परिचित करवाना।
क्रियात्मक कार्य	अपने प्रिय मित्र/आदर्श व्यक्ति के विषय में अनुच्छेद/कविता लिखें। कक्षा में आपका कलर बॉक्स खो गया है। इस विषय में एक सूचना तैयार करें।	छात्रों में रचनात्मक अभिव्यक्ति व काल्पनिक क्षमता का विकास करना।
२०. बेट्टिना का साहस	परिचर्चा, पाठन, व्याख्यान, उद्धरण, यू ट्यूब, पी.पी.टी., आदि का प्रयोग।	छात्रों को नैतिक मूल्यों, आत्मविश्वास, साहस आदि सफलता के मूल मंत्रों को अपनाने के लिए प्रेरित करना।
क्रियात्मक कार्य	अपने मित्र की सफलता पर बधाई संदेश लिखिए।	संदेश लिखने की कला से अवगत करवाना।

## जनवरी :-

क्रमसंख्या /पाठ का नाम	शैक्षणिक विधि	शैक्षणिक उद्देश्य
२१. लौट आया आत्मविश्वास	पाठन, व्याख्यान।	जहाँ चाह वहाँ राह की उक्ति से अवगत करवाना।
२२. कोशिश करने वालों की हार नहीं होती (कविता)	वाचन, व्याख्यान, प्रश्नोत्तर, उद्धरण आदि भिन्न-भिन्न विधियों का समुचित प्रयोग।	अथक परिश्रम के लिए प्रेरित करना। आत्म विश्वास, साहस, दृढ़ निश्चय जैसे गुणों का विकास करना।
क्रियात्मक कार्य	स्वरचित प्रेरणार्थक कविता कक्षा में सुनाएं।	कविता लिखने में रूचि उत्पन्न करना।
पत्र-लेखन	यू ट्यूब, पी.पी.टी., आदि का प्रयोग।	पत्र लेखन में कुशल होना।

## फ़रवरी :-

पुनरावृत्ति -वार्षिक परीक्षा हेतु।

## ग्रीष्मावकाश कार्य :

- कोई दो भारतीय महिला खिलाड़ी जिन्होंने अंतर्राष्ट्रीय स्तर पर भारत का गौरव बढ़ाया हो, उनके बारे में चित्र सहित लिखो। (40-50 शब्द में)
- शरीर से संबंधित मुहावरे चित्र बनाकर अर्थ सहित लिखो। (मुहावरे)

३. पेड़ों का हमारे जीवन में क्या महत्त्व चित्र बनाकर अनुच्छेद लिखो ।
४. अगर आपके और आपके भाई के बीच में नई घड़ी को लेकर झगड़ा हो जाए तो आप उसे कैसे सुलझाएंगे ? इस आधार पर संवाद लिखिए ।
५. पढ़ाए गए पाठों को याद करो व कठिन शब्दों को अर्थ सहित याद करो ।
६. चित्र को देखकर उसके बारे में एक पैराग्राफ लिखिए ।



दशहरावकाश गृहकार्य :- १.बुराई पर अच्छाई की जीत किस पर्व की सूचक है? चित्र बनाकर अपने शब्दों में उस पर्व का परिचय देते हुए उसकी विशेषताएँ लिखिए ।  
२.कक्षा कार्य की पुनरावृत्ति कीजिए ।

**शीतावकाश :-** १. सबसे ठंडा दिन कौन -सा था ?उस पर अपने विचार व्यक्त कीजिए ।  
२. कक्षा -कार्य की पुनरावृत्ति कीजिए ।

# MATHEMATICS

**Name of the Text Book- Primary Mathematics 5**

**M- Mistakes, A- Allow, T- Thinking to, H- Happen**




## General Objectives

1. To understand mathematical terms, symbols and concepts
2. To identify mathematical situation in his/her environment
3. To apply his/her skills in solving problems with proper emphasis on neatness, speed and accuracy
4. To apply mathematics in real life situations
5. To eliminate the phobia attached with the subject by activity oriented learning and developing positive attitude towards the subject
6. To develop sense of creativity and power of reasoning
7. To encourage students in understanding the mathematical facts by applying and working out the projects in simpler way
8. To develop problem solving approach among children
9. To develop high order thinking skills.
10. Develop ability to perform the four basic operations



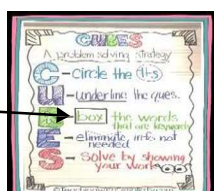
\*\*\*\*\*All Chapters will begin with introduction through **Fruyer’s Method** and closed by **Minimum Learning** Revision sheet & Error analysis questions\*\*\*\*\*

## APRIL

Topic	Contents with Teaching Aids/ Methodology	Learning Outcomes
Unit-1 Numbers up to 99,99,99,999	<ul style="list-style-type: none"> <li>• Introducing the new places using Place value chart</li> <li>• Representing 9 digit numbers on Abacus &amp; entering them in Place value chart.</li> <li>• Reading of 9 digit numbers by dividing into periods</li> <li>• Dictation of Numbers up to 9 digits.</li> <li>• <b>Art Integration</b>- Comparison between the places of Indian and International Systems using <b>Venn diagram</b>.</li> <li>• <b>Activity</b>- 1. Write the mobile numbers of your family members</li> </ul>	Students will be able to <ul style="list-style-type: none"> <li>• Read, write and recognize 8 or 9 digit numbers</li> <li>• Writing number names</li> <li>• Understanding place value system, expanded form</li> <li>• Writing predecessor/ Successor</li> <li>• Compare numbers and putting in order</li> <li>• Identify Periods, place and place value of each digit in a number.</li> </ul>

	<ul style="list-style-type: none"> <li>2. Divide them into periods according to both Indian and International systems</li> <li>3. Read them aloud and write their number names according to both systems.</li> <li>4. Arrange them in ascending order</li> <li>5. Form greatest &amp; smallest numbers using 9 different digits picked from the box by nine students.</li> <li><b>Number Story</b>- Recapitulation of entire chapter</li> <li><b>Foldable</b>- Indian and International place value system and their relationships.</li> <li><b>Self-made videos, you tube videos, what's app audios</b></li> <li><b>Assessment using Google forms</b></li> </ul>	
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MAY

Topic	Contents with Teaching Aids/ Methodology	Learning Outcomes
<p>Unit-2 Operation on Large Numbers</p>  <p>Unit-3 Multiples and Factors</p> 	<ul style="list-style-type: none"> <li>Arranging the numbers in Columns &amp; then add or subtract.</li> <li>Multiplication &amp; Division of Large numbers through explanation on Smart Board</li> <li>Mental Calculation by using 2 or more dice.</li> <li>Multiplication Tables by Matka Game.</li> <li>Properties of four operations.</li> <li>Word Problems involving all the four operations by C. U. B. E</li> <li><b>Art Integration</b> -Web Charts of operations of Mathematics</li> <li><b>Maths Ludo prepared and uploaded on Flip grid on operations of mathematics and what's videos shared by kids with teacher.</b></li> <li><b>Self-made videos, you tube videos, what's app audios</b></li> <li><b>Assessment using Google forms</b></li> <li><b>Riddles on different types of word problems</b></li> <li>Creating the idea of multiples of a number through its multiplication facts, skip counting by using cut-outs</li> </ul>	<p>Students will be able to</p> <ul style="list-style-type: none"> <li>Develop the ability of finding the sum, differences, product and quotient of large numbers.</li> <li>Apply these operations to solve simple problems related to day-to-day activities.</li> </ul> 



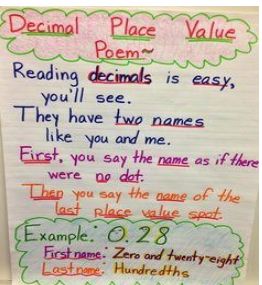
	<p>and base board of 100 and by playing bottle game.</p> <ul style="list-style-type: none"> <li>• Concept of factors through storytelling, dividing the numbers using bindis, beads and Blocks.</li> <li>• <b>Foldable</b> of multiples, Factors showing their similarities &amp; differences.</li> <li>• <b>Art Integration</b> - Venn diagram, to compare Multiples and Factors.</li> <li>• Even and odd numbers using dot game.</li> <li>• Prime and Composite Numbers using <b>Sieve of Eratosthenes.</b></li> <li>• Prime Factorization using <b>factor Tree Method</b></li> <li>• Drilling of Tables.</li> <li>• <b>Self-made videos, you tube videos, what's app audios</b></li> <li>• <b>Use of Open board for solving the questions and Droid Cam application to make teaching method more effective.</b></li> <li>• <b>Activities on square dot paper.</b></li> <li>• <b>Story of Chota bheem to explain the concepts of factors by dividing ladoos in different ways.</b></li> <li>• <b>Teaching through PPT and PDF</b></li> <li>• <b>Assessment using google forms.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Recalling Tables</li> <li>• Understands the concept of Multiples and Factors</li> <li>• Develop the ability of finding multiples &amp; Factors</li> <li>• Identify &amp; Differentiate the prime and composite numbers/odd and even numbers</li> <li>• Analyze the differences &amp; similarities between Multiples and Factors</li> </ul>
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**JULY**

Topic	Contents with Teaching Aids/ Methodology	Learning Outcomes
Unit-3 Multiples and Factors <b>continued</b>	<ul style="list-style-type: none"> <li>• L.C.M and H.C.F using cut-outs, blocks etc. through explanation on board and by showing videos.</li> <li>• <b>Art Integration</b>-Making Multiples and Factors clock using all the terms used in this chapter</li> <li>• Drilling of tables</li> <li>• <b>Preparation of HCF model and uploading the same on Flip grid tool</b></li> <li>• <b>Self-made videos, you tube videos, what's app audios</b></li> <li>• <b>Use of Open board for solving the questions and Droid Cam application to make teaching method more effective.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Apply the mathematical skills to find H.C.F and L.C.M of given numbers.</li> <li>• Develop the habit of learning by doing</li> </ul>

	<ul style="list-style-type: none"> <li>• Crosswords from crossword labs and learning app games</li> <li>• Teaching through PPT and PDF</li> <li>• Assessment using google forms</li> <li>• Mind of the Chapter using Mind map application.</li> </ul>	
<p>Unit-4 Fractional Numbers</p>	<ul style="list-style-type: none"> <li>• Types of fractions using Flash cards, cluster web</li> <li>• <b>Art Integration</b>- Comparing fractions by butterfly method</li> <li>• Ascending and Descending using strips by <b>Paper Folding/ square box notebook</b>.</li> <li>• Operational of fractional numbers by explanation on board and through discussion and questionnaire method.</li> <li>• Dividing fractions by <b>KFC Method</b></li> <li>• <b>Art Integration</b>-Fraction Disc</li> <li>• Word Problems based on moral values by relating it to day to day activities</li> <li>• <b>Foldable, Song</b></li> <li>• <b>Tables 2-20</b></li> <li>• <b>Self- made videos, you tube videos, what's app audios</b></li> <li>• Use of Open board for solving the questions and Droid Cam application to make teaching method more effective.</li> <li>• Crosswords from crossword labs and learning app games</li> <li>• Teaching through PPT and PDF</li> <li>• Assessment using google forms</li> <li>• Fractions web chart using Mind map Application.</li> <li>• Visualization of Multiplication and Division of fractional numbers using self- made videos.</li> </ul>	<ul style="list-style-type: none"> <li>• Develop innovative, creative approach towards learning.</li> <li>• Compare, reduce, add, subtract, multiply, divide the fractional numbers</li> <li>• Understands the word problems and identify the fundamental operations and solve.</li> </ul>

## AUGUST

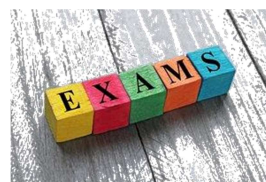
Topic	Contents with Teaching Aids/ Methodology	Learning Outcomes
Unit-5 Decimal Numbers	<ul style="list-style-type: none"> <li>• Concept of decimal by showing videos, Abacus and Place value chart.</li> <li>• Like &amp; Unlike Decimals by using Flash cards</li> <li>• Conversion of Decimal into fraction &amp; vice versa</li> <li>• Number Names &amp; Expanded form by using Place value chart, Abacus, reading aloud and writing.</li> <li>• Comparing 2 or more decimal numbers by observing the whole part and decimal part.</li> </ul>	<ul style="list-style-type: none"> <li>☐ Understand the concept of decimal by correlating with fraction</li> <li>☐ Recognize and read the decimal number</li> <li>☐ Identify like and Unlike decimals</li> <li>☐ Express decimal in fraction &amp; vice-versa</li> <li>☐ Compare two or more decimal numbers.</li> </ul>
Unit-6 Addition and Subtraction of Decimal numbers  Unit -7 Multiplication & Division of Decimal Numbers           Activity	<ul style="list-style-type: none"> <li>• Addition &amp; Subtraction of decimal numbers by changing into like and then arranging them on straight columns</li> <li>• Properties of addition &amp; Subtraction of decimal numbers by playing team game.</li> <li>• Multiplication of one decimal number by whole number and by another number using graph sheet and explanation on board through discussion and recalling tables.</li> <li>• Division of decimal number by whole number, by another decimal number and division of whole number by decimal number through explanation on board &amp; by showing videos &amp; modules on smart board</li> <li>• Properties of Multiplication &amp; Division of Decimal Numbers. Multiplication &amp; Division of decimal numbers by 10, 100, 1000</li> <li>• Word problems by relating it day to day activities</li> <li>• Foldable of operating of decimals , <b>Decimal place value poem-Art Integration</b></li> <li>• Songs of Decimals</li> <li>• Tables 2-20</li> </ul>	<ul style="list-style-type: none"> <li>☐ Add 2 or more decimal numbers</li> <li>☐ Identify the greater decimal number &amp; then subtract the smaller one</li> <li>☐ Solve daily life situations involving decimal numbers</li> <li>☐ Able to find the cost, weight and quantity of many items in decimal by knowing the value of one and vice-versa</li> <li>☐ Multiply and divide the decimal number</li> <li>☐ Solve the daily life situations involving decimal numbers</li> </ul> 

<p>Interdisciplinary Activity</p>	<ul style="list-style-type: none"> <li>• Make flash cards of any four Unlike Decimal Numbers &amp; then write their (a) Number Names (b) Read them aloud (c) Change them into like decimals (d) arrange them in ascending order (e) Expanded Form (f) Convert them into fractions (g) Represent them in Place value chart (h) Show them on Abacus and Add them</li> <li>• Make a challenging calendar for the month of August on A4 sheet</li> <li>• Write the important days/festivals with date.</li> <li>• Paste the pictures of that festival &amp; write few lines on it.</li> <li>• Collect more information of that important day.</li> <li>• Now celebrate this day with your friends in a group by showing presentation in a form of skit.</li> <li>• Use of Open board for solving the questions and Droid Cam application to make teaching method more effective.</li> <li>• Crosswords from crossword labs and learning app games</li> <li>• Teaching through PPT and PDF</li> <li>• Assessment using google forms</li> <li>• Self- made videos, you tube videos, what's app audios</li> </ul>	<ul style="list-style-type: none"> <li>☒ Think Independently.</li> <li>☒ Participate enthusiastically.</li> <li>☒ Apply the theoretical knowledge into practical usage.</li> <li>☒ Develop creative and thinking skills</li> <li>☒ Develop writing skills</li> <li>☒ Learn to do their best</li> <li>☒ Present the skit in interesting and Interactive way.</li> </ul>
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SEPTEMBER

Revision for the First Semester Exams 1<sup>st</sup> Semester Examination

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**OCTOBER**

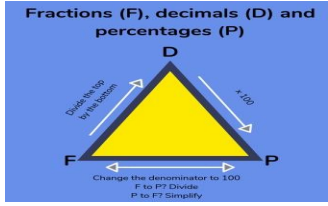
Topic	Contents with Teaching Aids/ Methodology	Learning Outcomes
<p style="text-align: center;">Unit-8 Simplification of Numerical Expression</p> <p style="text-align: center;">Unit-9 Rounding Numbers</p>	<ul style="list-style-type: none"> <li>☐ Explanation of numerical expression by taking many examples.</li> <li>☐ Application of DMAS rule to the numerical expression by recalling all the four operations of whole numbers, fractional &amp; decimal numbers.</li> <li>☐ Showing modules, videos on Smart board</li> <li>☐ Foldable, <b>Order of operation Practice sticks game</b></li> <li>☐ Rounding terms and meaning using <b>web chart</b>.</li> <li>☐ Explanation on the board by observing the digit at different places accordingly</li> </ul>	<ul style="list-style-type: none"> <li>• Enable the students to use their previous knowledge of solving operations separately to the new knowledge of BODMAS</li> <li>• Develop the habit of following the rules in their daily life.</li> <li>• Develop observation skills</li> <li>• Feel in &amp; motivated</li> <li>• Develop thinking and analytical skills</li> <li>• Estimate the given numbers</li> <li>• Apply in daily life situations</li> </ul>
<p style="text-align: center;">Unit-10 Averages</p>	<ul style="list-style-type: none"> <li>☐ Team Game.</li> <li>☐ Classroom quiz, rounding poem.</li> <li>☐ Round off your house number, car number.....to nearest 10, 100, 1000...</li> <li>☐ Hands on activity using ice-cream sticks and cups.</li> <li>☐ Rounding coaster to learn the rules easily</li> <li>☐ Activity using number line, thread, Bindi or sheet.</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the concept of Average</li> <li>• Compare the average temperature, marks, attendance in different situation.</li> <li>• Able to find the average in different situations in daily life</li> </ul>
<p style="text-align: center;">Online methodology used in three chapters</p>	<ul style="list-style-type: none"> <li>☐ Introduction by demonstration using beads &amp; by showing modules</li> <li>☐ Calculating average height/ weight/ attendance/ marks scored in 1st semester( Group activity)</li> <li>☐ Solving simple problems of averages by relating it to day to day activities.</li> <li>☐ <b>Use of Open board for solving the questions and Droid Cam application to make teaching method more effective.</b></li> <li>☐ <b>Crosswords from crossword labs and learning app games</b></li> <li>☐ <b>Teaching through PPT and PDF</b></li> <li>☐ <b>Assessment using google forms</b></li> </ul>	

**BODMAS**

- B** - Brackets
- O** - Orders
- D** - Division
- M** - Multiplication
- A** - Addition
- S** - Subtraction

	<p>Self- made videos, you tube videos, what's app audios</p>	
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**November**

Topic	Contents with Teaching Aids/ Methodology	Learning Outcomes
<p>Unit-11 Profit and Loss</p> <p>Unit-12 Percentages</p>  <p>Online methodology used in above two chapters</p>	<ul style="list-style-type: none"> <li>• Introduction by role play using fake currency and by showing modules Calculating Profit &amp; loss, determining S.P &amp; C.P by using formulae &amp; by group discussion.</li> <li>• Framing questions</li> <li>• Foldable on formulas and Classroom Quiz</li> <li>• Profit and Loss song- “Sara Jamana hai Profit ka deewana”</li> <li>• Word problems using CUBE method</li> <li>• Explanation of concept of percentage by relating it with fraction &amp; decimal.</li> <li>• Conversion of whole numbers, fractions, decimal numbers into percentage by multiplying by 100%.</li> <li>• Finding 1%, 10%, 50%, 25%, 75% of a number orally.</li> <li>• Finding % using graph, beads, objects in the classroom.</li> <li>• Foldable, Percentage comparison sheet</li> <li>• Finding % of each letter of your name and then add up.</li> <li>• Use of Open board for solving the questions and Droid Cam application to make teaching method more effective.</li> <li>• Crosswords from crossword labs and learning app games</li> <li>• Teaching through PPT and PDF</li> <li>• Assessment using google forms</li> <li>• Self- made videos, you tube videos, what's app audios</li> </ul>	<ul style="list-style-type: none"> <li>• Analyze profit loss</li> <li>• Determine C.P., S.P. Solve daily life problems involving Profit/ loss/ C.P. / S.P.</li> <li>• Correlate their learning with previous knowledge.</li> <li>• Learn to give 100% to any good act.</li> <li>• Calculate mentally.</li> <li>• Apply knowledge of % to day to day activities</li> </ul>

**December**

Topic	Contents with Teaching Aids/ Methodology	Learning Outcomes
Unit-13 Simple Interest	<ul style="list-style-type: none"> <li>• Introduction by taking examples &amp; through discussion.</li> <li>• Calculation of simple interest by using formula.</li> <li>• Calculating amount by using formula.</li> <li>• Role play using fake currency</li> <li>• Foldable.</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the terms used</li> <li>• Calculate interest on certain amount of money deposited / borrowed for 1 or more years at fixed rate of interest.</li> </ul>
Unit -14 Triangles	<ul style="list-style-type: none"> <li>• Introduction by using sticks/pencils etc.</li> <li>• Types of triangles by using flowchart, cut- outs, geo-board &amp; showing modules.</li> <li>• Properties of triangles by demonstration of cutting the 3 edges and pasting ( angle-sum property)</li> <li>• Property 2- by using 3 sticks of different colors &amp; sizes.</li> <li>• Foldable on types of triangles.</li> <li>• <b>Walking on different triangles and finding their lengths to prove side sum property.</b></li> </ul>	<ul style="list-style-type: none"> <li>• Classify different triangles according to their sides and angles</li> <li>• Finding the missing angle</li> <li>• Understands the properties of a triangle.</li> <li>• Learning by doing.</li> </ul>
Online methodology used in above two chapters	<ul style="list-style-type: none"> <li>• Use of Open board for solving the questions and Droid Cam application to make teaching method more effective.</li> <li>• Crosswords from crossword labs and learning app games</li> <li>• Teaching through PPT and PDF</li> <li>• Assessment using google forms</li> <li>• <b>Self- made videos, you tube videos, what's app audios</b></li> <li>• Use of Geo-zebra application</li> <li>• Use of Mind map for different types of triangles and properties</li> </ul>	

**January**

Topic	Contents with Teaching Aids/ Methodology	Learning Outcomes
Unit-15 Temperature	<ul style="list-style-type: none"> <li>• Introduction through discussion and questionnaire method for using thermometer.</li> <li>• Conversion of one scale into other by explanation on the board &amp; by showing modules.</li> </ul>	<ul style="list-style-type: none"> <li>☐ State the use of thermometer and units</li> <li>☐ Measuring temperature</li> <li>☐ Reading thermometer</li> <li>☐ Understanding body temperature and boiling point of water.</li> <li>☐ Making of thermometer.</li> </ul>

<p>Unit-16 Bills</p>	<ul style="list-style-type: none"> <li>• Temperature Song, Reading temperature using paper thermometer with given template</li> <li>• Introduction of bills through discussion &amp; questionnaire.</li> <li>• Reading of various bills by collection of different kinds of bills</li> <li>• Preparing a bill through explanation on the board.</li> <li>• Finding the cost of 100g, 500g, 250g, 750g...mentally</li> <li>• Paste various kinds of bills.</li> </ul>	<ul style="list-style-type: none"> <li>☒ Read &amp; examine various types of bills</li> <li>☒ Prepare a bill for the given type of bills</li> <li>☒ Finding errors in a bill</li> </ul>
<p>Unit-17 Data Handling</p>	<ul style="list-style-type: none"> <li>• Reading the given information in tabular form &amp; then answering the given questions.</li> <li>• Collection of data or information of different situations, reading it, presenting it through pictures, tally marks</li> <li>• Make a schedule of your daily activities in a tabular form &amp; then frame questions.</li> </ul>	<ul style="list-style-type: none"> <li>☒ Read the given information.</li> <li>☒ Organize the data using tally marks, pictures.</li> <li>☒ Interpret data to make predictions.</li> </ul>
<p>Interdisciplinary Activity</p>	<ul style="list-style-type: none"> <li>☒ Use of Open board for solving the questions and Droid Cam application to make teaching method more effective.</li> <li>☒ Crosswords from crossword labs and learning app games</li> <li>☒ Teaching through PPT and PDF</li> <li>☒ Assessment using google forms</li> <li>☒ <b>Self- made videos, you tube videos, what's app audios</b></li> <li>☒ <b>Mind mapping on different tools using Mind mapping application</b></li> <li>• Cut any type of triangle using colored pastel sheet &amp; make it attractive by pasting its legs and &amp; arms.</li> <li>• Now measure its angles, write the same on its edges &amp; then find their sum.</li> <li>• Now classify &amp; name it accordingly.</li> <li>• Then turn this and measure all the three sides of it and write on it.</li> </ul>	<ul style="list-style-type: none"> <li>☒ Develop innovative ideas</li> <li>☒ Display observation skills</li> <li>☒ Apply the theoretical knowledge into practical knowledge</li> <li>☒ Develop independent thinking skills &amp; connect their learning to everyday situation.</li> <li>☒ Develop logical &amp; analytical thinking. Develop creative thinking.</li> </ul>



	<ul style="list-style-type: none"> <li>• Prove that the sum of any two sides of triangle is always greater than the third side.</li> <li>• Classify and name it accordingly.</li> <li>• Name any three objects/monuments around you that are in triangular shape.</li> <li>• Which letters of alphabets (capital) contain triangles?</li> <li>• How many triangles can you draw from non- collinear points?</li> <li>• Count the number of triangles in this figure. Make your own designs using triangles.</li> </ul>	
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## FEBRUARY

### Revision for the Final Examination

Month	Topic	Activities/Art Integration	Material Required ***NO SCISSOR****
April	Numbers up- to 99,99,99,99 9	<ol style="list-style-type: none"> <li>1. <b>Art Integration-1</b>-Venn Diagram of both the systems</li> <li>2. <b>Art Integration 2</b>- Number Story to recapitulate entire chapter</li> <li>3. <b>Activity</b>- on mobile numbers with different questions.</li> <li>4. <b>Foldable</b> on both systems</li> </ol>	<ol style="list-style-type: none"> <li>1. Sketch Pens, circular bangle to draw Venn diagrams.</li> <li>2. Sketch pens, bindis for abacus</li> <li>3. –</li> <li>4. A4 sheet and sketch pens</li> </ol>
May-July	Operation on Large Numbers  Factors and Multiples  Fractional Numbers	<ol style="list-style-type: none"> <li>1. <b>Art Integration</b>- Web chart on all operation's terms</li> <li>2. <b>Activity</b>- Matka Game on tables</li> </ol> <ol style="list-style-type: none"> <li>1. <b>Art Integration-1</b> –Venn Diagram to compare multiples and factors</li> <li>2. Foldable <b>Bottle Game/dot game</b> on even and odd numbers</li> <li>3. <b>Art Integration-2</b>- Making multiples and factors clock</li> </ol> <ol style="list-style-type: none"> <li>1. <b>Art Integration</b>-Fraction cluster web, compare fractions by butterfly method, fractions Disc</li> <li>2. Ascending and descending order using <b>paper folding</b></li> <li>3. <b>Foldable</b></li> </ol>	<ol style="list-style-type: none"> <li>1. Sketch pens, pencil colors</li> <li>2. Matka and slips</li> </ol> <ol style="list-style-type: none"> <li>1. Sketch Pens, circular bangle to draw Venn diagrams</li> <li>2. A4 sheet and sketch pens</li> </ol> Bottle <ol style="list-style-type: none"> <li>3. Clock cutting and sketch pens</li> </ol> <ol style="list-style-type: none"> <li>1. Sketch pens, circle cut outs for disc, pencil colors</li> <li>2. strips</li> <li>3. A4 sheet</li> </ol>
August	Decimals and its operations	<ol style="list-style-type: none"> <li>1. <b>Art Integration</b>- Decimal place value poem</li> <li>2. <b>Song on decimals</b></li> <li>3. <b>Flash card Activity</b></li> <li>4. <b>Foldable</b></li> </ol>	<ol style="list-style-type: none"> <li>1. Sketch pens</li> <li>2. Audio available</li> <li>3. Flash cards</li> <li>4. A4 sheet and sketch pens</li> </ol>

		<b>5. Interdisciplinary activity- Making of Challenging Calendar</b>	5. A4 sheet and sketch pens, pictures of festivals
October	Simplification of numbers  Rounding of numbers  Averages	<b>1. Foldable</b> <b>2. Activity-</b> Order operations stick game  <b>1. Art Integration</b> –Rounding web chart, rounding poem, rounding coaster <b>2. Activity-</b> Team game, activity using number line, thread, bindi, sheet, hands on activity using ice-cream sticks and cups  <b>1. Activity-</b> Average of height, weight, marks, attendance	1. A4 sheet and sketch pens 2. Sticks with questions made by teacher 1. sketch pens, pencil colors, ruler  2. Material will be provided by teacher  1. data and numbers will be needed for calculating average
November	Profit and loss  Percentages	<b>1. Activity-</b> Role play <b>2. Profit and loss song</b> <b>3. Foldable</b> on formulas of profit and loss  <b>1. Relating percentage with decimals and fractions by making of triangle</b> <b>2. Activity</b> using graph sheet, beads, letters in your name <b>3. Foldable</b>	1. Fake currency 2. Lyrics of song will be provided by the teacher 3. A4 sheet and colors  1. Triangle cut out and colors  2. Beads, graph paper, colors 3. A4 sheet, colors
December	Simple  Interest  Triangles	<b>1. Activity-</b> Role play <b>2. Foldable</b> on formulas'  <b>1. Art Integration</b> -Flowchart, triangle cutouts <b>2. Properties</b> of triangle by cutting 3 edges <b>3. Property-2</b> using sticks <b>4. foldable</b> on types of triangles	1. Fake currency 2. A4 sheet, colors  1. colors, ruler, triangle cuttings 2. Triangle, glue 3. sticks of different colors and sizes 4. A4 sheet and colors
January	Temperature  Bills  Data handling	<b>1. Art Integration-</b> Paper thermometer with given template <b>2. Temperature song</b>  <b>1. pasting</b> of various kinds of bills and solving questions  <b>1. - Art Integration-1-</b> Tally marks activity using match sticks or color pencils  <b>2. Art Integration -2</b> Pictograph activity using bindi/pictures	1. thermometer template (bring cutting) and glue stick 2. lyrics will be provided by the teacher 1. bills  1. A3 size sheet, match sticks, colors, Fevistick/ Fevicol  2. Bindi, pictures

### Recommended Books:

1. Math-Magic (book 5 by NCERT)
2. Composite Mathematics by R.S Aggarwal
3. Number Magic by RatnaSagar
4. Speed Maths by A. Parker & J. Falukner

### Recommended Sites:

1. [www.homeschoolmaths.net](http://www.homeschoolmaths.net)
2. [www.khanacademy.org](http://www.khanacademy.org)
3. ELearning class 5 free tutorial cbse maths
4. [www.youtube.com](http://www.youtube.com)

## HOLIDAY HOMEWORK

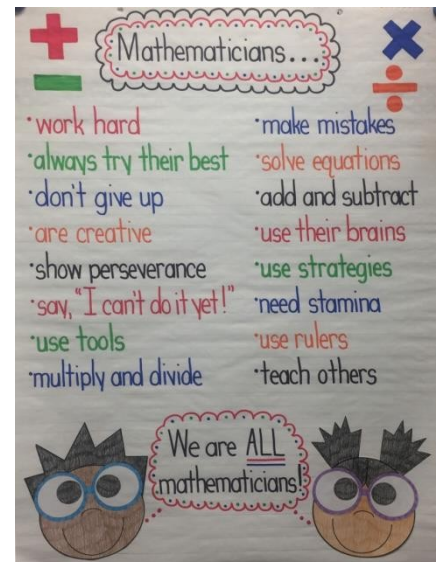
### Summer Holiday homework

1. Do one question of multiplication and one question of Division of 5,6,7 digit numbers by 2,3 and 4-digit number for 15 days in a separate notebook.
2. How do you grow as a mathematician today? Write few strategies of good mathematician on A3 Sheet

**Important note: Strategies should be creative, short and written neatly. Below one is an example for reference. Do not copy any strategy from below. Build your own to become a great Mathematician.**

3. Find out the mathematical terms in the following word puzzle. Take printout/ photocopy of below puzzle and find below given terms. Paste your puzzle on A4 size sheet.

**\*\*\*you can use different colors for different words\*\*\*\*\***



4. Play Ludo/snakes and ladders with 2 dice using PRIME Numbers only with family and friends.

5. Suppose the distance travelled by the migratory birds is as follows: **Use A4 sheets for question 3/5**

D	T	Y	G	L	N	F	M	J	R	I	E	U	D	Y
V	E	W	R	R	E	A	E	E	C	N	Q	I	I	T
R	C	N	J	T	R	N	T	L	U	G	U	Z	J	I
Q	R	F	O	G	E	E	G	M	G	H	I	D	S	C
Z	T	N	O	M	M	M	E	T	G	N	V	G	N	A
X	G	L	A	Y	I	R	O	O	H	Y	A	P	W	P
C	I	H	O	Z	A	N	A	E	D	N	L	W	B	A
K	E	X	U	T	U	S	A	G	G	H	E	E	V	C
E	L	B	O	S	B	G	O	T	R	F	N	I	E	B
N	Z	R	Y	C	Y	E	A	D	O	V	T	G	T	L
E	B	G	O	Q	I	W	V	U	O	R	K	H	U	E
N	O	I	T	C	A	R	F	L	L	R	J	T	C	M
R	W	T	T	Y	C	K	U	Z	T	M	A	U	A	J
O	B	T	U	S	E	M	T	N	I	O	P	Y	M	X
Y	U	O	U	C	E	L	I	N	E	E	J	V	U	A

ACUTE	ANGLE	CAPACITY
DENOMINATOR	EQUIVALENT	FRACTION
GEOMETRY	KILOGRAM	LENGTH
LINE	METER	NUMERATOR
OBTUSE	POINT	RAY
VOLUME	WEIGHT	

BIRD 1: 1534800 meters

BIRD 2: 28077569 meters

BIRD 3: 20587631 meters

BIRD 4: 43678969 meters

BIRD 5: 162332252 meters

Q1. Insert commas to separate the periods and write in words in Indian and International system.

Q2. Write the period, place and the place value of the bold digit in the form of chart.

Q3. Write them in expanded form.

Q4. What is the total distance travelled by all of them?

Q5. Which bird travelled the maximum distance?

Q6. Which travelled the minimum distance?

Q7. Arrange distance travelled in ascending order

### Winter Holiday Homework

1. Show 2 properties of a triangle (one on each side) on a cut out of a triangle and classify it accordingly.
2. Note down the temperature (maximum and minimum) for days and then find the average daily temperature. Also encircle the hottest and coldest day. Do the same on A4 sheet.
3. Learn tables 12-20 in your notebook

## Social Science

### Objectives:

1. To develop an understanding of family members as individuals.
2. To understand the importance of working in harmony.
3. To identify the relation between the types of houses and climatic conditions.
4. To arouse feelings of empathy towards the underprivileged and disabled.
5. To develop a sense of bonding amidst members of a community.
6. To understand and apply the concept of team spirit.
7. To help the child itself learning and understanding.
8. To respect the national heritage.
9. To stimulate power of observation.
10. To understand our rights and duties as a citizen of India and obey law and order.

### APRIL

Topic	Teaching Aids / Methodology	Learning Outcome
Chapter-1 Importance of Family	<ul style="list-style-type: none"> <li>➤ Thank you card for your parents or teachers showing gratitude for taking good care of you.</li> <li>➤ Draw different types of family.</li> </ul>	<ul style="list-style-type: none"> <li>➤ To develop respect for each family member and express gratitude to them.</li> <li>➤ To understand hierarchy in a family.</li> </ul>
Chapter-2 Human Migration	<ul style="list-style-type: none"> <li>➤ Group discussion and pictorial presentation with the use of PPT/videos</li> <li>➤ Draw or paste any 3 Migrating birds with their names.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Understand the reason of migration &amp; hardship faced by migrants.</li> <li>➤ To identify migratory birds and find the reason for their migration.</li> </ul>

### MAY

Topic	Teaching Aids / Methodology	Learning Outcome
Chapter-3 Variation in Shelters	<ul style="list-style-type: none"> <li>➤ Discussion on types of shelters &amp; with the use of PPT/videos.</li> <li>➤ Oral presentation on any one type of shelter based on land forms.</li> <li>➤ Write its characteristics.</li> </ul>	<ul style="list-style-type: none"> <li>➤ Learn about regional variations in houses.</li> <li>➤ To understand the purpose of different type of houses.</li> </ul>

JULY

Topic	Teaching Aids / Methodology	Learning Outcome
Chapter-4 Sensitivity towards others	<ul style="list-style-type: none"> <li>➤ Reading of lesson along with explanation with the aid of PPT/videos.</li> <li>➤ Individual clay work depicting various feeling and emotions of a human being.</li> <li>➤ List the facilities provided for Physically challenged and socially deprived persons in public places.</li> </ul>	<ul style="list-style-type: none"> <li>➤ To make them sensitive towards the deprived and special children.</li> <li>➤ To develop the artistic skills of the students.</li> <li>➤ To observe and understand the needs of special people.</li> </ul>
Chapter-5 Community Services	<ul style="list-style-type: none"> <li>➤ Explanation through interaction and related PPT/videos will be shown.</li> <li>➤ Group (Talk show)</li> <li>➤ Pasting of newspaper articles showing Community service. Writing reflection on it.</li> </ul>	<ul style="list-style-type: none"> <li>➤ To imbibe the value of mutual help.</li> <li>➤ To share their ideas for better well being of society.</li> <li>➤ To enhance reading skills and become aware of social issues.</li> </ul>

AUGUST

Topic	Teaching Aids / Methodology	Learning Outcome
Chapter-6 Leisure Time	<ul style="list-style-type: none"> <li>➤ Class discussion on types of games.</li> <li>➤ Role play/ mask making</li> </ul>	<ul style="list-style-type: none"> <li>➤ To understand playing as a means of recreation.</li> <li>➤ To develop the quality of hardwork and dedication</li> </ul>
Chapter-7 Changing trends in occupation	<ul style="list-style-type: none"> <li>➤ Reading of lesson along with explanation.</li> <li>➤ Use of PPT/videos</li> <li>➤ Enactment of different occupations, with a twist of a story.</li> </ul>	<ul style="list-style-type: none"> <li>➤ To appreciate the interdependence of rural and urban areas.</li> <li>➤ Will be able to identify different kind of occupations and their importance in our society.</li> </ul>

## SEPTEMBER

### Revision for First Semester Examination

Topic	Teaching Aids / Methodology	Learning Outcome
Chapter-8 Respecting Regional Differences	<ul style="list-style-type: none"> <li>➤ Group discussion on Andaman and Nicobar islands and related PPT/videos to be shown.</li> <li>➤ Exploding box for state style.</li> </ul>	<ul style="list-style-type: none"> <li>➤ To understand the cultural features of Andaman and Nicobar.</li> <li>➤ To make them respect regional disparities.</li> </ul>

## OCTOBER

Topic	Teaching Aids / Methodology	Learning Outcome
Chapter-9 Exploring India	<ul style="list-style-type: none"> <li>➤ Explanation through interaction and showing Picture in the PPT and through videos.</li> <li>➤ Brochure on any one state using dresses, dance, food, etc.</li> </ul>	<ul style="list-style-type: none"> <li>➤ To identify the amazing architectures around the India.</li> <li>➤ Students will get to know about the state culture in detail.</li> </ul>

## NOVEMBER

Topic	Teaching Aids / Methodology	Learning Outcome
Chapter-10 Mapping India	<ul style="list-style-type: none"> <li>➤ Class discussion on different types of maps.</li> <li>➤ Activity: Making of Grid</li> </ul>	<ul style="list-style-type: none"> <li>➤ To know the different types of maps and language of the map.</li> <li>➤ To demonstrate the movements of Earth.</li> </ul>
Chapter-11 Transportation in modern times	<ul style="list-style-type: none"> <li>➤ Reading of lesson along with explanation and use of PPT/videos.</li> <li>➤ Group Activity: "Auto Expo"</li> </ul>	<ul style="list-style-type: none"> <li>➤ To learn about the various modes of transport.</li> <li>➤ To develop communication skills and enhance their in depth knowledge of vehicle.</li> </ul>

## DECEMBER

Topic	Teaching Aids / Methodology	Learning Outcome
Chapter-12 Communication in modern times	<ul style="list-style-type: none"> <li>➤ Discussion about the importance of communication and related videos/PPT will be shown.</li> <li>➤ Individual chart on any 5 famous inventors with their inventions and year of their invention.</li> </ul>	<ul style="list-style-type: none"> <li>➤ To know about the various means of communication.</li> <li>➤ To be able to understand the advancement in the means of communication.</li> </ul>

## JANUARY

Topic	Teaching Aids / Methodology	Learning Outcome
Chapter-13 India's Neighbours	<ul style="list-style-type: none"><li>➤ Explanation through interaction and Display of map with the aid of PPT/Open Board.</li><li>➤ Collage on any one neighbouring country of India or flag pasting of neighbouring countries of India.</li></ul>	<ul style="list-style-type: none"><li>➤ Will gain knowledge about the neighbouring countries of India, their food, dresses, culture and their relationship with India.</li></ul>

## FEBRUARY

### Revision for Final Examination

#### Summer Holidays Homework

1. Prepare a chart on A-3 size sheet as per the roll no. assigned.

Roll no.	Topic
1-09	Different types of shelters
10-18	Water Harvesting
19-27	Historical monument
28-36	Indoor and outdoor games
37-43	Different types of occupations

2. Revise all syllabus done in April and May.

3. Paste the picture and write about the person who has inspired you on an A3 size sheet.

**OR**

**4. Prepare a book mark by using the waste materials. Write a suitable slogan related to 'save environment' .**

#### Winter Holidays Homework

1. Prepare a colourful travel booklet using pastel sheets and other decorative materials.
2. Write the names of celebrities and their contribution in creating awareness about girl education, cleanliness, health and hygiene.



## SCIENCE

### Objectives of teaching Science:

- 1) To make the use of science in day to day life.
- 2) To develop scientific problem solving skills.
- 3) To build scientific vocabulary.
- 4) To make them aware of the environment and inculcation of related values.
- 5) To engage them to joyfully exploring the world around and harmonizing with it.
- 6) To foster critical thinking, problem solving and logical thinking.
- 7) To sharpen observation skills and inculcate the spirit of exploration.
- 8) To learn about plants and animals through interaction with immediate environment.
- 9) To explore ways preserving natural resources.
- 10) To guide children towards understanding of key scientific concept.
- 11) To encourage children towards sustainable development.

### APRIL

CHAPTER	METHODOLOGY	LEARNING OUTCOMES
L-1:My Body <ul style="list-style-type: none"> <li>• Breathing system</li> <li>• Skeletal system</li> <li>• Types of joints</li> <li>• Sense organs in different animals</li> </ul>	<ul style="list-style-type: none"> <li>• Breathing activity for 30 seconds.</li> <li>• PPT &amp; Video on breathing system process.</li> <li>• Model making activity on breathing system.</li> <li>• Model of skeletal system(paper cut &amp; tear method)</li> <li>• Live demonstration of working of different type joints with examples day to day life (Self made videos)</li> <li>• PPT on sense organs of different animals.</li> </ul>	To enable students to- <ul style="list-style-type: none"> <li>• Understand the concept of breathing</li> <li>• Recognize the organs of breathing system and understand their function</li> <li>• Understand the importance of skeletal system</li> <li>• Distinguish between different types of joints</li> <li>• Recognize the sense organs of different animals</li> <li>• Inculcate the habit of sharing and teamwork</li> </ul>

## MAY

CHAPTER	METHODOLOGY	LEARNING OUTCOMES
<p>L-2: Plants</p> <ul style="list-style-type: none"> <li>• Photosynthesis</li> <li>• Insectivorous plants</li> <li>• Structure of seed and its germinations</li> <li>• Vegetative reproduction</li> <li>• Seed Dispersal</li> </ul>	<ul style="list-style-type: none"> <li>• Animation on photosynthesis</li> <li>• Slide show on insectivorous plants</li> <li>• Activity-Making insectivorous plants with paper cutting.</li> <li>• Live demonstration on Structure of bean, maize and wheat seed.</li> <li>• Sequence the stages of germination.</li> <li>• PPT on different type vegetative reproduction like potato and onion.</li> <li>• Web chart on seed dispersal</li> <li>• PPT and discussion on features of different seed</li> <li>• Make a list of seeds those disperse through different agent.(learning app.org)</li> </ul>	<p>Students enable to:</p> <ul style="list-style-type: none"> <li>• Understand and appreciate the process of photosynthesis in green plants.</li> <li>• Admire the amazing nature of plants</li> <li>• Identify various part of seed</li> <li>• Compare between monocot and dicot seed</li> <li>• Observe and analyze the condition required for germination.</li> <li>• Learn that plant can reproduce without seed</li> <li>• Relate the knowledge with environment</li> <li>• Awareness about different ways of seed dispersal</li> <li>• Inculcate the habit of caring and helping.</li> </ul>

## JULY

CHAPTER	METHODOLOGY	LEARNING OUTCOMES
<p>L-3 : Forest</p> <ul style="list-style-type: none"> <li>• Importance of forest and forest products.</li> <li>• Deforestation and its harmful effects</li> <li>• Conservation of forest</li> <li>• Wild life sanctuary and National park</li> </ul>	<ul style="list-style-type: none"> <li>• Group discussion on importance of forest through web chart.</li> <li>• Activity-collect and paste picture of five forest products.(On line jigsaw puzzle)</li> <li>• Discussion on deforestation with PPT and video</li> <li>• Demonstration on soil erosion and soil conservation with plants</li> <li>• Virtual tour of wildlife sanctuary and National parks</li> </ul>	<p>To enable student to-</p> <ul style="list-style-type: none"> <li>• Awareness about forest</li> <li>• Develop communication skills and interpersonal relationship</li> <li>• Realize the importance of forest serving as water tanks, disaster management and soil conservation</li> <li>• Comparison between wildlife sanctuary and national park</li> </ul>
<p>L-4: Animals-Our Friends</p> <ul style="list-style-type: none"> <li>• Usefulness of animals</li> <li>• Extinct and Endangered animals.</li> </ul>	<ul style="list-style-type: none"> <li>• Class discussion</li> <li>• Collect five pictures of endangered animals and paste in notebook.</li> </ul>	<p>To enable students to-</p> <ul style="list-style-type: none"> <li>• Awareness about animals</li> <li>• Learn to nurture the nature and coexist with it.</li> </ul>

<ul style="list-style-type: none"> <li>• Wild life trade</li> <li>• Food chain &amp; Food Web</li> <li>• Care for animals</li> </ul>	<ul style="list-style-type: none"> <li>• Video on endangered and extinct animals</li> <li>• Draw or paste of pictures of body parts of animals for which they are hunted.</li> <li>• Online flash card activity(Learning.com)</li> <li>• Discussion on programme launched by government to protect wild life</li> <li>• Making placard for food chain or wall hanging</li> <li>• Class discussion on care of Animals</li> </ul>	<ul style="list-style-type: none"> <li>• Tabulate data (Wildlife trade)</li> <li>• Differentiate between food chain and food web</li> <li>• Inculcate empathy toward animals.</li> </ul>
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### AUGUST

CHAPTER	METHODOLOGY	LEARNING OUTCOMES
<p>L-11 Our Solar system</p> <ul style="list-style-type: none"> <li>• Sun</li> <li>• Planets</li> <li>• Satellite</li> <li>• Natural satellite</li> <li>• Artificial satellite and its usage</li> </ul>	<ul style="list-style-type: none"> <li>• Role play on rotation and revolution</li> <li>• Explanation of solar system using PPT and video</li> <li>• Discussion related to solar energy with examples related to day to day life.</li> <li>• Activity-Making solar system and its planet (Planetmaker.wthr.us)</li> <li>• Collect information about planet and give presentation on one of your favorite planet(Flip grid app)</li> <li>• Phases of moon –Activity with biscuits</li> <li>• Collect information about ISRO</li> </ul>	<p>To enable students to-</p> <ul style="list-style-type: none"> <li>• Recognize stars and planet</li> <li>• Explain the importance of sun</li> <li>• Sequence the planets in solar system</li> <li>• Analyze reason for phases of moon.</li> <li>• List the purpose of sending artificial satellite into space</li> <li>• Develop friendly attitude</li> </ul>
<p>L-12 Observing the sky</p> <ul style="list-style-type: none"> <li>• Day and night sky</li> <li>• Constellation</li> <li>• Pole star</li> <li>• Changing night sky</li> </ul>	<ul style="list-style-type: none"> <li>• Introduction with PPT and</li> <li>• Interaction in the class</li> <li>• Activity-make constellation with matchsticks</li> <li>• Activity –observe any two constellation by using cylindrical pipe or torch, silver foil</li> </ul>	<ul style="list-style-type: none"> <li>• Develop observational and thinking skills</li> <li>• Analyze the reason for rising sun in east and setting in west</li> <li>• Identify different constellation</li> <li>• Distinguished between star and planet</li> </ul>

## SEPTEMBER

### Revision for First Semester Examination

## OCTOBER

CHAPTER	METHODOLOGY	LEARNING OUTCOMES
L-5: Food <ul style="list-style-type: none"> <li>• Balanced diet and its importance</li> <li>• Deficiency disease and their precautions</li> <li>• Communicable disease and their precautions</li> </ul>	<ul style="list-style-type: none"> <li>• Interactive session on balanced diet with expert (online video)</li> <li>• Model of food pyramid by paper cutting</li> <li>• Module on deficiency disease</li> <li>• Web chart on diseases through PPT(Kahoot App)</li> </ul>	To enable students to- <ul style="list-style-type: none"> <li>• Develop the habit of healthy eating.</li> <li>• Understand the importance of balanced diet.</li> <li>• Interpret different ways to protect from deficiency and communicable diseases</li> </ul>

## NOVEMBER

CHAPTER	METHODOLOGY	LEARNING OUTCOMES
L-7 Spoilage and wastage of food <ul style="list-style-type: none"> <li>• Food preservation</li> <li>• Cause and Preservation of food spoilage</li> <li>• Prevention of spoilage of food</li> <li>• Importance of food preservation</li> </ul>	<ul style="list-style-type: none"> <li>• Discussion through PPT</li> <li>• Realia like biscuit and magi packet.</li> <li>• Activity-grow bread moulds</li> <li>• Interactive session through PPT and Videos (LearningApp.org)</li> <li>• Activity-Paste the wrapper of any packaged food items and write its content, MFD/EXP and preservative used in it.</li> </ul>	To enable students to- <ul style="list-style-type: none"> <li>• Described the importance of food and different method of food preservation.</li> <li>• Empathize with food problems and design strategies to solve them</li> <li>• Importance of food preservation</li> </ul>
L-7: Importance of water <ul style="list-style-type: none"> <li>• Importance of water and plants</li> <li>• Water availability in nature</li> <li>• Ways of drawing out ground water</li> <li>• Water supply in cities</li> </ul>	<ul style="list-style-type: none"> <li>• Group discussion</li> <li>• Specimen of aquatic animals and plants through PPT</li> <li>• Cartoon approach on importance of water</li> <li>• Activity-Make your own water filter using a plastic bottle, cotton, pebbles, sand charcoal.</li> </ul>	To enable students to- <ul style="list-style-type: none"> <li>• Develop verbal ability</li> <li>• Learn about different uses of water.</li> <li>• Develop the habit of water conservation.</li> <li>• Sensitize people to keep water bodies clean</li> <li>• Develop creative and observational and analytical skills.</li> </ul>

## DECEMBER

CHAPTER	METHODOLOGY	LEARNING OUTCOMES								
<p>L-8: Properties of water</p> <ul style="list-style-type: none"> <li>Soluble and insoluble substances</li> <li>Floating and sinking</li> <li>State of water</li> <li>Evaporation, condensation and transpiration</li> <li>Water cycle</li> </ul>	<ul style="list-style-type: none"> <li>Learning by doing using salt, sugar, chalk powder and sand etc.</li> <li>Observation                             <table border="1" style="margin-left: 20px;"> <thead> <tr> <th style="text-align: center;">Soluble</th> <th style="text-align: center;">Insoluble</th> </tr> </thead> <tbody> <tr> <td style="height: 15px;"> </td> <td style="height: 15px;"> </td> </tr> <tr> <td style="height: 15px;"> </td> <td style="height: 15px;"> </td> </tr> <tr> <td style="height: 15px;"> </td> <td style="height: 15px;"> </td> </tr> </tbody> </table> </li> <li>Hands on activity</li> <li>Showing realia and video and PPT</li> <li>Activity with wet hand</li> <li>Activity-Water cycle in a plastic bag</li> <li>Water cycle – LearningApp.org</li> </ul>	Soluble	Insoluble							<p>To enable students to-</p> <ul style="list-style-type: none"> <li>Identify soluble and insoluble substance and tabulate the data collected.</li> <li>Give reason for floating and sinking materials.</li> <li>Develop thinking observational and analytical skills.</li> <li>Know about the fact of nature</li> </ul>
Soluble	Insoluble									
<p>L-9 Fuels</p> <ul style="list-style-type: none"> <li>Types of fuels</li> <li>Uses of fuel</li> <li>Fuels and machine</li> <li>Fossil fuel</li> <li>Renewable and non renewable resources of energy</li> <li>Looking for alternative to fossil fuels</li> <li>Energy conservation</li> </ul>	<ul style="list-style-type: none"> <li>Introduction through PPT</li> <li>Class discussion</li> <li>Mind map on types of fuel</li> <li>Flash card- Jigsaw puzzle</li> <li>Activity-Formation of fossil fuels using bread and gummy.</li> <li>Flow chart on formation of electricity from coal</li> <li>Poster making on save fuel</li> </ul>	<p>To enable the students to-</p> <ul style="list-style-type: none"> <li>Define fuel</li> <li>Classify fuels</li> <li>Develop the attention to use renewable resources of energy</li> <li>Inculcate the habit of using fuel wisely</li> <li>Appreciate the use of public transport and cycle</li> <li>Realize the importance of conservation of energy</li> </ul>								

## JANUARY

CHAPTER	METHODOLOGY	LEARNING OUTCOMES
<p>L-10 Air</p> <ul style="list-style-type: none"> <li>Composition of air</li> <li>Importance of air</li> <li>Air pollution and its causes effects and its prevention</li> </ul>	<ul style="list-style-type: none"> <li>Explanation through pie diagram</li> <li>Activity-with macaroni or cubical box</li> <li>Demonstration by using burning candle and glass</li> <li>PPT and on line video on air pollution and its prevention</li> <li>Online Flash card activity (LearningApp.org)</li> </ul>	<p>To enable the students to-</p> <ul style="list-style-type: none"> <li>Know the composition of air and its importance</li> <li>Create green environment</li> <li>Analyze the problems related to air pollution</li> <li>Inculcate the habit of sustainable development</li> </ul>

## FEBRUARY

Revision for second Semester Examination

### SUMMER HOLIDAYS HOMEWORK

Do the activity given below. Follow all safety precautions while handling all the gardening equipments. Involve your family members also in the activity.

1. GROWING PLANTS WITH STEM, ROOTS AND LEAVES

Experiment to grow plants from different parts other than seeds such as potato, ginger, garlic, rose stem, dahlia, carrot, money plant etc.



You can make a small project of your work with photographs or drawing. Click photographs at different stages of its growth or draw and prepare a collage along with pictures on A3 size sheets.

2. Make a beautiful chart on (A3 Size) any one topic of your Science book. You can choose the topic from first five chapters of the book.

3. List five migratory animals or birds. Paste their pictures /or draw and write at which time of the year, they migrate. Also mention their places of migration and their original habitat .(Note down it in C.W copy)

4. Collect the information of any one great environmentalist on Environment day (June 5<sup>th</sup>) and highlighting his /her work with her/his picture on A4 size. (Not more than 120 words) or make a poster on Environment day on A4 size paper.

5. Learn and revise chapters 1 and 2.

Useful links given below: (you can explore more)

[https://youtu.be/Hjtp9GMtf\\_w](https://youtu.be/Hjtp9GMtf_w)

<https://youtu.be/GtJeUa45nL4>

## WINTER HOLIDAYS HOMEWORK

1. Ask for your vaccination chart from your parents. Note down the diseases you are vaccinated against. Make a chart listing the diseases, the germs that cause these diseases and the mode of transfer of these germs
- 2) Make a fruit jam and write its recipe. Paste the pictures of fruits used in jam and write the vitamins present in it on a A 4 sheet. Make an attractive advertisement poster or video for your fruit jam with name.



## ICT

Learning Outcome	Methodology
<p style="text-align: center;"><b>Abilities</b></p> <ol style="list-style-type: none"> <li>1. Appreciating the storage of information by computer and basic design of CPU.</li> <li>2. Differentiate between RAM and ROM. Use of secondary storage media and measuring storage capacity.</li> <li>3. Recognize the file type. Create folder and files. Copy and move files from one folder to one another.</li> <li>4. Searching internet for images. Creating E Mail account.</li> <li>5. Following Netiquettes.</li> <li>6. Format text alignment, bullets and numbering, format and painter.</li> <li>7. Insert pictures from gallery, file.</li> <li>8. Resize and crop an image.</li> <li>9. Use of Impress- Create, Save, Open a presentation. Creating a new slide and slide layouts.</li> <li>10. Ergonomic and safety consideration while using computers. Use of antivirus for safe operation.</li> </ol>	<p><b><u>Variety of computer systems like desktop, laptop, tablet and smartphone- for demonstration (through MS Teams)</u></b></p> <ol style="list-style-type: none"> <li>1. Topic based educational software.</li> <li>2. Open Office Writer (Open source).</li> <li>3. Open Office Impress (Open source).</li> <li>4. Sample creative work.</li> </ol>

Month	Topic	Related Activity	Learning Objective
April	<b>Know your computer</b> 1. Types of memory 2. Storage devices	List the various input and output devices available in the lab.	<ul style="list-style-type: none"> <li>➤ Appreciate the various types of memories.</li> <li>➤ Measuring storage capacity.</li> </ul>
May	<b>Organizing your work</b> 1. Desktop, file, folder, window explorer.	Give the output for given search commands.	<ul style="list-style-type: none"> <li>➤ Appreciate the need of organizing in files and folders.</li> <li>➤ Copy and move files from one folder to appreciate the use of wild card character.</li> </ul>
July	<b>More operations in writer ( open office.org)</b> 1. Text alignment 2. Bullets and numbering 3. Special characters 4. Headers and footers	Word Search Puzzle	<ul style="list-style-type: none"> <li>➤ Appreciate the various formatting options available in writer.</li> </ul>



August	<b>Writing with styles and colours (open office.org - writer)</b> 1. Format painter 2. Spelling and grammar	Add Bold effects to all the headings in the document. Highlight them with light blue colour.	<ul style="list-style-type: none"> <li>➤ Learn the concept of font, size, colour.</li> <li>➤ Understand and use formatting options of text.</li> </ul>
September	<b>Images in a document- (open office.org-writer)</b> 1. To create a font work object 2. To edit font work attributes 3.To insert picture in a document 4. To resize picture 5. To open gallery	Using the font work styles and the pictures from the gallery, frame any short story.	<ul style="list-style-type: none"> <li>➤ Appreciate the concept of inserting pictures from files and gallery.</li> <li>➤ Learn to resize and crop an image.</li> </ul>
October	<b>Advanced features in open office.org- writer</b> 1. To change page setting 2. Background and border pages 3. Use a drawing tool bar 4. To insert new row or column inside a table. 5. Mail merge wizard	Open the given document .Make the given table and perform the following changes in it: 1.Complete the guest list. Insert some more records in the table. 2. Delete the record. 3. Add a new column serial no. before guest name.	<ul style="list-style-type: none"> <li>➤ Learn to use different page setting options.</li> <li>➤ Appreciate the concept of tables, mail merge and paragraph formatting.</li> </ul>
November	<b>Open office.org- Impress</b> 1. How to create presentation 2. Inserting a new slide 3. Slide Design 4. Font Style 5. Saving the presentation	Explore the background options available in impress and writer.	<ul style="list-style-type: none"> <li>➤ Understand basics of presentation.</li> <li>➤ Use Impress- To create and save a presentation.</li> <li>➤ Insert a new slide, slide layout and slide design.</li> </ul>
December	<b>Safe use of computers</b> 1. Critical steps to protect our computer.	Explain in writer five steps to protect our computer.	<ul style="list-style-type: none"> <li>➤ Appreciate Ergonomic and safety consideration while using computers.</li> <li>➤ Use Antivirus for safe operation.</li> </ul>
January	<b>Recapitulation of Second Term curriculum.</b>		

## VOCAL MUSIC

### OBJECTIVES

- Participate as a member of group
- Sing simple songs in English and Hindi

Every class will begin with the chanting of 'OM' (Gayatri Mantra)

THEME CONTENT	TEACHING AID	METHODOLOGY/ ACTIVITY	LEARNING OUTCOME
APRIL; GAYATRI MANTRA, PRACTICE OF PRAYER (Itni shakti & Humko mann ki shakti dena)	HARMONIUM, TABLA	MEMORIZING THE SONG / SINGING	DEVELOPING SINGING SKILLS
MAY; SEVEN NOTES (Sa, Re, Ga, Ma, Pa, Dha, Ni) & 5 ALANKARS	HARMONIUM, TABLA	SING THE NOTES INDIVIDUALLY	HONING THE SINGING SKILLS AND TAAL
JUNE; MANTRA (Asto maa sadgama & Om vishvani deva)	HARMONIUM	SING INDIVIDUALLY	ROOTS OF INDIAN CULTURE
JULY; SAARE JAHAN SE ACHHA & DAV GAAN & NATIONAL ANTHEM	HARMONIUM, TABLA	GET TO KNOW THE COMMUNITY SONGS and SCHOOL SONG	DEVELOPING RHYTHMIC SENSE & THE FEELING OF PATRIOTISM
AUGUST; Kadam kadam badhayeja & Hum honge kaamiyaab	HARMONIUM, TABLA	THEY WILL LEARN THE SONG AND SING INDIVIDUALLY	DEVELOPING THE SENSE OF SUR AND TAAL
SEPTEMBER; VANDE MATARAM & SATRANGI RANGON SE SONG	HARMONIUM, TABLA	REFINE SINGING AND AAKARS	ENJOY THE VARIETY OF SONGS
OCTOBER; FOLK SONG & BHAJAN FOR VARIOUS COMPETITIONS	HARMONIUM, MANJIRA, DHOLAK	ENUNCIATE THE LYRICS	TRADITIONAL MUSIC AND COMPETITIVE NATURE
NOVEMBER; PREPERATIONS FOR INTERSCHOOL COMPETITIONS	HARMONIUM, TABLA	MORE AND MORE PRACTICE FOR PERFECTION	EXPOSURE AND EXPERIENCE
DECEMBER; SHAANTI PATH AND PREPERATION FOR SPORTS DAY AND ANNUAL FUNCTION	HARMONIUM, TABLA, MARACUS	MORE AND MORE PRACTICE FOR PERFECTION	EXPOSURE AND EXPERIENCE WITH NEW OPPORTUNITIES
JANUARY; PREPRATION FOR REPUBLIC DAY CELEBRATION	HARMONIUM, TABLA	LEARN THE SONG AND SING IN CHOIR	PERFORMANCE AND STAGE EXPERIENCE
FEBRUARY; REVISION OF ALL THE PREVIOUS SONGS & TALENT HUNT	HARMONIUM, TABLA	PERFECTIONS	GARNISHED SINGING

## ART & CRAFT

### APRIL – MAY

TOPIC	Methodology	Learning Outcomes
Painting on Newspaper Calligraphy Doodling Craft work	Newspaper, Black poster colour, Brush Art File, Black pen Descriptive videos through whatsapp.	Students will learn form and rhythm in colours and lines. They will identify the illusion of depth in 2-dimensional art work.

### JULY- AUGUST

TOPIC	Methodology	Learning Outcomes
Vegetable Composition Still Life Composition Leaf Study Flower Composition	Art file, Oil Pastel Colours Use of Screen sharing on MSTEams. Use of live materials available at students home	They will develop compositional techniques. They will be able to identify foreground and background. Will help them relate with the science chapter on plants .

### SEPTEMBER – OCTOBER

TOPIC	Methodology	Learning Outcomes
Poster Making Slogan Writing Human Figures	Art file, Mixed media Discussion held through MSTEams online class. Drawing shown through screen sharing.	Students will be aware of current important issues and will try to find the solutions.

### NOVEMBER - DECEMBER

TOPIC	Methodology	Learning Outcomes
Bird /Animal Composition Figurative Composition	Art file, Oil Pastel Colours Screen sharing on MS Teams to be used . Simple figure drawing to be Shown by screen sharing.	Students will be able to analyze and apply the knowledge of the elements and principles of art. Observational skill will improve.

### JANUARY - FEBRUARY

TOPIC	Methodology	Learning Outcomes
Create your own composition	Art file, Oil Pastel Colours Students will be narrated a story through MsTeams Online class and will recreate the scene.	Imaginary skill of the students will improve. Learning of English literature will be fun and easy.

## G.K

The main objectives are:

To increase general awareness on current affairs.

To develop knowledge and generate curiosity.

To stimulate child's observation skills.

To develop problem solving skills.

To inculcating newspaper reading.

April	Language and Literature Pages 1 to 8
May	Language and Literature Pages 6 to 10
July	Environment Around Pages 6 to 10
August	Environment Around Pages 14 to 25 Discussion on Current Topics and Current Affairs
September	Revision for 1st Semester
October	World Around Pages 6 to 10 Discussion on current topics in News
November	Art and Culture Pages 37 to 46 Discussion on current topics in News
December	Math Magic Pages 47 to 57 Discussion on current topics in News
January	Sports and Games Pages 58 to 62
February	Test your wisdom Pages 63 to 67 Discussion on current topics in News

**Revision for Final Exam**

## FITNESS AND YOGA

### APRIL AND MAY

TOPIC	LEARNING OBJECTIVES	TEACHING METHODOLOGY / ACTIVITIES
<ul style="list-style-type: none"> <li>• Warm up exercises</li> <li>• Jump activity</li> </ul>	<ul style="list-style-type: none"> <li>• To practice various activities for good health and learn new skills.</li> <li>• To learn sequence jumps.</li> </ul>	<ul style="list-style-type: none"> <li>• Participate like running, jumping and throwing activities.</li> <li>• How far can you jump using a hop, step and jump.</li> </ul>
<b>YOGA</b> <ul style="list-style-type: none"> <li>• Sukshma vyayam</li> </ul>	<ul style="list-style-type: none"> <li>• Improve health and enhances strength of different organs and system in the body from head to toe.</li> </ul>	<ul style="list-style-type: none"> <li>• Minor exercise from head to toe.</li> <li>• Initial stage before starting Asana.</li> </ul>
<ul style="list-style-type: none"> <li>• Sthul vyayam</li> </ul>	<ul style="list-style-type: none"> <li>• To increase the concentration level.</li> <li>• To improve the body balance.</li> <li>• To improve re-vitalises the entire body.</li> </ul>	<ul style="list-style-type: none"> <li>• Rekha Gati.</li> <li>• Hrid-Gati.</li> </ul>
<ul style="list-style-type: none"> <li>• Asana</li> </ul>	<ul style="list-style-type: none"> <li>• Makes the spine flexible.</li> <li>• Helps relieve a backache.</li> <li>• Strengthens the muscles of the shoulder, arm and legs.</li> <li>• Improves the blood circulation to the brain.</li> </ul>	<ul style="list-style-type: none"> <li>• Majriasana.</li> <li>• Parvatasana.</li> </ul>
<ul style="list-style-type: none"> <li>• Pranayama</li> </ul>	<ul style="list-style-type: none"> <li>• Builds up stamina in the lungs.</li> <li>• Helps relieve headaches.</li> </ul>	<ul style="list-style-type: none"> <li>• Anulom vilom.</li> </ul>

### JULY

TOPIC	LEARNING OBJECTIVES	TEACHING METHODOLOGY / ACTIVITIES
<ul style="list-style-type: none"> <li>• Warm up exercises</li> </ul>	<ul style="list-style-type: none"> <li>• To learn how to run, jump and hop.</li> </ul>	<ul style="list-style-type: none"> <li>• Recapitulation of activities done in April and May.</li> </ul>
<b>YOGA</b> <ul style="list-style-type: none"> <li>• Asana</li> </ul>	<ul style="list-style-type: none"> <li>• To tone up the abdominal and shoulder muscles.</li> <li>• Every vertebra of the spine gets fully stretched.</li> </ul>	<ul style="list-style-type: none"> <li>• Uttan Mandukasana.</li> <li>• Ardhamatsyendrasana.</li> </ul>
<ul style="list-style-type: none"> <li>• Pranayama</li> </ul>	<ul style="list-style-type: none"> <li>• It controls the body temperature.</li> <li>• It cools the body.</li> </ul>	<ul style="list-style-type: none"> <li>• Sheetal pranayama.</li> </ul>

### AUGUST

TOPIC	LEARNING OBJECTIVES	TEACHING METHODOLOGY / ACTIVITIES
<ul style="list-style-type: none"> <li>Joint mobility and stretching exercises</li> </ul>	<ul style="list-style-type: none"> <li>To make them aware about their body joints.</li> </ul>	<ul style="list-style-type: none"> <li>Arms joint, wrist, shoulder, waist, knee and toe joints and exercises.</li> </ul>
<b>YOGA</b> <ul style="list-style-type: none"> <li>Asana</li> </ul>	<ul style="list-style-type: none"> <li>Tones up the leg muscles excellently.</li> <li>Reduces symptoms of flat feet.</li> <li>Strengthens and stretches the thighs, calves and ankles.</li> </ul>	<ul style="list-style-type: none"> <li>Utkatasana.</li> <li>Virabhadrasana.</li> </ul>
<ul style="list-style-type: none"> <li>Pranayama</li> </ul>	<ul style="list-style-type: none"> <li>It is best for blood circulation.</li> <li>It cools the body temperature.</li> </ul>	<ul style="list-style-type: none"> <li>Sheetkari pranayama.</li> </ul>

### SEPTEMBER

TOPIC	LEARNING OBJECTIVES	TEACHING METHODOLOGY / ACTIVITIES
<ul style="list-style-type: none"> <li>Locomotor skills</li> </ul>	<ul style="list-style-type: none"> <li>To build power and speed.</li> </ul>	<ul style="list-style-type: none"> <li>Walking, jumping, running, sliding, hopping, skipping.</li> </ul>
<b>YOGA</b> <ul style="list-style-type: none"> <li>Asana</li> </ul>	<ul style="list-style-type: none"> <li>Excessive fat in buttocks will reduce.</li> <li>It relieves gastric troubles.</li> <li>Your posture is improved and your balance is increased.</li> <li>Improves concentration and sense of balance.</li> </ul>	<ul style="list-style-type: none"> <li>Eka pada shalabhasana.</li> <li>Natarajasana.</li> <li>Garudasana.</li> </ul>

### OCTOBER

TOPIC	LEARNING OBJECTIVES	TEACHING METHODOLOGY / ACTIVITIES
<ul style="list-style-type: none"> <li>Non-locomotor skills</li> </ul>	<ul style="list-style-type: none"> <li>To build their excellent agility, balance and coordination.</li> <li>To build up stamina through these exercise.</li> </ul>	<ul style="list-style-type: none"> <li>Stretching, pushing, bending, twisting, pulling and turning.</li> </ul>
<b>YOGA</b> <ul style="list-style-type: none"> <li>Asana</li> </ul>	<ul style="list-style-type: none"> <li>Improves balance and digestion.</li> <li>It helps to relieve stress.</li> <li>Stretches the chest, neck, spine and hips.</li> <li>Improves circulation of blood.</li> <li>Stretches upper back.</li> <li>Encourages relaxation.</li> </ul>	<ul style="list-style-type: none"> <li>Naukasana.</li> <li>Setubandhasana.</li> <li>Ardha sarvangasana.</li> </ul>
<ul style="list-style-type: none"> <li>Pranayama</li> </ul>	<ul style="list-style-type: none"> <li>It releases tension.</li> <li>It is the best cure for stress.</li> </ul>	<ul style="list-style-type: none"> <li>Bhramari pranayama.</li> </ul>

### NOVEMBER

TOPIC	LEARNING OBJECTIVES	TEACHING METHODOLOGY / ACTIVITIES
<ul style="list-style-type: none"> <li>• Specific warm up</li> </ul>	<ul style="list-style-type: none"> <li>• To mentally prepare children for an activity.</li> <li>• To prevent injury.</li> </ul>	<ul style="list-style-type: none"> <li>• Shuttle run around the cones.</li> <li>• Do side to side switching the legs.</li> </ul>
<b>YOGA</b> <ul style="list-style-type: none"> <li>• Asana</li> </ul>	<ul style="list-style-type: none"> <li>• Opens the heart and lungs.</li> <li>• Stimulates abdominal organs.</li> <li>• Strengthens the back muscles.</li> <li>• Improves posture.</li> </ul>	<ul style="list-style-type: none"> <li>• Bhujangasana.</li> <li>• Dhanurasana.</li> </ul>
<ul style="list-style-type: none"> <li>• Yoga for concentration</li> </ul>	<ul style="list-style-type: none"> <li>• To give better immunity and self healing power.</li> <li>• To improve concentration power.</li> </ul>	<ul style="list-style-type: none"> <li>• Meditation.</li> </ul>

### DECEMBER

TOPIC	LEARNING OBJECTIVES	TEACHING METHODOLOGY / ACTIVITIES
<ul style="list-style-type: none"> <li>• General warm up</li> </ul>	<ul style="list-style-type: none"> <li>• To increase the body temperature.</li> </ul>	<ul style="list-style-type: none"> <li>• Jogging, jumping, running and stretching.</li> </ul>
<b>YOGA</b> <ul style="list-style-type: none"> <li>• Surya namaskar</li> </ul>	<ul style="list-style-type: none"> <li>• Provides flexibility to the whole body.</li> <li>• It help to increase strength endurance flexibility.</li> <li>• Balancing Harmones.</li> <li>• Improves blood circulation all over the body.</li> </ul>	<ul style="list-style-type: none"> <li>• Set of 12 yoga asana.</li> </ul>
<ul style="list-style-type: none"> <li>• Pranayama</li> </ul>	<ul style="list-style-type: none"> <li>• It can prevent and even cure acne if done correctly.</li> </ul>	<ul style="list-style-type: none"> <li>• Kapalbhati.</li> </ul>

## JANUARY & FEBRUARY

TOPIC	LEARNING OBJECTIVES	TEACHING METHODOLOGY / ACTIVITIES
<ul style="list-style-type: none"> <li>• Warm up or fitness circuit</li> </ul>	<ul style="list-style-type: none"> <li>• To learn different exercises to improve strength.</li> <li>• To improve endurance.</li> <li>• To improve strength.</li> </ul>	<ul style="list-style-type: none"> <li>• Running, jumping, jump over the rope, stretching skipping, hula hoops, push ups against a wall, independent sit ups.</li> </ul>
<p><b>YOGA</b></p> <ul style="list-style-type: none"> <li>• Asana</li> </ul>	<ul style="list-style-type: none"> <li>• Strengthens the arms.</li> <li>• Stretches and strengthens the back.</li> <li>• Strengthens the muscles around the rib cage with twist.</li> <li>• Stretches hamstrings, calves and inner thighs.</li> </ul>	<ul style="list-style-type: none"> <li>• Bakasana.</li> <li>• Bhunamnasana.</li> <li>• Supta padangusthasana.</li> </ul>
<ul style="list-style-type: none"> <li>• Pranayama</li> </ul>	<ul style="list-style-type: none"> <li>• Practice of pranayamas.</li> </ul>	<ul style="list-style-type: none"> <li>• Recapitulation of the pranayamas.</li> </ul>



नैतिक शिक्षा (धर्म-शिक्षा)

कक्षा- 5 सत्र-2020-2021

सामान्य उद्देश्य-

1. नैतिक मूल्यों को बढ़ाना
2. धर्म के प्रति रूचि पैदा करना
3. छात्र छात्राओं को चरित्रवान बनाना
4. श्रद्धा भाव उत्पन्न करना

अप्रैल

पाठ का नाम	शिक्षणविधि	उद्देश्य
1. याचना (हे प्रभो)	सस्वर वाचन एवं भावार्थ समझाना	प्रभु के प्रति श्रद्धा के भाव उत्पन्न कराना
2. गायत्री मन्त्र का महत्व	गायत्री मन्त्र का अर्थ समझाकर प्रश्नोत्तर कराना	जप करने की विधि एवं लाभ समझाना महत्व समझाना
3. आर्यसमाज के नियम (7से10 तक)	पाठ पढाकर नियमों का अर्थ समझाना, प्रश्नोत्तर कराना	नियम का जीवन में महत्व समझाना नियम याद करवाना

मई

पाठ का नाम	शिक्षणविधि	उद्देश्य
4. मूलशंकर का गृहत्याग	पाठ पढाकर,जीवन परिचय समझाकर प्रश्नोत्तर कराना	त्याग के प्रतिश्रद्धा उत्पन्न करना दयानंद जी के कार्य बताना
5. ऋषि महिमा	भजन सस्वर बुलवाकर भावार्थ एवं प्रश्नोत्तर कराना	जागृति का महत्व समझाना श्रद्धा का भाव उत्पन्न कराना
6. अच्छा बालक	पाठ पढाकर,अच्छे बालक के गुण बताकर प्रश्नोत्तर कराना	अनुशासन का जीवन में महत्व समझाना चरित्र वान बनाना

जुलाई

पाठ का नाम	शिक्षणविधि	उद्देश्य
7. महात्मा सुकरात की सहनशीलता	पाठ पढाकर, सहनशीलता का भाव समझाकर, प्रश्नोत्तर कराना	धैर्य उत्पन्न कराना सहनशीलता को बढ़ाना
8. बडे घर के गायक कराना	पाठ पढाकर, बडे घर की बात समझाकर, प्रश्नोत्तर कराना	गान का महत्व समझाना संगीत का परिचय
9. गुणगान (ईश्वर के गुण गाया कर)	पाठ पढाकर, ईश्वर महिमा को समझाकर प्रश्नोत्तर कराना	आस्था उत्पन्न कराना दुख की अनुभांति कराना

अगस्त

पाठ का नाम	शिक्षणविधि	उद्देश्य
10. अहिंसा की आवश्यकता	पाठ पढाकर, जीवन में अहिंसा के लाभ बताना प्रश्नोत्तर कराना	अहिंसा के गुणो का ज्ञान कराना
11. स्वाध्याय	पाठ पढाकर, स्वाध्याय का अर्थ समझाकर, प्रश्नोत्तर कराना	स्वाध्याय मे रूचि उत्पन्न कराना स्वाध्याय के लाभ समझाना
12. सत्संग का प्रभाव	पाठ पढाकर, सत्संग का सही अर्थ समझाकर, प्रश्नोत्तर कराना	सत्संग के लाभ बताना किनका संग करना अच्छा है? बताना

सितम्बर

पुनरावृत्ति कार्य एवं परीक्षा

अक्टूबर

पाठ का नाम	शिक्षणविधि	उद्देश्य
13. सेवा	पाठ पढाकर, सेवा का महत्व समझाकर, प्रश्नोत्तर कराना	सेवा के प्रति श्रद्धा उत्पन्न कराना सेवा का फल समझाना
14. शरणागति (हमने ली है फकत इक तुम्हारी)	सस्वर बुलवाकर, भावार्थ समझाकर, प्रश्नोत्तर कराना	प्रभु की शरण का महत्व समझाना किसकी शरण अच्छी है यह समझाना
15. स्वामी विरजानन्द सरस्वती	पाठ पढाकर, स्वामी जी की कथा सुनाकर, प्रश्नोत्तर कराना	ऋषियों के प्रति श्रद्धा भाव समझाना स्मरण शक्ति का महत्व समझाना

नवम्बर

पाठ का नाम	शिक्षणविधि	उद्देश्य
16. पं.गुरूदत्त विद्यार्थी	जीवन परिचय,पाठ पढाकर प्रश्नोत्तर कराना	विद्यार्थी के गुण बताना एकाग्रता का लाभ समझाना
17. लाला लाजपत राय	पाठ पढाकर,जीवन परिचय समझाकर, प्रश्नोत्तर कराना	आर्यसमाज के प्रति समर्पण लाजपतराय के कार्यों को समझाना

दिसम्बर

पाठ का नाम	शिक्षणविधि	उद्देश्य
18. सरदार भगतसिंह	पाठ पढवाकर,क्रान्ति की कथा सुनाकर,प्रश्नोत्तर कराना	वीरता के गुणों को समझाना देशभक्ति की भावना को बढ़ाना
19. दयानंद प्रशस्ति ( बताएं तुम्हे हम)	पाठ का सस्वर वाचन कराकर, भावार्थ समझाकर,प्रश्नोत्तर कराना	दयानंद जी के कार्यों को समझाना दयानंद जी की जागृति को

जनवरी

पाठ का नाम	शिक्षणविधि	उद्देश्य
२०. सन्ध्या बढाने प्रार्थना (मन्त्र) बताना	मन्त्रों का उच्चारण समझाकर भावार्थ समझाकर, अर्थ बताना	सन्ध्या के प्रति श्रद्धा भाव प्रार्थना व सन्ध्या के फल

फरवरी  
पुनरावृत्ति कार्य एवं परीक्षा