

## नेवी चिल्ड्रन स्कूल

### हिंदी पाठ्यक्रम रूपरेखा (2024-2025)

#### रिमाइम - कक्षा-5

महीना	इकाई	पाठ का नाम	व्याकरण	रचनात्मक/गतिविधि लेखन	जीवन मूल्य	सीखने के प्रतिरूप
अप्रैल	1	राख की रस्सी	<ul style="list-style-type: none"> <li>संज्ञा (परिभाषा एवं प्रकार)</li> </ul>	<ul style="list-style-type: none"> <li>तिब्बत का रहन-सहन संस्कृति को चलचित्र द्वारा समझाना</li> </ul>	<ul style="list-style-type: none"> <li>सूझ-बूझ, चतुराई से कठिनाई का निवारण करना</li> </ul>	<ul style="list-style-type: none"> <li>दूसरों के साथ वार्तालाप एवं प्रतिक्रिया करने की योग्यता का विकास</li> </ul>
मई	2	दुनिया की छत (स्वाध्याय) फसलों का त्योहार (लेख)	<ul style="list-style-type: none"> <li>क्रिया</li> </ul>	<ul style="list-style-type: none"> <li>फसलों से जुड़े त्योहारों की जानकारी एकत्रित करना (चित्र, कविता, कहानी, विडियो)</li> </ul>	<ul style="list-style-type: none"> <li>विभिन्न राज्यों की भाषा, संस्कृति त्योहार, पहनावा, फसल एवं खाद्य पदार्थ की जानकारी</li> </ul>	<ul style="list-style-type: none"> <li>अपने देश की लोक कथाओं के बारे में जानकारी</li> <li>फसलों से जुड़े विभिन्न त्योहारों की जानकारी प्राप्त करना</li> </ul>
जून	3	खिलौनेवाला (कविता)	<ul style="list-style-type: none"> <li>विलोम</li> <li>वचन</li> </ul>	<ul style="list-style-type: none"> <li>फसलों से जुड़े किसी एक त्योहार को कक्षा में प्रस्तुत करना</li> <li>माँ के विषय में रचनात्मक लेखन</li> <li>कागज एवं गत्ते से अपने मनपसंद खिलौने बनाना</li> </ul>	<ul style="list-style-type: none"> <li>बचपन के विभिन्न खेल एवं खिलौनों</li> <li>वात्सल्य प्रेम का महत्व एवं आवश्यकता का ज्ञान</li> </ul>	<ul style="list-style-type: none"> <li>संज्ञा और क्रिया के भेदों को समझना</li> <li>काव्य में निहित मुख्य भाव और संदेश को समझने का विकास</li> <li>भाषा के शुद्ध रूप का ज्ञान</li> </ul>

	4	<p>नन्हा फ़नकार (कहानी)</p> <ul style="list-style-type: none"> <li>• ईदगाह (स्वाध्याय)</li> <li>• हवाई छतरी (स्वाध्याय)</li> </ul>	<ul style="list-style-type: none"> <li>• विशेषण (परिभाषा एवं प्रकार)</li> <li>• गिनती (एक से पचास तक)</li> </ul>	<ul style="list-style-type: none"> <li>• चित्र सहित औजारों के नाम लिखना एवं रंग भरना</li> <li>• मुंशी प्रेमचंद्र की कहानियों को कक्षा में प्रस्तुत करना</li> <li>• किसी भी लेखक एवं लेखिका की वेशभूषा धारण कर ,उनकी रचनाओं को प्रस्तुत करना</li> <li>• कागज़ एवं प्लास्टिक के थैले से कक्षा में हवाई छतरी बनाना</li> <li>• गिनती को मौखिक रूप से कक्षा में प्रस्तुत करना</li> </ul>	<ul style="list-style-type: none"> <li>• शिल्पकला का ज्ञान, इतिहास की जानकारी</li> <li>• विभिन्न लेखकों एवं लेखिकाओं के विषय में जानकारी</li> <li>• मिलजुलकर रहने की सीख</li> <li>• रचनात्मक कार्य करने की सीख</li> </ul>	<ul style="list-style-type: none"> <li>• भाषा के शुद्ध रूप का ज्ञान</li> <li>• परिवार , मित्र ,शिक्षक आदि की भाषा सुनकर समझने की योग्यता का विकास</li> <li>• लिखित सामग्री को ध्वनियों एवं मात्राओं की शुद्धता के साथ पढ़ना</li> <li>• हिंदी गणनाओं का ज्ञान</li> </ul>
जुलाई	5 6	<p>जहाँ चाह वहाँ राह (लेख)</p> <p>पत्र चिट्ठी का सफ़र (लेख)</p> <p>(पुनरावृत्ति)</p>	<ul style="list-style-type: none"> <li>• उपसर्ग</li> <li>• प्रत्यय</li> <li>• मुहावरे</li> <li>• वाक्यांश के लिए एक शब्द</li> </ul>	<ul style="list-style-type: none"> <li>• विभिन्न टांकों की मदद से रुमाल पर डिजाईन बनाना</li> <li>• परिश्रम का महत्व (रचनात्मक लेखन)</li> <li>• रंगीन कागज से लिफ़ाफ़ा बनाना</li> <li>• पत्र लेखन (अनौपचारिक)</li> </ul>	<ul style="list-style-type: none"> <li>• इच्छाशक्ति आत्मविश्वास एवं परिश्रम का महत्व</li> <li>• भावनाओं एवं विचारों का आदान-प्रदान</li> </ul>	<ul style="list-style-type: none"> <li>• इच्छाशक्ति , आवश्यकताओं एवं परिश्रम का महत्व</li> <li>• पिनकोड , घर का पता इत्यादि की समझ</li> <li>• उपसर्ग-प्रत्यय और मुहावरे का ज्ञान</li> </ul>

अगस्त	7  8	डाकिए की कहानी कंवरसिंह की जुबानी (भेटवार्ता)  वे दिन भी क्या दिन थे (विज्ञान कथा)	<ul style="list-style-type: none"> <li>• काल (परिभाषा एवं प्रकार)</li> <li>• पर्यायवाची शब्द</li> <li>• लिंग</li> </ul>	<ul style="list-style-type: none"> <li>• विभिन्न डाक टिकटो को एकत्रित करना एवं कॉपी में चिपकाना</li> <li>• संदेश पहुँचाने के पुराने तथा आधुनिक साधनों के चित्र बनाना एवं सूची तैयार करना</li> <li>• डाकपेटी बनाना एवं पत्र लिखकर उसमे डालने का अभिनय करना</li> </ul>	<ul style="list-style-type: none"> <li>• पत्र लिखने की कला का विकास</li> <li>• विचारों एवं अनुभावों की अभिव्यक्ति</li> <li>• आत्मानिर्भरता का महत्व</li> <li>• डायरी लेखन का महत्व</li> </ul>	<ul style="list-style-type: none"> <li>• शब्दकोश में वृद्धि</li> <li>• डायरी में अपने दिनचर्या को लिखना</li> <li>• अपने मन की भावनाओ को पत्र लिखकर व्यक्त करने का विकास</li> </ul>
सितंबर	9  10	एक माँ की बेबसी (कविता)  एक दिन की बादशाहत (कहानी) <b>पुनरावृत्ति (अर्धवार्षिक परीक्षा)</b>	<ul style="list-style-type: none"> <li>• वर्ण-विच्छेद (स्वर + व्यंजन)</li> <li>• मात्राओं के आधार पर</li> </ul>	<ul style="list-style-type: none"> <li>• मेरी माँ (अनुच्छेद लेखन)</li> <li>• हिंदी दिवस (कक्षा में कविता प्रस्तुत करना)</li> <li>• चार्ट पेपर से मुकुट बनाना</li> <li>• प्रस्तुत कहानी का बच्चों द्वारा अभिनय करना</li> </ul>	<ul style="list-style-type: none"> <li>• मातृत्व प्रेम ,त्याग तथा संवेदशीलता</li> <li>• असहाय बच्चों की सहायता करना</li> <li>• स्वतंत्रता, जिम्मेदारी एवं कर्तव्य की वृद्धि</li> </ul>	<ul style="list-style-type: none"> <li>• माँ के विषय में अपनी भावनाएँ व्यक्त करना सीखना</li> <li>• कविता के भावों की समझ</li> <li>• वर्ण-विच्छेद का ज्ञान</li> <li>• कहानी पढ़ने ,सुनने की कौशल का विकास</li> <li>• मौखिक अभिव्यक्ति का विकास</li> </ul>

अक्टूबर	11	चावल की रोटियाँ (नाटक)	<ul style="list-style-type: none"> <li>• गिनती (पचास से सौ तक)</li> <li>• क्रिया – विशेषण (परिभाषा एवं प्रकार)</li> </ul>	<ul style="list-style-type: none"> <li>• अपने किसी मनपसंद व्यंजन को कक्षा में लाकर सामूहिक रूप से भोजन करना</li> <li>• चावल की रोटियाँ बनाकर नाटक को कक्षा में बच्चों द्वारा अभिनय करना</li> </ul>	<ul style="list-style-type: none"> <li>• हिंदी की गिनती की पहचान एवं जानकारी</li> <li>• सृजनात्मक शक्ति का विकास</li> <li>• विभिन्न प्रकार के भोजनों का स्वाद लेना</li> <li>• हास्य रस ,सूझ-बूझ</li> <li>• तथा हाज़िर जवाबी बनने का विकास</li> </ul>	<ul style="list-style-type: none"> <li>• अभिनय कला का विकास</li> <li>• अपनी बात को आत्मविश्वास से कहने की योग्यता का विकास</li> <li>• विभिन्न प्रकार के व्यंजनों की जानकारी</li> <li>• सुर लय के साथ कविता वाचन की समझ</li> </ul>
	12	गुरु और चेला (कविता)		<ul style="list-style-type: none"> <li>• गिनती को मौखिक रूप से कक्षा में सुनना</li> <li>• गुरु का महत्व (अनुच्छेद लेखन)</li> <li>• कविता के विभिन्न पात्रों का कक्षा में अभिनय करना</li> </ul>		

नवम्बर	<ul style="list-style-type: none"> <li>• 13</li> <li>•</li> </ul>	<p>बिना जड़ का पेड़ (केवल पठन हेतु)</p> <p>स्वामी की दादी (कहानी)</p> <p>पुनरावृत्ति</p>	<ul style="list-style-type: none"> <li>• सर्वनाम (परिभाषा एवं प्रकार )</li> <li>• विराम-चिन्ह</li> <li>• विलोम शब्द (15)</li> </ul>	<ul style="list-style-type: none"> <li>• पेड़ों के महत्व पर (अनुच्छेद लेखन )</li> <li>• पेड़ के गुण-अवगुण के विषय में ,कक्षा में वाद-विवाद करना</li> <li>• दादी नानी द्वारा बताई गई कहानी को कक्षा में प्रस्तुत करना</li> </ul>	<ul style="list-style-type: none"> <li>• पेड़ों के महत्व की जानकारी</li> <li>• पेड़ के विभिन्न भागों की जानकारी</li> <li>• पारिवारिक संबंध एवं संवेदनाएं</li> </ul>	<ul style="list-style-type: none"> <li>• नए शब्दों का ज्ञान</li> <li>• बुजुर्गों के प्रति आदर और सम्मान की भावना का विकास</li> <li>• सीखे हुए ज्ञान को परिवेश से जोड़ना</li> </ul>
दिसंबर	<ul style="list-style-type: none"> <li>• 14</li> <li>•</li> <li>• 15</li> </ul>	<p>बाघ आया उस रात (कविता)</p> <p>एशियाई शेर की मीठी गोलियां (केवल पठन हेतु)</p> <p>बिशन की दिलेरी (कहानी)</p>	<ul style="list-style-type: none"> <li>• पर्यायवाची शब्द</li> <li>• अनेकार्थी शब्द</li> </ul>	<ul style="list-style-type: none"> <li>• पुराने समाचार पत्र से पशु-पक्षियों का कोलाज बनाना</li> <li>• बाघ का चित्र बनाकर उसके विषय में वाक्य लिखना</li> <li>• चिड़ियाघर की सैर करना एवं अपने अनुभवों को लिखना</li> <li>• प्राथमिक चिकित्सक पेट्टी बनाना एवं उपचार के साधनों को उसमें रखना</li> </ul>	<ul style="list-style-type: none"> <li>• पशु-पक्षियों के प्रति प्रेम एवं संवेदनशीलता</li> <li>• पशु-पक्षियों के उपचार करने की सीख</li> <li>• शेर, बाघ एवं तीतर के विषय में ज्ञान</li> <li>• चिड़ियाघर की सैर के लिया प्रोत्साहित होना</li> </ul>	<ul style="list-style-type: none"> <li>• पशु-पक्षियों और दूसरों की सुरक्षा के प्रति जागरूक होना</li> <li>• पत्तियों से दवाई का उपयोग करने की जानकारी</li> <li>• सीखे हुए ज्ञान को परिवेश से जोड़ने की जागरूकता</li> </ul>

जनवरी	<ul style="list-style-type: none"> <li>16 रात भर चिंघाड़ते रहे (स्वाध्याय)</li> <li>17 पानी रे पानी छोटी सी हमारी नदी (कविता)</li> <li>जोड़ासाँको वाला घर (स्वाध्याय)</li> </ul>	<ul style="list-style-type: none"> <li>अनुस्वार – अनुनासिक</li> <li>अनेक शब्दों के लिए एक शब्द</li> <li>वचन</li> </ul>	<ul style="list-style-type: none"> <li>कागज़ से हाथी के मुखौटे बनाना</li> <li>जल ही जीवन है</li> <li>(अनुछेद लेखन नदी , तालाब , कुआँ , जल संरक्षण केंद्र का (विद्यालय की ओर से भ्रमण)</li> <li>कागज़ के गते से घर के नमूने बनाना</li> </ul>	<ul style="list-style-type: none"> <li>जल का महत्व तथा संरक्षण</li> <li>प्रकृति प्रेम एवं पर्यावरण संरक्षण</li> <li>जल के विभिन्न स्त्रतों को जानना</li> <li>घर के निर्माण कार्य के विषय में ज्ञान</li> </ul>	<ul style="list-style-type: none"> <li>जल स्त्रोतों का ज्ञान होना</li> <li>जल की उपयोगिता एवं महत्व की समझ</li> <li>नदियों के विषय में समझ</li> <li>हस्तकला का विकास</li> </ul>
फरवरी	<ul style="list-style-type: none"> <li>18 चुनौती हिमालय की (यात्रा वर्णन)</li> <li>हम क्या उगाते हैं (पुनरावृत्ति)</li> </ul>	<ul style="list-style-type: none"> <li>कारक</li> </ul>	<ul style="list-style-type: none"> <li>विभिन्न पर्वतारोहियों की सूची बनाना तथा चर्चा करना</li> <li>कागज़ या रूई से पर्वतो के नमूने बनान एवं नाम लिखना</li> <li>पेड़-पौधों को विद्यालय की वाटिका में लगाना</li> <li>पेड़-पौधों के चित्र बनाना एवं स्लोगन की रचना करना</li> </ul>	<ul style="list-style-type: none"> <li>पर्वत श्रंखलाओं के नाम व जानकारी</li> <li>राज्य व राजधानियों की जानकारी</li> <li>मुश्किलों का सामना करने की सीख</li> <li>पेड़-पौधों लगाने की रुची उत्पन्न होगी</li> </ul>	<ul style="list-style-type: none"> <li>दूसरों के साथ वार्तालाप तथा प्रतिक्रिया करने की योग्यता की समझ</li> <li>पर्यावरण के प्रति सजकता</li> <li>पेड़-पौधों के विषय में समझ</li> </ul>
मार्च	<ul style="list-style-type: none"> <li>वार्षिक परीक्षा</li> </ul>				



**NAVY CHILDREN SCHOOL, KARANJA**  
**SPLIT-UP SYLLABUS (2024-25)**

**Class-V**

**Subject-English**

MONTH	UNIT	MAIN COURSE BOOK	GRAMMAR	VOCABULARY	CREATIVE WRITTING	PROJECT/ACTIVITY
APRIL/MAY	UNIT 1	<p><u>Poem</u> Ice cream man</p> <p><u>LESSON</u> Wonderful waste</p>	<p>Nouns</p> <p>Verbs</p> <p>Words that can be used as noun and verb.</p>	<p>Terms related to Taste and food</p> <p>Synonyms of new words.</p>	Report writing Page No. 06	<p><b>Art Integration:</b> Draw a logo and prepare an advertisement for your own ice cream brand. Draw and colour your dream ice cream Page no. 08</p> <p><b>Class Discussion:</b> Traditional foods of different states of India.</p> <p><b>Art Integration:</b> Best Out of Waste.</p>
JUNE	UNIT 2	<p><u>LESSON</u> Flying together.</p>	<p>Prepositions</p> <p>Question words.</p>	<p>Let's write Page No.36.</p> <p>Types of plants found in a forest.</p>	Page No.40 Write a short paragraph on any one of the given proverbs.	<p>The clap word game Page No.40.</p> <p><b>Art integration:</b> Draw a flock of birds and write a slogan.</p> <p><b>Music Integration:</b> Listen to the sounds of birds and identify.</p>



JULY	UNIT 2	<u>POEM</u> Team work  <u>Poem</u> My shadow.  <u>LESSON</u> Robinson Crusoe discovers a foot print.	Contractions  Relative pronouns pg.46  Conjunctions pg.54,55.	Puzzle Page No.26  Let's create a pyramid Page No.56.	  <i>Picture composition</i> Page No.24  Page No.54( <i>story on strange foot prints</i> )	Word web- Find team members of the following: Cricket team, film making, School etc.  <b>Art Integration:</b> Draw a picture of any game and write about it in 5 sentences <b>Class discussion</b> on real life situation: What would you do if light go out.  <b>Class discussion:</b> Express your fear even unreasonable ones. <b>Art Integration:</b> Draw the footprint of your sibling and frame two questions on it.
AUGUST	UNIT 4	<u>POEM</u> Crying	Simple past	Word building Page No.61.  Feeling words Page No.62.	Creative writing Page No.62.	<b>Class Discussion:</b> Narrate/ write about an incident that you have experienced during the Covid 19 pandemic time. <b>Art Integration:</b> Draw pictures showing different emotions.

		<u>LESSON</u> My elder brother.	Use of " for and since"	Learn and write 10 past tenses from the lesson.	Informal letter Page No.73.	<b>Class Discussion:</b> Read and narrate a story written by Munshi Premchand.  <b>Art Integration:</b> Draw a caricature of Munna and write about him.
SEPTEMBER	UNIT 5	<u>POEM</u> The lazy frog.	Two-word adjectives	Synonyms Page No.87.	Creative writing Page No.92.	<b>Class Discussion:</b> Tell a story/incident to your friends about the importance of time. <b>Art Integration:</b> Make a paper frog.
		<u>LESSON</u> Rip van winkle.	Adverb of frequency.	Vocabulary building Page No.89  Silent letters Page No.90		<b>Class Discussion:</b> Read and narrate another story written by Washington Irving. <b>Art Integration:</b> Imagine and draw how would you look after 20 years.
OCTOBER	UNIT 6	<u>POEM</u> Class Discussion.  <u>LESSON</u> The Talkative barber.	Prefix	Word fun Page No.108	Notice writing Page No.99. and plan a Grandparents Day meet and write a notice on it.	<b>Class Discussion:</b> Describe the nature of your friend.  <b>Role Play:</b> Write your own script (team) and present a Role Play for the given story.

			More conjunctions	Fill in the grid Page No.98		<b>Art Integration:</b> Draw different faces of barber's brothers as explained by him.
NOVEMBER	Unit 7	<u>Poem</u> Topsy-Turvey Land  <u>Lesson</u> Gulliver's Travels	Similies  Degrees of Comparison  Punctuation	Words related to Voyage	Let's write Page No.114  Creative writing Page No.128	Let's find out Page No.128  <b>Class Debate:</b> Children suggestions should be considered in family decision. <b>Art Integration:</b> Draw/Paste pictures to create a Topsy- Turvey.  Punctuate the given passage correctly with correct punctuation marks.  <b>Toy Making:</b> Make a puppet of Gulliver with available materials at home. <b>Art Integration:</b> Draw a sea animal of your imagination.
DECEMBER	Unit 8	<u>Poem</u> Nobody's Friend	Contractions and full forms  Articles	'No Words' Words ending with -less Vocabulary Page No. 140	In a short paragraph write how you celebrated Friendship Day.	<b>Music Integration:</b> Enjoy and recite any poem on friendship.  <b>Class Discussion:</b> Write few sentences about incident where you/your friend have

		<u>Lesson</u> The Little Bully	Adverbs of manner			been bullied and how you overcame it.  <b>Art Integration:</b> Draw your own sea animal.  Make your own <b>Mini Encyclopaedia</b> about Sea Animals.
JANUARY	Unit 9	<u>Poem</u> Sing a song of people	Collective nouns	Words related to a city or village.	Write few lines about 'benefits of homemade food.	Fun time Page No.158  <b>Class Debate:</b> Where do you like to live in a city or a village?
FEBRUARY	Unit 10	<u>Poem</u> MaluBhalu  <u>Lesson</u> Who will be Ningthou? (Reading/ Role play)  REVISION	Interjections  Regular and irregular verbs	Words related to environment	Formal Letter writing	<b>Class Discussion:</b> Bond between a mother and children.  Project work Page No.176 <b>Subject Integrated:</b> <b>EVS:</b> Draw map of India and identify Manipur on the map.  Paste a picture of traditional Manipuri dress.
MARCH	<b>ANNUAL EXAMINATION</b>					

**NAVY CHILDREN SCHOOL, INS AGRANI, COIMBATORE**  
**Split Up Syllabus**

**AY- 2024-25**

**Class: V Subject: Mathematics**

**Number of Chapters : 14**

Month	Chapter name & no. of periods.	Competency	Learning Outcome	Suggested Activities	TLM	Assignments
April / May	<b>1. The Fish Tale (20 periods)</b>	<ul style="list-style-type: none"> <li>• <u>Concepts</u></li> <li>• Large numbers up to 10 crores.</li> <li>• Indian and international system of numeration.</li> <li>• Short form and Expanded form – Comparing Numbers.</li> <li>• Rounding numbers to the nearest 10,100 and 1000.</li> <li>• Unitary method (profit/loss, cost price/selling price).</li> <li>• Word problems on 4 operations.</li> <li>• Measurement- length, mass, speed, distance and time.</li> <li>• Loan, interest, savings, amount deposited, withdrawn in a bank.</li> </ul>	<ul style="list-style-type: none"> <li>• Use appropriate shapes to draw different sea animals.</li> <li>• Making Big numbers in Indian and International place value system.</li> <li>• Use appropriate measures (length, mass, etc.) to measure units.</li> <li>• Conversion of units.</li> <li>• Rounding numbers to the nearest 10, 100, 1000.</li> <li>• Solves word problems using the correct method.</li> </ul>	<ul style="list-style-type: none"> <li>• Make different types of fish that are available in the fish market near you.</li> <li>• Collection of pictures of different types of boats.</li> <li>• Find the speed and fare for one round trip.</li> <li>• Mock fish market showing buying and selling of fish and finding distance, speed, time taken by the boats to catch the fish.</li> <li>• Find out about the lifestyle of fishermen.</li> </ul>	<ul style="list-style-type: none"> <li>• Pictures of different types of boats.</li> <li>• Place value chart.</li> <li>• 50g/100g/500/1kg weights and weighing machine.</li> <li>• Measuring tape &amp; cylinder.</li> <li>• Display the different types of fish and boats in the class.</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet based on the 4 operations, unitary method, finding interest, loan etc. and conversion of unit.</li> </ul>
Month	Chapter name & no. of periods.	Competency	Learning Outcome	Suggested Activities	TLM	Assignments
	<b>2. Shapes and Angles (10 periods)</b>	<ul style="list-style-type: none"> <li>• <u>Concepts</u></li> <li>• Define geometry.</li> </ul>	<ul style="list-style-type: none"> <li>• Differentiate between open and closed shapes.</li> </ul>	<ul style="list-style-type: none"> <li>• Drawing of different open and closed shapes.</li> <li>• Make shapes using match sticks.</li> </ul>	<ul style="list-style-type: none"> <li>• Geometrical instruments like protractor,</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet based on construction of angles</li> </ul>

		<ul style="list-style-type: none"> <li>Point, line, line segment, ray, curved line etc.</li> <li>Open and closed curves made by line segments.</li> <li>Plane figures.</li> <li>Polygons.</li> <li>Finding angles through activity, yoga, body postures.</li> <li>Less than right angle (acute angle), right angle, more than right angle (obtuse angle).</li> <li>Finding angles in clock and things in the surroundings using degrees.</li> <li>Constructing angles by using D in the geometry box.</li> <li>Complementary and supplementary angles.</li> </ul>	<ul style="list-style-type: none"> <li>Understanding that polygon with same sides have different shapes because of different angles.</li> <li>Look for the different angles in and around classroom or home.</li> <li>Formation of angles by using different objects and gestures of body.</li> <li>Constructing angles using protractor.</li> </ul>	<ul style="list-style-type: none"> <li>Drawing and comparing different angles using line segment and rays.</li> <li>Make an angle tester using card board and drawing pin.</li> <li>On the square paper fold and show the right angle, less than right angle and more than a right angle.</li> <li>Write three names using straight lines and count the angles</li> <li>Make shapes using match sticks and rubber tubes, then show the change in angles.</li> <li>Angles made by clock and in names.</li> <li>Making a paper degree clock.</li> <li>Angles in a paper aeroplane.</li> </ul>	<p>scale and divider.</p> <ul style="list-style-type: none"> <li>Visuals of Yoga postures.</li> <li>Coloured paper.</li> <li>Clock and sticks.</li> <li>Things around us and their angles</li> </ul>	<p>and measuring angles using protractor.</p>
Month	Chapter	Competency	Learning Outcome	Suggested Activities	TLM	Assignments
	<b>3. How many squares? (12 periods)</b>	<ul style="list-style-type: none"> <li><u>Concepts</u></li> <li>Define perimeter and area.</li> <li>Find the area of regular shapes by counting squares and perimeter by measuring the boundary by counting sum of all</li> </ul>	<ul style="list-style-type: none"> <li>Student will develop a sense of the concept through suitable examples like stamps, leaves, footprints, walls of the class room, etc and find its area.</li> <li>Identify the correct method to find the</li> </ul>	<ul style="list-style-type: none"> <li>Drawing shapes for the given number of squares on a graph paper / square grid.</li> <li>Finding the area and perimeter of Stamps, Math textbook, pencil box, etc. on a square grid.</li> <li>Measuring the perimeter of irregular shapes using thread.</li> </ul>	<ul style="list-style-type: none"> <li>Graph paper / square grid.</li> <li>Objects from classroom environment.</li> <li>Thread and scale.</li> <li>Visuals of patterns.</li> </ul>	<ul style="list-style-type: none"> <li>Worksheet based on finding the area and perimeter of regular shapes only by counting squares.</li> <li>Worksheet based on</li> </ul>

<p><b>June/ July</b></p>		<p>the sides not by using formula.</p> <ul style="list-style-type: none"> <li>• Drawing different shapes having same area.</li> <li>• Find the area and perimeter of square, rectangle and triangle.</li> <li>• Finding perimeter of irregular shapes by using thread.</li> <li>• Finding area of irregular shapes by making squares and rectangles.</li> <li>• Creating floor patterns and making patterns on tiles.</li> </ul>	<p>area of regular and irregular shapes.</p> <ul style="list-style-type: none"> <li>• Draw many shapes using straight and curved edges on square paper for the given area and find the perimeter using scale or thread.</li> <li>• Create new shapes out of a square tile.</li> <li>• Figures having same area will have different perimeters.</li> </ul>	<ul style="list-style-type: none"> <li>• Finding the area of a triangle using square grid making them to squares and rectangles.</li> <li>• Drawing of different shapes having same area on the graph sheet.</li> <li>• Creating new shapes out of square tile to make their floor patterns using chart paper.</li> <li>• Completing tiling patterns</li> <li>• Puzzles with five squares (12 different shapes). Find the perimeter of each and compare them.</li> <li>• Arrange the 12 pieces in a 10x6 rectangle.</li> <li>• Make your own tile pattern.</li> </ul>	<ul style="list-style-type: none"> <li>• Area (unit squares) by folding papers</li> </ul>	<p>finding the area of irregular shapes.</p>
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**• Term -1 Assessment-1**

<p><b>July</b></p>	<p><b>4. Parts and Wholes (20 periods)</b></p>	<ul style="list-style-type: none"> <li>• <u>Concepts</u></li> <li>• Mental ability</li> <li>• Define fraction.</li> <li>• Shade and name the given fraction.</li> <li>• Equivalent fraction.</li> <li>• Like and unlike fraction. Proper, improper or mixed fraction.</li> <li>• Addition, subtraction of like fraction.</li> <li>• Addition and subtraction of unlike fraction through equivalent fraction method.</li> </ul>	<ul style="list-style-type: none"> <li>• Understanding equivalent fractions by drawing different flags and by cutting halva.</li> <li>• Explain like / unlike fractions, unit fractions, proper / improper fractions or mixed fractions.</li> <li>• Converting improper fractions into mixed numbers and vice versa.</li> <li>• Illustrate through examples fractions in our daily life.</li> </ul>	<ul style="list-style-type: none"> <li>• Draw our national flag and write fraction for the different colours.</li> <li>• Draw different flags and write fraction for the different colours.</li> <li>• Generation of fractions equivalent to a given fractions <ul style="list-style-type: none"> <li>○ Make a magic top.</li> <li>○ Colour square grid/ make design and write fraction.</li> <li>○ Divide the given shapes in equal parts.</li> <li>○ Paper folding activity to show</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Cutouts of different shapes.</li> <li>• Coloured paper.</li> <li>• Fraction kit (math lab).</li> <li>• Squared paper.</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheets based on finding equivalent fractions and conversion of improper fractions into mixed numbers and vice versa.</li> </ul>
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		<ul style="list-style-type: none"> <li>• Multiplication of fractional numbers.</li> <li>• Division of fractional numbers.</li> <li>• Reciprocal.</li> <li>• 4 operations on number line.</li> <li>• Word Problems involving fractions in daily life activities.</li> </ul>	<ul style="list-style-type: none"> <li>• Use correct method to solve 4 operations of fractional numbers.</li> </ul>	<p>equivalent fractions.</p> <ul style="list-style-type: none"> <li>• Conversion of improper fractions into mixed numbers using <ul style="list-style-type: none"> <li>○ Games and puzzles</li> <li>○ Quiz</li> <li>○ Preparing vegetable or grocery bills</li> </ul> </li> </ul>		
Month	Chapter	Competency	Learning Outcome	Suggested Activities	TLM	Assignments
August	<p><b>5. Does it look the same? (8 periods)</b></p> <p><b>Good to teach (only activities)</b></p>	<p><u>Activity based</u></p> <ul style="list-style-type: none"> <li>• Make patterns on paper by folding it and show the line of symmetry.</li> <li>• Finding symmetrical and asymmetrical figures from the given figures or objects / pictures of clock / other diagrams.</li> <li>• Mirror image or reflection symmetry.</li> <li>• Turning shapes, numbers, alphabet by <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{6}</math> rotation.</li> </ul>	<ul style="list-style-type: none"> <li>• Making a pattern on drop of colours.</li> <li>• Understand shapes can be obtained by putting the mirror on different places on figures.</li> <li>• Differentiate between symmetrical and asymmetrical shapes.</li> <li>• Observe and draw different shapes on rotating <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{6}</math> turn etc..</li> </ul>	<ul style="list-style-type: none"> <li>• Making a pattern from a drop of a colour.</li> <li>• Mirror game of figures and drawings.</li> <li>• Activity on drawing and observing different shapes on rotating <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{6}</math>, etc..</li> <li>• Make a toy windmill.</li> </ul>	<ul style="list-style-type: none"> <li>• Mirror</li> <li>• Flash cards of number / geometrical patterns / alphabets.</li> <li>• Paper, pin and stick.</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheets based on symmetrical and asymmetrical objects, patterns and rotations.</li> </ul>
	<p><b>6. Be my multiple, I'll be your factor (18 periods)</b></p>	<ul style="list-style-type: none"> <li>• <u>Concepts</u></li> <li>• Define multiples.</li> <li>• Listing the multiples. Find common multiples.</li> <li>• Define factors.</li> </ul>	<ul style="list-style-type: none"> <li>• Understanding the concept of multiples by playing games.</li> <li>• Write multiples of given numbers and also find common multiple and LCM.</li> </ul>	<ul style="list-style-type: none"> <li>• Use 10x10 grid to colour odd and even numbers in different colours, to find the odd and even multiples.</li> <li>• Play meow and dice game to give the concept of multiple.</li> </ul>	<ul style="list-style-type: none"> <li>• 10x10 grid</li> <li>• Bangles, dice, beads, colour pencils, tamarind seeds etc..</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheets based on finding multiples and factors of a number, LCM, HCF and prime</li> </ul>



<b>August</b>		<ul style="list-style-type: none"> <li>• Listing the factors. Find common factors.</li> <li>• Tests of Divisibility (2 to 12).</li> <li>• Prime and composite numbers.</li> <li>• Prime factorization: factor tree method, short division method. <u>LCM</u> 1.listing multiples, 2. Prime factorization, 3. Common division method. <u>HCF</u> 1.listing factors, 2 prime factorization, 3. Common and long division method. Relationship between HCF and LCM.</li> </ul>	<ul style="list-style-type: none"> <li>• Find LCM by prime factorization method.</li> <li>• Arranging the group of different things with a fixed number in different ways to understand the concept of factor.</li> <li>• List the factors of given numbers and also find common factors and HCF.</li> <li>• Find HCF by prime factorization method.</li> <li>• Learn to make factor tree of a given number by prime factorization method.</li> <li>• Solve word problems related to daily life situations.</li> </ul>	<ul style="list-style-type: none"> <li>• On a 1 to 100 grid colour multiples of 2, 3, 5, 7 in different colours except 2, 3, 5, 7 to find prime and composite numbers.</li> <li>• Find LCM using 1 to 100 grid by colouring the multiples of given numbers and find the common multiples and Least Common Multiple (LCM).</li> <li>• Complete the multiplication chart and find common factors and Highest common factor (HCF).</li> <li>• Tamarind seeds(puzzle)</li> <li>• Arranging bangles in different groups for the same number.</li> <li>• Finding HCF and LCM using Cuisenaire strips.</li> <li>• Tiling problems.</li> </ul>	<ul style="list-style-type: none"> <li>• Cuisenaire strips (math lab).</li> </ul>	<p>factorization using factor tree method, short division method, common division and long division method.</p>
<b>Month</b>	<b>Chapter</b>	<b>Competency</b>	<b>Learning Outcome</b>	<b>Suggested Activities</b>	<b>TLM</b>	<b>Assignments</b>
	<p><b>6. Be my multiple I'll be your factor (cont..)</b></p> <p><b>7. Can you see the pattern?</b></p> <p><b>(10 periods)</b></p>	<p><u>Activity based</u></p> <ul style="list-style-type: none"> <li>• Mental ability</li> <li>• Types of patterns.</li> <li>• Sequence and series in patterns.</li> </ul>	<ul style="list-style-type: none"> <li>• Learn to observe the patterns on gift wrappers / cloths and deduce the rules.</li> <li>• Making patterns in cloth or paper</li> </ul>	<ul style="list-style-type: none"> <li>• Make a vegetable block and using colours print on paper / cloth taking <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math> turns (clockwise / anticlockwise).</li> <li>• Observe the patterns and complete the patterns</li> </ul>	<ul style="list-style-type: none"> <li>• Samples of patterns.</li> <li>• Magic square / triangle.</li> <li>• Printing blocks.</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet on patterns using rules.</li> <li>• Turning patterns of objects or</li> </ul>

September		<ul style="list-style-type: none"> <li>• Turns, angles and direction in patterns.</li> <li>• Magic square.</li> <li>• Magic hexagon.</li> <li>• Palindromes.</li> <li>• Calendar magic.</li> <li>• Number patterns.</li> <li>• Secret numbers.</li> <li>• Number surprises.</li> </ul>	<p>taking <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>, <math>\frac{1}{6}</math> and <math>\frac{3}{4}</math> turns.</p> <ul style="list-style-type: none"> <li>• Observe the patterns and complete the patterns using the rule.</li> <li>• Explain clockwise or anti clockwise rotation.</li> <li>• Relate angles in the turns.</li> </ul>	<p>using the rule. Making their own magic square, magic hexagon, palindromes, and calendar magic.</p>	<ul style="list-style-type: none"> <li>• Patterns of angles</li> </ul>	<p>letters and numbers.</p>
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**Term 1 Assessment-2**

**TERM 2**

Month	Chapter	Competency	Learning Outcome	Suggested Activities	TLM	Assignments
October	<b>8. Mapping your way(10 periods)</b>	<p><u>Concepts.</u></p> <ul style="list-style-type: none"> <li>• Finding the location, places using maps.</li> <li>• Views, route, directions.</li> <li>• Find distance on map by reading scale and convert distance on ground.</li> <li>• Distance on map is same as distance on ground by converting using scale.</li> <li>• Find the distance between states and sea.</li> <li>• Make the area bigger and smaller using square sheet of <math>\frac{1}{2}</math> cm, 1 cm, 2 cm.</li> </ul>	<ul style="list-style-type: none"> <li>• Learn to read the map and trace the route.</li> <li>• Learn to mark the route and find out the distance using map.</li> </ul>	<ul style="list-style-type: none"> <li>• Finding the location of Agra and Delhi in the map of India.</li> <li>• Trace the routes using map towards north, east, west, south, etc..</li> <li>• Enlarging or reducing pictures or maps, can be done in</li> <li>• Finding the distance between cities with the help of map/Atlas.</li> </ul>	<ul style="list-style-type: none"> <li>• Map of India</li> <li>• Map of world</li> <li>• Compass needle.</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet based on Maps.</li> </ul>

		If the sides of the square get increased by 2 times the area will get increased by four times.				
Month	Chapter	Competency	Learning Outcome	Suggested Activities	TLM	Assignments
November	<b>9. Boxes and sketches(10 periods)</b>	<u>Concepts.</u> <ul style="list-style-type: none"> <li>• Solid shapes (3 Dimensional shape).</li> <li>• Closed box (cube) can be made using hexominoes(6faces squares).</li> <li>• Open box can be made using pentominoes(5 faces)squares.</li> <li>• Match the solid shape with the correct net.</li> <li>• Deep drawings of floor map.</li> <li>• Visualize the net of box, to think of how it looks when flattened and check which nets do not make a box.</li> <li>• How to draw a cube and cuboid and count the number of cubes.</li> </ul>	<ul style="list-style-type: none"> <li>• Learn to count faces, edges and corners of a cube or cuboid.</li> <li>• Find the area of each face of the cube or cuboid.</li> <li>• Making a list of things which looks like a cube or cuboid in their surroundings.</li> <li>• Visualization of 3-dimensional shapes and how they can be represented on paper (2-dimensions).</li> </ul>	<ul style="list-style-type: none"> <li>• Making the nets of a cube and an open box and check which net does not make cube / open box.</li> <li>• Making cubes, cuboids, etc using nets, empty match boxes and thick papers.</li> <li>• Making deep drawing of a house and a cube.</li> <li>• Drawing front view, side view and top view of given models, objects, etc..</li> </ul>	<ul style="list-style-type: none"> <li>• Dice</li> <li>• Model of a cube / cuboid.</li> <li>• Cartons/ boxes / match boxes.</li> <li>• Nets (math lab)</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheets based on finding the nets of a cube or a cuboid, drawing front, side and top view of the given models.</li> </ul>
	<b>10. Tenths and Hundredths (18 periods)</b>	<u>Concepts.</u> <ul style="list-style-type: none"> <li>• Decimal place value chart.</li> </ul>	<ul style="list-style-type: none"> <li>• Learn to measure different objects using scale.</li> </ul>	<ul style="list-style-type: none"> <li>• Measure the length of different things in mm and cm like notebook, pencil, eraser, etc</li> </ul>	<ul style="list-style-type: none"> <li>• Decimal place value chart.</li> <li>• Scale / Measuring tape.</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet based on measurement of length in cm and mm.</li> </ul>

November		<ul style="list-style-type: none"> <li>Relationship between decimals and fractions.</li> <li>Conversion of fraction into decimal number and vice versa.</li> <li>Expanded form and short form of decimal numbers.</li> <li>Comparing decimal numbers.</li> <li>Addition, subtraction of decimals.</li> <li>Multiplication and division of decimal numbers by 10,100 and 1000.</li> <li>Multiply and divide the decimal numbers by changing the decimal into fraction and divide by long division.</li> <li>Conversion of cm to mm and vice versa.</li> </ul>	<ul style="list-style-type: none"> <li>Learn to convert mm to cm and vice versa.</li> <li>Understand the relationship between decimals and fractions.</li> <li>Observe the decimal notation of rupees and paisa and understanding tenths and hundredths place in decimal place value system.</li> </ul>	<ul style="list-style-type: none"> <li>Guess the length and width of Indian rupee notes and measure the actual length.</li> <li>Solve the four operations using decimal kit.</li> <li>Find the value of other country currency in Indian currency.</li> <li>Find the maximum and minimum temperatures of different cities and find differences too.</li> </ul>	<ul style="list-style-type: none"> <li>Price tags.</li> <li>Decimal kit (math lab)</li> </ul>	<ul style="list-style-type: none"> <li>Worksheet based on decimals.</li> </ul>
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**Term 2 Assessment-3**

Month	Chapter	Competency	Learning Outcome	Suggested Activities	TLM	Assignments
	<b>11. Area and its Boundary (14 periods)</b>	<u>Mental ability.</u> <ul style="list-style-type: none"> <li>Finding area and perimeter of given figures using formula.</li> <li>Find the missing side, length and breadth.</li> <li>Word problems.</li> </ul>	<ul style="list-style-type: none"> <li>Finding the area and perimeter of class-room, display board, black board, etc.</li> <li>Find the area and perimeter of a given square and rectangle.</li> </ul>	<ul style="list-style-type: none"> <li>Measure the length and breadth of the given things and find their area and perimeter.</li> <li>Paste different cutouts and find their area and perimeter.</li> </ul>	<ul style="list-style-type: none"> <li>Scale / Measuring tape.</li> <li>Cutouts of different shapes.</li> <li>Metre tape (math lab).</li> </ul>	<ul style="list-style-type: none"> <li>Worksheet on finding area and perimeter of given shapes.</li> </ul>

<b>December</b>		<ul style="list-style-type: none"> <li>Application through activity.</li> <li>If the side of 1 square is 1cm and the sides getting double the side of given square then each side is 2 cm. Now the area is 4 times and the perimeter got increased by two times by drawing squares on the note.</li> <li>Finding perimeter and area of irregular shapes.</li> </ul>	<ul style="list-style-type: none"> <li>Problem solving related to area and perimeter of square and rectangle.</li> </ul>	<ul style="list-style-type: none"> <li>Make a birthday or greeting cards and find its area and perimeter.</li> <li>Draw two squares (one is double of the other). Find their area and perimeter and compare it too.</li> <li>Make all possible rectangles and squares with the given number of squares.</li> <li>Area of the classroom.</li> <li>Longest belt using post card.</li> <li>Thread play.</li> </ul>		
<b>Month</b>	<b>Chapter</b>	<b>Competency</b>	<b>Learning Outcome</b>	<b>Suggested Activities</b>	<b>TLM</b>	<b>Assignments</b>
<b>January</b>	<b>12. Smart Charts (8 periods)</b>	<u>Mental ability.</u> <ul style="list-style-type: none"> <li>Define data collection.</li> <li>Tally marks.</li> <li>Chapatti chart.</li> <li>Bar graph.</li> <li>Family tree.</li> <li>Growth chart.</li> </ul>	<ul style="list-style-type: none"> <li>Understand the recording of data using the method of tally marks.</li> <li>Use appropriate chart types for a particular data.</li> <li>Differentiate between chart types like Bar, pie chart, etc.</li> </ul>	<ul style="list-style-type: none"> <li>Use of tally marks for different numbers.</li> <li>Observe the ½ an hour program and making tally marks for the different ads.</li> <li>Making a table to record temperature of different cities and represent the data as Bar Graph.</li> <li>Make your family tree up to 4<sup>th</sup> generation.</li> <li>Record the growth of any plant / animal and represent it on a graph paper in form of a growth chart.</li> </ul>	<ul style="list-style-type: none"> <li>Data collection.</li> <li>Newspaper to collect economic data survey analysis.</li> <li>Family details.</li> </ul>	<ul style="list-style-type: none"> <li>Worksheets based on handling of different types of charts and answer the questions.</li> </ul>

January	<b>13. Ways to multiply and divide (14 periods)</b>	<u>Concepts.</u> <ul style="list-style-type: none"> <li>• Multiplication by splitting and column method.</li> <li>• Division by splitting and long division method.</li> <li>• Do sums of division and check the result by multiplication.</li> <li>• Word problems based on day to day life.</li> </ul>	<ul style="list-style-type: none"> <li>• Multiplying numbers in two different ways by splitting method and column method.</li> <li>• Problem sums related to daily life.</li> <li>• Divide and check the answer by multiplication.</li> </ul>	<ul style="list-style-type: none"> <li>• Determine the multiplication and division facts of a number.</li> <li>• Fun with multiplication.</li> <li>• Give a situation and ask students to frame a question related to concept of division and multiplication.</li> <li>• Mock shopping situations created (for mental calculations).</li> <li>• Solve multiplication and division sums using base ten set.</li> </ul>	<ul style="list-style-type: none"> <li>• Objects like erasers, pencils, sharpeners, etc. available in the classroom environment.</li> <li>• Base ten set (math lab).</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet based on multiplication and division including word problems.</li> </ul>
Month	Chapter	Competency	Learning Outcome	Suggested Activities	TLM	Assignments
February	<b>14. How Big? How Heavy? (14 periods)</b>	<u>Concepts.</u> <ul style="list-style-type: none"> <li>• Solid shapes and their nets.</li> <li>• Find the volume of different objects by filling sand or water.</li> <li>• Find the volume of cube and cuboid.</li> <li>• Application through activity and observe circle has the biggest area in this children will observe which solid shape has the biggest volume.</li> <li>• Measuring weight.</li> <li>• Word problems.</li> </ul>	<ul style="list-style-type: none"> <li>• Comparing the volume of different things by putting them into jar filled with water.</li> <li>• Making a measuring bottle of different measures of capacity.</li> <li>• Finding the volume by arranging the cubes and counting them.</li> <li>• Finding the volume of cube and cuboid.</li> </ul>	<ul style="list-style-type: none"> <li>• Making a paper cube.</li> <li>• Match box play – arrange a particular number of boxes to make platform of different heights.</li> <li>• Take 4 cards of the same size make pipes (i) length wise (ii) width wise (iii) triangle shaped pipes (iv) square shaped pipes. Fill one with sand and pour it into another.</li> <li>• Finding volume of a match box by measuring its length, width and height</li> <li>• Make a list of food items each person carry when they plan a trip for one month and find total weight.</li> </ul>	<ul style="list-style-type: none"> <li>• Cubes.</li> <li>• Cards of same size.</li> <li>• Sand.</li> <li>• Jar of water.</li> </ul>	<ul style="list-style-type: none"> <li>• Worksheet based on finding volume of cube and cuboid.</li> </ul>
March	Revision					

<b>TERM</b>	<b>S. No.</b>	<b>Month</b>	<b>Name of the Chapter</b>
<b>I</b>	1	April	THE FISH TALE
	2	May/June	SHAPES AND ANGLES
	3	July	HOW MANY SQUARES?
	4	July	PARTS AND WHOLES
	5	August	DOES IT LOOK THE SAME?
	6	August	BE MY MULTIPLE, I'LL BE YOUR FACTOR
	7	September	CAN YOU SEE THE PATTERN?
<b>II</b>	8	October	MAPPING YOUR WAY
	9	November	BOXES AND SKETCHES
	10	November	TENTHS AND HUNDREDTHS
	11	December	AREA AND ITS BOUNDARY
	12	January	SMART CHARTS
	13	February	WAYS TO MULTIPLY AND DIVIDE
	14	February	HOW BIG? HOW HEAVY?

**NAVY CHILDREN SCHOOL, PORT BLAIR**  
**SPLIT UP SYLLABUS 2024-2025**  
**CLASS – V**  
**EVS**

S.NO	MONTH	NAME OF THE CHAPTER	NO. OF TEACHING PERIODS	CONCEPTS TO BE TAUGHT	LEARNING OUTCOMES	SUGGESTED ACTIVITY
1.	APRIL	<b>1.SuperSenses</b>	08	1. Recapitulate five human senses. 2. Strong super sense of animals. 3. Different modes of communications in animals. 4. Pleasant and unpleasant smell. 5. Camouflage and hibernation in animals. 6. Protection of natural environment. 7. Awareness about PETA act.	1. To learn about five senses of humans. 2. To gain knowledge on strong super sense of animals (smell). 3. To identify sense of sight and different modes of communication in animals. 4. To differentiate pleasant and unpleasant smell. 5. To understand about camouflage and hibernation in animals. 6. To generate awareness about protection of natural environment.	1. Prepare an album of five animals and add a note on their super senses & their functions. 2. Make a clay model of animal's sensory organ, such as an enlarged eye, nose, ear, teeth etc. 3. Observe the pictures given in the textbook and write for how many hours a day these animals sleep. 4. Mapwork- National Park and their locations.



		<p><b>2. A Snake Charmer's story (EE Lesson)</b></p>	04	<p>1.Culture, tradition and lifestyle of snake charmers.</p> <p>2.Different types of poisonous and non-poisonous snakes.</p> <p>3. Snake rangoli-Naag Ghumpha.</p> <p>4. Discussion on various uses of animals and festivals associated with animals celebrated in India</p> <p>5.Awareness about animal cruelty and steps taken to prevent such acts.</p>	<p>1.To know culture, tradition and lifestyle of snake charmers.</p> <p>2.To understand how snake charmers helped people.</p> <p>3.To understand snakes are friends of farmers.</p> <p>4.Learn about fangs, ducts, etc.</p> <p>5.To know about the snake rangoli – NAAG GHUMPHA.</p> <p>6.To become sensitive about act of cruelty and discussion on laws for protection of animals.</p> <p>7.To learn about animal products used by us.</p> <p>8.To identify the musical instruments used in the been party.</p> <p>9.To identify poisonous snakes and non-poisonous snakes.</p>	<p>1.Collect pictures of 2 poisonous and 2 non-poisonous snakes of India and write few lines on them.</p> <p>2. Make designs of NaagGhumphanrangoli.</p> <p>3. Make a list of Musical instruments used in been party.</p> <p>4. Draw Snake fangs, ducts.</p> <p>5.Make a note on the first aid to be given at the time of a snake bite.</p>

		<b>3. From Tasting to Digesting</b>	<b>08</b>	<p>1. Different parts of tongue and taste buds.</p> <p>2. Role of saliva in digestion process.</p> <p>3. Parts of digestive system.</p> <p>4. Importance of water in human body.</p> <p>5. Food Pyramid and various food components (protein, carbohydrate, fat, vitamins &amp; minerals and roughage)</p> <p>6. Benefits and requirements of Balanced Diet</p> <p>7. Difference between proper food and improper food.</p>	<p>1. To identify the food items by their taste and smell.</p> <p>2. To gain knowledge about tongue and location of different taste buds on it.</p> <p>3. To understand that digestion of food starts with chewing in mouth.</p> <p>4. To learn about chewing and the role of Saliva.</p> <p>5. To identify the organs of digestive system and learn their names.</p> <p>6. To know the importance of water in our body and how ORS helps in maintaining water during dehydration.</p> <p>7. To understand how glucose gives energy instantly.</p> <p>8. To know the difference between proper (healthy) food and junk food.</p>	<p>1. Draw the diagram and label the taste areas of the tongue.</p> <p>2. Label the parts of the digestive system in a picture.</p> <p>3. Chart of balanced diet and Food pyramid.</p> <p>4. Preparation of ORS solution in the class using kitchen ingredients.</p>
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2	June	<b>4. Mangoes round the year</b>	08	<p>1. Food spoilage and ways to prevent spoilage of food.</p> <p>2. Mangoes-ripe and unripe and products prepared from mangoes.</p> <p>3. Food preservation.</p> <p>4. Information printed on food products like-expiry, weight, date of packing.</p>	<p>1. To learn difference between Food spoilage and wastage of food.</p> <p>2. To learn about various ways to prevent spoilage of food.</p> <p>3. To know about Mamidi tandra.</p> <p>4. To know about preservation of food items for longer span.</p> <p>5. Introducing the concept of Milk Pasteurisation.</p>	<p>1. Experiment on food spoilage using bread/roti and recording the changes.</p> <p>2. Collect wrappers of various food items and observe the details of manufacturing date, expiry date, ingredients, nutrition value, weight, etc.</p> <p>3. Flow Chart to prepare aampapad.</p> <p>4. Make a list of things made from ripe and unripe mangoes.</p>
3	JULY	<b>5. Seeds and Seeds</b>	08	<p>1. Seed germination and Stages of seed germination.</p> <p>2. Parts of seed.</p> <p>3. Different types of seeds (monocot and dicot).</p> <p>4. Uses of seeds</p> <p>5. Various agents and methods of dispersal of seeds.</p>	<p>1. To learn about seed germination and different types of seeds.</p> <p>2. To know about the number of seeds in fruits and parts of seed.</p> <p>3. To know that some plants grow without seeds.</p> <p>4. To learn about uses of seeds and their dispersal.</p>	<p>1. Experiment on Beans seed showing various stages of germination.</p> <p>2. Draw various stages of seed germination.</p> <p>3. Draw fruits with (a) one seed (b) few seeds (c) many seed.</p> <p>4. Group activity: Bring and display different types of seeds that are dispersed by different</p>

				<p>6. Insectivorous plants.</p> <p>7. Some plants that grow without seeds</p>	<p>5. To understand about insectivorous plants.</p>	<p>agents (like water, air, animals etc.)</p> <p>5. Collect various types of seeds and stick on activity sheet.</p>
		<p><b>6. Every drop count (E.E Lesson)</b></p>	<p>06</p>	<p>1. Importance of Rain water.</p> <p>2. Traditional ways of conservation of water.</p> <p>3. Places in India facing water scarcity issues.</p> <p>4. Old and new water storage techniques.</p> <p>5. Role of municipality and Jal board Nigam.</p> <p>6. Groups working for water arrangement.</p>	<p>1. To know importance of rain water.</p> <p>2. To know water storing ways of ancient and modern time.</p> <p>3. To understand water bill and working of jal board.</p> <p>4. To think upon water problem resolving issues.</p>	<p>1. List natural water resources during old age and modern age.</p> <p>2. Discussion on a sample water bill and working of Jal board.</p> <p>3. Make a poster on "Save Water"</p> <p>4. Make a list of the Customs and festivals related to water.</p>
<p><b>TERM I ASSESSMENT 1</b></p>						
				<p>1. Objects which float and sink in water.</p> <p>2. Concept of Solute, Solvent and Solution.</p>	<p>1. Observe that a few things float and few things sink in water.</p> <p>2. Learn about Solute,</p>	<p>1. Classification of things to see which float, which sink and which mix with water.</p>

4	AUGUST	<p style="text-align: center;"><b>7. Experiments with water</b></p>	07	<p>3. Buoyant force and density (concept to be introduced through activity without using the term).</p> <p>4. Concept of Water as a “Universal Solvent”.</p> <p>5. Evaporation.</p> <p>6. States of Water.</p> <p>7. Basic concepts about liquids and litre as unit of measurement of volume.</p> <p>8. Interesting facts about <b>Dead Sea</b></p>	<p>Solvent and solution.</p> <p>3. Know about buoyant force and gravitational force.</p> <p>4. Know that Water is a “Universal Solvent”.</p> <p>5. Understand about Evaporation and 3 forms of water.</p>	<p>2. Experiment on Racing drops.</p> <p>3. Making NimbuPaani with water.</p> <p>4. Experiment to observe three forms of water.</p> <p>5. Discussion on ‘DandiYatra’ by showing a video clip.</p> <p>6. Paste pictures of objects we obtain from sea.</p>
		<p style="text-align: center;"><b>8. A Treat for Mosquitoes</b></p>	07	<p>1. Concept of Anaemia.</p> <p>2. Reading a blood report.</p> <p>3. Malaria disease.</p> <p>4. Discovery of Sir Ronald Ross.</p> <p>5. Prevention measures from mosquito.</p> <p>6. Balanced diet.</p> <p>7. Diseases caused by flies.</p>	<p>1. Learn about Anaemia.</p> <p>2. Students able to read and understand a blood report.</p> <p>2. Students able to observe and identify the symptoms of Malaria.</p> <p>3. Understand the valuable discovery of Sir Ronald Ross.</p> <p>4. Learn about prevention measures</p>	<p>1. Street Play on creating awareness about malaria.</p> <p>2. Draw life cycle of mosquito.</p> <p>3. Discussion on a sample blood report.</p> <p>4. Observe any nearby breeding pond, river and noting the observations.</p> <p>5. Class activity on iron rich food (ask children to</p>

				8. Investigation and pathological report.	<p>from mosquito.</p> <p>5. Understand the importance of Balanced/Healthy diet.</p> <p>6. Know about the diseases caused by flies.</p>	<p>bring iron rich food in their lunch box).</p> <p>6. Visit to pathological department of nearby hospital</p>
		<b>9. Up you Go! (EE Lesson)</b>	05	<p>1. Adventurous and Challenging sides to climb a mountain.</p> <p>2. Responsibilities as a Leader.</p> <p>3. Mountaineering equipment.</p> <p>4. Snow camps.</p> <p>5. Difficulties faced during climbing high altitude.</p> <p>6. Snow storm and avalanche</p>	<p>1. To Know and understand that mountain climbing is adventure as well as a challenge.</p> <p>2. To learn about responsibilities of a leader during mountain climbing.</p> <p>3. To identify various mountaineering equipment required.</p> <p>4. To know about camps in the snow.</p> <p>5. To appreciate and respect other languages.</p> <p>6. Trees and animals found in mountains.</p>	<p>1. Collect and discuss stories of real life experiences of some known mountaineers.</p> <p>2. Draw pictures of mountaineering equipment.</p> <p>3. Discussion on adventurous and challenging sides of mountain climbing.</p> <p>4. List out the languages spoken by your friends and classmates.</p> <p>5. Draw or paste pictures of trees and animals found in mountainous regions.</p>

	<p>SEPTEMBER</p>	<p><b>10. Walls Tells Stories (EE Lesson)</b></p>	<p>08</p>	<ol style="list-style-type: none"> <li>1. Importance of historical monuments and heritage building.</li> <li>2. History of Golconda Fort.</li> <li>3. Love and respect for India's rich cultural heritage.</li> <li>4. Importance of maps.</li> <li>5. Importance of museums.</li> <li>6. Different types of metals used in ancient times.</li> <li>7. Idea about war and destruction and importance of peace.</li> <li>8. Bond between past and present heritage.</li> </ol>	<ol style="list-style-type: none"> <li>1. To understand historical importance of different monuments.</li> <li>2. To learn about history and construction of Golconda fort.</li> <li>3. To develop love and respect for India's cultural heritage.</li> <li>4. To understand the importance of maps and know about the four cardinal directions.</li> <li>5. To understand the importance of museums.</li> <li>6. To identify different types of metals on the basis of their colour.</li> </ol>	<ol style="list-style-type: none"> <li>1. Mark 5 monuments in 5 different states of India.</li> <li>2. A virtual tour of Golconda fort using video link.</li> <li>3. Create a classroom museum using antique things available at home</li> <li>4. Identify directions on the basis of Sunrise and Sunset and draw four cardinal directions.</li> <li>5. Collect antique objects and identify their metal type.</li> </ol>
		<p><b>11. Sunita in Space</b></p>	<p>10</p>	<ol style="list-style-type: none"> <li>1. Concept of Day and Night sky.</li> <li>2. Introduce concepts like space, Gravitational force, International Boundaries.</li> </ol>	<ol style="list-style-type: none"> <li>1. To learn about night sky and different phases of moon.</li> <li>2. To know about shape of Earth and gravitation.</li> </ol>	<ol style="list-style-type: none"> <li>1. Observe night sky and discuss the things observed.</li> <li>2. Observing locations of different places on the globe.</li> </ol>

				<p>3. Globe ,Latitude, longitude and equator lines</p> <p>4. Different phases of moon.</p> <p>5. Shape of Earth.</p> <p>6. Concept of Spaceship.</p> <p>7. Sunita Williams space experience.</p> <p>8. Natural and manmade satellites.</p> <p>9. Uses of satellites.</p>	<p>3. To understand about Space ship.</p> <p>4. To know about Sunita Williams and her experience in space.</p> <p>5. To learn about natural and manmade satellites.</p> <p>6. To understand the uses of satellites in our daily life.</p> <p>7.Introducing the concept of lines on the globe.</p>	<p>3. Draw and label various phases of moon.</p> <p>4. Observe what happens on dropping various objects at the same time.</p> <p>5. Collect pictures of Spaceship and paste in activity book.</p> <p>6. Enact imagining class is a spaceship.</p> <p>7. Map pointing – mark the neighbouring countries of India</p>
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### TERM IASSESSMENT 2

6	OCTOBER	<b>12. What if it Finishes?</b>	12	<p>1. Various types of roads and road safety rules.</p> <p>2. Pollution(air, noise and water).</p> <p>3. ILL effects of smoke.</p> <p>4. Process of formation of coal and petroleum 4. Minerals mined from deep inside of the Earth.</p> <p>5. Renewable and Non-</p>	<p>1. To classify various types of roads and to know road safety rules.</p> <p>2. To understand about noise pollution and ill effects of smoke.</p> <p>3. To learn about various minerals mined from deep inside the earth.</p> <p>4. To differentiate</p>	<p>1. List down road safety rules.</p> <p>2. Visit to petrol pump and make a report</p> <p>3. List possible ways to reduce the number of vehicles on the road.</p> <p>4. Map work- Mark the states having oil fields.</p> <p>5. Findprice of</p>
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				<p>renewable resources.</p> <p>6. Urban and rural cooking ways.</p> <p>7. Concept of fuel prices.</p>	<p>between renewable and non-renewable resources.</p> <p>5. To learn about urban and rural cooking ways.</p> <p>6. To understand about fluctuations of fuel prices.</p>	<p>petrol and diesel of your city</p> <p>And compare the difference</p>
7	NOVEMBER	<b>13. A Shelter so High!</b>	08	<p>1. Concept of Hot and Cold deserts.</p> <p>2. Lifestyle of different tribes living at Higher altitudes.</p> <p>3. Different types of houses in hilly regions.</p> <p>4. Rearing of animals and their products at higher altitude</p>	<p>1. To understand that all deserts are not hot and sandy.</p> <p>2. To learn about the lifestyle of Changpa tribe.</p> <p>3. To develop sensitivity towards people living at higher altitudes.</p> <p>4. To learn about different types of houses in different regions depends on climate and locally available raw material, etc.</p> <p>5. similarities and differences in the lifestyles of Bakarwal people and Changpas</p>	<p>1. Map work- Mark the states having temperature 0 degrees or below 0 degrees Celsius.</p> <p>2. Discussion on virtual video clip depicting lifestyle of Changpas.</p> <p>3. Draw / paste the picture of Pashmina shawl and write down its specific features.</p> <p>4. Make a model/sketch of different types of shelters found in Leh/Ladakh /Srinagar.</p>

		<p><b>14. When the Earth Shook!</b></p>	08	<ol style="list-style-type: none"> <li>1. Natural calamities and their adverse effects.</li> <li>2. Groups working to rescue and save people from natural calamities.</li> <li>3. Work of Engineers and Architects.</li> <li>4. Disaster management. ( NDRF)</li> <li>5. BHUNGAS a traditional houses made in Gujarat</li> </ol>	<ol style="list-style-type: none"> <li>1. To learn about natural calamities and their effects.</li> <li>2. To learn about Government agencies and voluntary groups.</li> <li>3. To understand the work of Engineers and Architects.</li> <li>4. To learn about Do's and Dont's during disasters.</li> </ol>	<ol style="list-style-type: none"> <li>1. Mock drill if there is an earthquake.</li> <li>2. Prepare a telephone directory for emergency numbers.</li> <li>3. List various ways by which disaster affected people can be helped out.</li> <li>4. Evacuation chart of your school during any natural calamity.</li> <li>5. Prepare an Emergency Kit depicting requirements for adverse time.</li> </ol>
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		<b>15. Blow Hot, Blow Cold(EE Lesson)</b>	06	<ol style="list-style-type: none"> <li>1. Concept of Hot and Cold air.</li> <li>2. Concept of inhalation and exhalation.</li> <li>4. Function of lungs</li> <li>5. Clock inside human body.</li> <li>6. Direction of Air flow.</li> </ol>	<ol style="list-style-type: none"> <li>1. To know and understand the concept of Hot and Cold air depending upon the outside temperature.</li> <li>2. To analyse how many breaths occur in one minute.</li> <li>3. To learn about human heart clock.</li> <li>4. To gain knowledge about direction of air flow.</li> </ol>	<ol style="list-style-type: none"> <li>1. List out various ways to cool hot food items.</li> <li>2. Blow the given objects and note the observations.</li> <li>3. Experiment on Air blown on a mirror.</li> <li>4. Counting number of breaths in one minute.</li> <li>5. Snake game.</li> <li>6. Classify musical instruments that make sound by blowing air, percussion instruments.</li> </ol>
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**TERM II ASSESSMENT 3**

8	DECEMBER	<b>16. Who will do this work?</b>	08	<ol style="list-style-type: none"> <li>1. Importance and rights of Cleanliness workers.</li> <li>2. Community workers.</li> <li>3. Concept of Untouchability.</li> </ol>	<ol style="list-style-type: none"> <li>1. To sensitize to be respectful to cleanliness workers.</li> <li>2. Recapitulate about various community workers.</li> </ol>	<ol style="list-style-type: none"> <li>1. Make a collage of community helpers.</li> <li>2. Slogan writing on No more Untouchability practice.</li> </ol>
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				<p>4. Gandhiji's teachings of every person should do every kind of work.</p> <p>5. Discrimination based on the caste, religion and community followed in India with reasons.</p>	<p>3. To develop sensitivity towards untouchability.</p> <p>4. To gain knowledge on Gandhiji's teachings on Self working spirit.</p>	<p>3. Conducting a cleanliness drive at school.</p> <p>4. Discussion on Virtual clip of Gandhiji's Sabarmati Ashram work practices.</p>
		<b>17. Across the Wall(EE Lesson)</b>	06	<p>1. Concept of team spirit.</p> <p>2. Gender equality in Sports.</p> <p>3. No discrimination on the basis of caste or economic status.</p> <p>4. Healthy competition in Sports.</p>	<p>1. To understand to play for the team with a team spirit.</p> <p>2. To sensitize towards Gender equality.</p> <p>3. To learn not to discriminate on the basis of caste or economic status.</p> <p>4. To understand that ranking and unhealthy competition should be avoided.</p>	<p>1. Paste picture of your favourite sport and write few lines about it.</p> <p>2. Collage making of different women sportsperson of India.</p> <p>3. List out various ways by which a leader shows his leadership qualities during a game.</p> <p>4. List out games played by your Grandparents, Parents and other elderly people of your family during their childhood and school age.</p>
9.	JANUARY	<b>18. No Place for us?</b>	08	<p>1. Concept of Homeless people and Slum areas</p> <p>2. Silence is different from calm/peace.</p>	<p>1. To become sensitive towards homeless people.</p> <p>2. To differentiate</p>	<p>1. Discussion on a virtual clip showing homeless people.</p> <p>2. List advantages and</p>

				<p>3. Different aspects of dams.</p> <p>4. Problems and difficulties faced on being displaced or transferred.</p> <p>5. Importance of infrastructure and developmental work</p>	<p>silence from calm/peace.</p> <p>3. To understand how big projects like dams, bridges, highways, factories are promoted in the name of development.</p> <p>4. To analyse the problems faced on being transferred from one place to another.</p>	<p>disadvantages of Dam construction.</p> <p>3. Visit to a nearby dam site.</p> <p>4. Collect newspaper reports on Dam controversies.</p>
		<b>19. A Seed tells a Farmer's story</b>	08	<p>1. Rabi and Kharif crops.</p> <p>2. Types of Agricultural practices.</p> <p>3. Methods of plant propagation.</p> <p>4. Farmer's struggles in India.</p> <p>5. Concept of millets (uses</p> <p>6. Festivals and food related to harvesting of crop</p> <p>7. Uses of insecticides and pesticides</p>	<p>1. To differentiate between Rabi and Kharif crops.</p> <p>2. To learn about various types of agricultural practices.</p> <p>3. To know and understand various methods of plant propagation.</p> <p>4. To understand and analyse farmer's struggles in developing countries.</p>	<p>1. List and draw Rabi and Kharif crops grown in India.</p> <p>2. Collect pictures of different types of agricultural practices and write about them.</p> <p>3. Prepare manure from waste compost pit.</p> <p>4. Draw plant propagating through Root, stem cuttings, leafetc.</p> <p>5. Visit to a nearby nursery or field.</p>

10	FEBRUARY	<b>20. Whose Forests?</b>	06	<p>1. 'Girl stars'-extraordinary tales of ordinary girls.</p> <p>2. Web of relationship between plants, trees and animals in a forest.</p> <p>3. Concept of Forest dwellers and contractors.</p> <p>4. Need and problems associated with building of big dams, roads, mining projectsetc.</p> <p>5. Right to Forest Act.</p> <p>6. Hilly terrain of North East and the state of Mizoram which practices Jhoom farming.</p>	<p>1. To gather knowledge about 'Girl stars'.</p> <p>2. To understand web of relationship in a forest.</p> <p>3. To know about Forest dwellers and Contractors.</p> <p>4. To analyse needs and problems related with big dams, roads, mining projectsetc.</p> <p>5. To know about Right to Forest Act.</p> <p>6. To gain knowledge about hilly terrain of North East.</p> <p>7. To understand Jhoom farming of Mizoram.</p>	<p>1. List resources under threat.</p> <p>2. Map work on natural forest reserves.</p> <p>3. List various ways to measure land.</p> <p>4. Make a collage showing web relationship between- Plants, Trees and animals.</p> <p>5. Story Enactment- SAVE FORESTS</p> <p>6. Enlist plant/forest products used by us.</p> <p>7. Discussion on a virtual clip showing various farming techniques.</p> <p>8. Visit to a nearby forest land.</p>
		<b>21. Like Father, Like Daughter</b>	06	<p>1. Recapitulate similar traits amongst the members of a family.</p>	<p>1. To Observe and analyze similar traits amongst members of a family.</p>	<p>1. Tabulate similarities and differences amongst you, your parents and</p>

				<p>2. Birth and environmental acquired traits.</p> <p>3. Pulse polio disease.</p> <p>4. Gregor Mendel's experiment on pea plant.</p>	<p>2. To learn about birth and environment acquired traits.</p> <p>3. To know and understand how a polio disease occurs and ways to prevent it.</p> <p>4. To gain knowledge on Gregor Mendel's pea experiment.</p>	<p>Grandparents.</p> <p>2. Collect information about diseases inherited to the next generation.</p> <p>3. List various ways to measure hair and height.</p> <p>4. Collect pictures of different kinds of disabilities due to polio disease and paste in activity book.</p> <p>5. Discussion on newspaper clippings on Pulse Polio.</p> <p>6. Poster making on promotion of Pulse Polio drops and vaccination.</p> <p>7. Discussion on a virtual clipping on Gregor Mendel's pea experiment.</p>
		<b>22. On the Move Again (EE Lesson)</b>	04	<p>1. Concept of Borrowing money, loans, debts and agents.</p> <p>2. Different types of farmers.</p> <p>3. Methods of irrigation in</p>	<p>1. To learn about issues related to borrowing money, loans, debts and agents.</p> <p>2. To understand similarities and differences in the lives</p>	<p>1. Role play and discussion on borrowing money.</p> <p>2. List out similarities and differences between various kinds of farmers.</p>

				farms. 4. Drug addiction and harmful effects of drugs/narcotics. 5. Migrating communities.	of different kinds of farmers. 3.To learn about various methods of irrigation. 4.To understand and analyse harmful effects of drugs/narcotics. 5.To enlist the reasons of communities migrating from one place to another and kind of work done by them.	3. Prepare charts/posters on Drug addiction and their prevention. 4. Discussion on virtual clip showing various migrating communities.
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**TERM II ASSESSMENT 4**



**NAVY CHILDREN SCHOOL, MUMBAI**  
**SPLIT-UP SYLLABUS (2024-25)**

**Class- 5**

**Subject- GK**

<b>MONTH</b>	<b>UNIT</b>	<b>TOPIC</b>	<b>SUB-TOPIC</b>	<b>LEARNING OUTCOMES</b>
<b>APRIL+MAY</b>	Unit-1 Unit-2	<b>OUR SECURITY/ INCREDIBLE INDIA</b>  <b>CURRENT AFFAIRS</b>	Unit-1 1. National Memorials of Armed Forces 2. Armed Forces Flag Day 3. United Nations Organisation Unit-2 4. World Heritage Sites in India 5. Indian Constitution 6. Indian Languages 7. Hill stations 8. Pilgrimages	<ul style="list-style-type: none"> <li>• Learn about the National Memorials, their location and the wars related to them.</li> <li>• Know about the Armed Forces Flag Day and its significance.</li> <li>• Understand the structure and role of the United Nations Organisation.</li> <li>• Identify the pictures and names of the World Heritage Sites in India.</li> <li>• Understand various rules and regulations according to which our country is governed.</li> <li>• Identify various languages spoken in different parts of the country.</li> <li>• Recognise the hill stations which are popular tourist destinations.</li> <li>• Identify the given pilgrimages in India and the places they are located in.</li> </ul>
<b>JUNE+ JULY</b>	Unit-2 Unit-3	<b>INCREDIBLE INDIA/ THE WORLD AROUND US</b>  <b>CURRENT AFFAIRS</b>	9. Commissioned Ranks 10. Sobriquets 11. National Parks and Sanctuaries Revision Test Paper 1	<ul style="list-style-type: none"> <li>• Learn about commissioned ranks in the three-armed services of India in order.</li> <li>• Identify and name the city with sobriquets.</li> <li>• Learn about the location of various National parks and sanctuaries of India.</li> <li>• Identify and name the Parliaments of various countries.</li> </ul>

			<p>Unit -3</p> <p>12. Countries-Parliaments</p> <p>13. Famous Industrial Cities</p> <p>14. Holy cites</p> <p>15. Sky is the best</p> <p>16. Great Explorers</p>	<ul style="list-style-type: none"> <li>• Know about the industries that become identity of the city in the world.</li> <li>• Identify the holy places in the world.</li> <li>• Recognise the International airlines that operate air services all over the world.</li> <li>• Understand the importance of travelling and know about world famous explorers.</li> </ul>
<b>AUGUST</b>	<p>Unit-4</p> <p>Unit-5</p>	<p><b>ANIMAL KINGDOM/PLANT KINGDOM</b></p> <p><b>CURRENT AFFAIRS</b></p>	<p>Unit-4</p> <p>17. Animal's Native Places</p> <p>18. WOW facts on animals</p> <p>19. Super Power Aquatic Animals</p> <p>20. Animal Superlatives</p> <p>21. Feathered Wonders</p> <p>Unit-5</p> <p>22. Medicinal Spices</p> <p>23. Popular Trees</p> <p>24. Toxic Plants</p>	<ul style="list-style-type: none"> <li>• Identify the native place of the given animal.</li> <li>• Learn about fascinating creatures with certain adaptations necessary for their survival.</li> <li>• Learn about aquatic animals with mysterious behaviour and powers that help them survive challenging conditions in deep oceans.</li> <li>• Identify the animals based on certain abilities that are more impressive than others.</li> <li>• Develop a sense of appreciation for diverse species of birds in the world.</li> <li>• Identify and classify various spices.</li> <li>• Understand the contribution of trees in our daily life.</li> <li>• Identify and classify plants which are attractive but poisonous.</li> </ul>

<b>SEPTEMBER</b>	Unit-6	<b>SPORTS AND ENTERTAINMENT</b>  <b>CURRENT AFFAIRS</b>	Unit-6 25. National Players 26. International Trophies / Cups 27. Nicknames of Indian Cricketers 28. Movie Mania 29. Martial Arts 30. Animal Movies 31. Sports Symbols  Revision Test Paper 2	<ul style="list-style-type: none"> <li>• Appreciate the players who represent India and bring laurels to the country.</li> <li>• Learn about various important international trophies and cups related to the sports events.</li> <li>• Understand that just like every family has nicknames, Indian Cricket Team is like a family and the players have nick names too.</li> <li>• Quote the famous dialogues from movies in their conversation.</li> <li>• Take pride in the Martial Arts that are part of India's ancient culture and traditional games.</li> <li>• Understand that animals and nature are for us to protect and love.</li> <li>• Identify the symbols used for different sports.</li> </ul>
<b>OCTOBER</b>	Unit-7	<b>SCIENCE AND TECHNOLOGY</b>  <b>CURRENT AFFAIRS</b>	Unit-7 32. ISRO 33. Ologies 34. Human Body 35. Simple Machines 36. Father of Different Fields 37. Diseases	<ul style="list-style-type: none"> <li>• Learn about the Indian Space Research Organisation.</li> <li>• Learn about different science ologies.</li> <li>• Understand the smaller structures that are part of the human body.</li> <li>• Identify and classify machines as simple machines and complex machines.</li> <li>• Learn about famous personalities who made a great contribution in a particular field and became famous as the father of that field.</li> <li>• Tell the names of various diseases and the affected body part.</li> </ul>
<b>NOVEMBER</b>	Unit-8	<b>LANGUAGE AND LITERATURE</b>  <b>CURRENT AFFAIRS</b>	Unit-8 38. Vocabulary-places 39. Phobias 40. Fairy Tales 41. Components of a book 42. Gesture Communication 43. Greatest Epics	<ul style="list-style-type: none"> <li>• Develop language skill by learning the words that denote various places or the vocabulary- places.</li> <li>• Identify and classify various anxiety disorders or phobias.</li> <li>• Develop the imagination, visualisation and creative ability.</li> <li>• Learn about the names of various components of a book.</li> <li>• Can convey their feelings and attitude more clearly through gestures.</li> <li>• Recognise the famous epics of our country and</li> </ul>

			Revision Test Paper -3	take pride in the heroic deeds of persons with unusual courage and unparalleled bravery.
<b>DECEMBER</b>	Unit-9	<b>LIFE SKILLS AND ENVIRONMENT</b>  <b>CURRENT AFFAIRS</b>	Unit-9 44. Disaster Awareness 45. Beyond Handshake 46. Signs and symbols	<ul style="list-style-type: none"> <li>• Know the steps to be taken during a natural disaster and thus are prepared for the unknown natural calamities.</li> <li>• Can greet people from different countries appropriately.</li> <li>• Understand the safety messages at a glance through signs and symbols.</li> </ul>
<b>JANUARY</b>	Unit-10	<b>GENERAL AWARENESS</b>  <b>CURRENT AFFAIRS</b>	Unit-10 47. Car Logos 48. How Many? 49. What are they called?	<ul style="list-style-type: none"> <li>• Identify a car company and the motto that it follows by looking at its logo.</li> <li>• Use numbers related to the number of players in a team, years in a jubilee etc.</li> <li>• Name the chief persons of different Institutions viz. Mayor for Municipal Corporation, Postmaster for Post Office, Chancellor for University etc.</li> </ul>
<b>FEBRUARY</b>	Unit-11	<b>BRAIN TEASERS</b>  <b>CURRENT AFFAIRS</b>	Unit-11 50. Number Puzzle 51. Roman Numerals Revision Test Paper -4	<ul style="list-style-type: none"> <li>• Develop an understanding of simple patterns through number puzzles involving recognition and extension of patterns.</li> <li>• Write the numbers in ancient Roman numeral system.</li> </ul>
<b>MARCH</b>			<b>ASSESSMENT</b>	

**NOTE: The last two additional pages in the revised edition which includes the Newsletter and Current Affairs are not to be included and followed for the purpose of examination as they are outdated (facts from OCT'22 to SEPT'23). The current affairs as and when will be done in each month will be shared by HM in the HM's group.**



## NAVY CHILDREN SCHOOL, GOA

**CLASS 5**

### SPLIT UP SYLLABUS 2024 - 25

Month	Chapter	Contents	Objectives	Activities	ASSIGNMENTS
April /May	<b>1. Evolution of computers</b> <b>No. of Periods :THEORY 5</b> <b>+ PRAC 5 = 10</b>	<ul style="list-style-type: none"> <li>- Definition of computers</li> <li>- Evolution of computers</li> <li>- Generations of computers</li> <li>- Types of computers</li> <li>- Limitations of computer</li> </ul>	<b>Students will be able to</b> <ul style="list-style-type: none"> <li>- describe the history of computers</li> <li>- know the characteristics and limitations of computers</li> <li>- compare the generations of computers</li> </ul>	<ul style="list-style-type: none"> <li>- Solve the jumbled letters to form a word</li> <li>- Identification of different computers according to the given pictures.</li> </ul> <b>Lab Activity:</b> <ul style="list-style-type: none"> <li>- Understand and explore the different generations of computers by pasting pictures and writing about them.</li> <li>- Compare and find the characteristics of ENIAC and UNIVAC computers with the help of Internet.</li> </ul>	CREATE A TIME LINE BASED ON THE GENERATION OF COMPUTERS IN A FLOWCHART
June / JULY	<b>2. Types of software</b> <b>No. of Periods : THEORY 2</b> <b>+ PRAC 2 = 4</b>	<ul style="list-style-type: none"> <li>- Hardware and software</li> <li>- Types of computer software</li> <li>- Importance of utility software</li> <li>- General Purpose Application Software</li> <li>- Operation Support System</li> <li>- Customized software</li> </ul>	<b>Students will be able to</b> <ul style="list-style-type: none"> <li>- understand the term software</li> <li>- distinguish between hardware and software</li> <li>- explain different types of software and differentiate between them</li> <li>- know the importance of utility software</li> <li>- learn the important software like general purpose application software, customized software and operation support system</li> </ul>	<ul style="list-style-type: none"> <li>- Search the given words in the word maze.</li> </ul> <b>Lab Activity:</b> <ul style="list-style-type: none"> <li>- Identifying and exploring different types of computers installed in your computer by pasting screenshots of the same.</li> <li>- Understanding the role of an antivirus software in your computer and explore its features using Internet.</li> </ul>	MAKE A CHART ON THE DIFFERENT TYPES OF HARDWARE AND SOFTWARE

	<b>3. Knowing about Logic Circuits No. of Periods : THEORY 3 +PRAC 3 = 6</b>	<ul style="list-style-type: none"> <li>- Logic circuits</li> <li>- Types of circuits</li> <li>- Boolean algebra</li> <li>- Logic diagrams and truth tables</li> </ul>	<b>Students will be able to</b> <ul style="list-style-type: none"> <li>- Students will be able to understand the basics of logic circuits</li> <li>- explain different types of circuits</li> <li>- make different combinations of variables to get different logic circuits</li> </ul>	<b>Lab Activity:</b> <ul style="list-style-type: none"> <li>- Draw Logic diagrams and make truth tables using different expressions between the variables.</li> </ul>	MAKE TRUTH TABLES USING THE DIFFERENT GATES
<b>August</b>	<b>4. Advanced features in Word processor No. of Periods THEORY 4 + PRAC 4 = 8</b>	<ul style="list-style-type: none"> <li>- Copy formatting to another selection</li> <li>- Page formatting</li> <li>- Setting the page properties</li> </ul>	<b>Students will be able to</b> <ul style="list-style-type: none"> <li>- learn different advanced formatting tools in MS Word</li> <li>- understand the importance and enhance their ability to use of these advanced formatting tools</li> </ul>	<b>Lab Activity:</b> <ul style="list-style-type: none"> <li>- Implementing the use of different advanced formatting tools of Word processor by formatting an essay on Increasing population.</li> </ul>	PREPARE A BIRTHDAY CARD IN LANDSCAPE USING ADVANCED WORD TOOLS
<b>Sept</b>	<b>5. Tables in MS Word 2016 No. of Periods THEORY 4 + PRAC 4 = 8</b>	<ul style="list-style-type: none"> <li>- Inserting a table</li> <li>- Entering data in a table</li> <li>- Selecting different parts of a table, moving in a table and modifying a table</li> <li>- Merging cells and splitting cells</li> <li>- Convert text to a table</li> <li>- Inserting a picture, applying borders and shading and different table styles</li> </ul>	<b>Students will be able to</b> <ul style="list-style-type: none"> <li>- understand the table and its important features</li> <li>- learn to create a table and enter data in the table</li> <li>- learn to edit a table</li> <li>- understand different ways to format a row/ column/table</li> <li>- enhance their ability to apply different table styles and borders and shadings in tables</li> </ul>	<b>Lab Activity:</b> <ul style="list-style-type: none"> <li>- Understanding and using different table formatting features and different table styles to make a table according to the given instructions.</li> </ul>	PREPARE A BILL OF 10 ITEMS WITH COLUMN HEADS AND APPLY FORMATTING TO THE TABLE.

OCT	<b>6. Learning about making presentation</b> <b>No. of Periods Theory 3 + prac 3 = 6</b>	<ul style="list-style-type: none"> <li>- Introduction to Microsoft PowerPoint</li> <li>- Starting PowerPoint 2016</li> <li>- Main components of PowerPoint 2016</li> <li>- Creating a new presentation</li> <li>- Adding and deleting a slide in a presentation</li> <li>- Working on the slide</li> <li>- Saving, running, closing and exiting a presentation</li> <li>- Opening an existing presentation</li> </ul>	<b>Students will be able to</b> <ul style="list-style-type: none"> <li>- express the topic attractively to grab audiences' attention using different templates</li> <li>- enhance their ability to use different presentation tools, formatting effects and inserting object to grab audiences' attention</li> </ul>	<ul style="list-style-type: none"> <li>- Solve the jumbled letters to form a word.</li> </ul> <b>Lab Activity:</b> <ul style="list-style-type: none"> <li>- Implementing different presentation tools, template styles, inserting objects and formatting effects by making a beautiful and an attractive presentation on Good health.</li> </ul>	PREPARE A PRESENTATION ON THE TOPIC 1. types of pollution 2. natural calamities
NOV / DEC	<b>7. Introduction to Scratch</b> <b>No. of Periods: theory 7 + prac 7 = 14</b>	<ul style="list-style-type: none"> <li>- Concept of program and programming language</li> <li>- Introduction to Scratch</li> <li>- Getting started with Scratch</li> <li>- Main components of Scratch window</li> <li>- Creating a project</li> <li>- Motion block, Pen block and Sound block</li> <li>- Saving and opening Scratch project</li> </ul>	<b>Students will be able to</b> <ul style="list-style-type: none"> <li>- enhance their creativity using simple Scratch software</li> <li>- create their own exciting projects, stories, etc.</li> </ul>	<ul style="list-style-type: none"> <li>- Describe the functions of the given blocks.</li> </ul> <b>Lab Activity:</b> <ul style="list-style-type: none"> <li>- Using different Scratch blocks make the Sprite do different movements.</li> <li>- Use different blocks of block palette to make a square by the Sprite of your choice.</li> </ul>	WRITE CODES FOR 1) DANCING LETTERS
Jan.	<b>8. Internet</b> <b>No. of Periods: Theory 4 + prac 4 = 8</b>	<ul style="list-style-type: none"> <li>- Internet and its uses</li> <li>- Connecting to Internet</li> <li>- Browsing the Internet and using links</li> <li>- Search engine</li> </ul>	<b>Students will be able to</b> <ul style="list-style-type: none"> <li>- Students will be able to -</li> <li>- understand different advantages of Internet</li> <li>- learn the ways to connect to the Internet via varied types of Internet connections</li> <li>- know the meaning of browsing and surfing</li> <li>- understand the importance and use of search engines</li> </ul>	<b>Lab Activity:</b> <ul style="list-style-type: none"> <li>- Utilizing your search techniques on Internet, write a short note on Revolutionizing World by Internet</li> </ul>	MAKE A CHART BASED " CYBER SECURITY "

Feb.	<b>9. E-mail</b> <b>No. of Periods theory 2 +</b> <b>prac 2 + revision 4 = 8</b>	<ul style="list-style-type: none"> <li>- E-mail</li> <li>- E-mail account</li> <li>- Creating an e-mail account</li> <li>- To use an e-mail</li> <li>- Sending an e-mail</li> <li>- Attaching a file to an e-mail</li> <li>- Replying and forwarding an e-mail</li> <li>- Adding signature to an e-mail</li> <li>- Signing out</li> <li>- E-mail etiquettes</li> <li>- Advantages of an e-mail</li> </ul>	<b>Students will be able to</b> <ul style="list-style-type: none"> <li>- Students will be able to -</li> <li>- understand the meaning of e-mail</li> <li>- learn the way to get started using an e-mail</li> <li>- know the important pre-requisite requirements for an e-mail</li> <li>- learn the important components of message window</li> <li>- enhance their ability to writing, sending, replying and forwarding an e-mail</li> <li>- learn to add contact to Google contacts</li> </ul>	<b>Lab Activity:</b> <ul style="list-style-type: none"> <li>- Utilizing the advantages of e-mail, send birthday party invites to your friends using your e-mail account and also ask them to reply regarding the same via e-mail.</li> </ul>	<b>WRITE 10 DO'S AND DON'T TO BE FOLLOWED WHILE WRITING AN EMAIL</b>



## MUSIC VOCAL SYLLABUS

GIVEN BY NES TO BE FOLLOWED FOR THE YEAR 2023- 2024

Class	April - May	July- August	Sept- Oct	Nov- Dec	Jan- Feb
V	<p>1.Alankar-1 ( Both In Sargam &amp; Aakaar) *सागरे, रेमग, गपम, मधप, पनिध, धसांनि, निरेसां – आरोह सांधनि, निपध, धमप, पगम, मरेग, गसरे, रेनिसा- अवरोह</p> <p>1. Hindi Prayer Eg. Daya Karo Bhagwan Or Any Other <a href="https://youtu.be/3ZP7B1G4TKo">https://youtu.be/3ZP7B1G4TKo</a></p> <p>2. (Welcome Song) Eg. Sur Se Sur Mila Kar Or Any Other <a href="https://youtu.be/Tp8GH217oY">https://youtu.be/Tp8GH217oY</a></p> <p>4.Definition of Aaroh and Avroh</p> <p>5.Different patterns of Alankar</p>	<p>1. Green Anthem <a href="https://youtu.be/Etf7uj7lgww">https://youtu.be/Etf7uj7lgww</a></p> <p>2. Ek Raah Ke Hain <a href="https://youtu.be/Dxgy-52nzm">https://youtu.be/Dxgy-52nzm</a></p> <p>3. घिर-घिर आई <a href="https://youtu.be/LhLt--FU">https://youtu.be/LhLt--FU</a></p> <p>4. मींड़, न्यास (Sliding Notes, Holding Notes)</p> <p>5. Bedu Pako (Gadhwalī Folk) <a href="https://youtu.be/Uxfnxcl7niw">https://youtu.be/Uxfnxcl7niw</a></p> <p>6. Different types of alap and taan</p>	<p>1. गुरु वंदना “मोहे लागी लगन गुरु” <a href="https://youtu.be/Uexjn6ccwny">https://youtu.be/Uexjn6ccwny</a></p> <p>2. गीत खुशी के <a href="https://youtu.be/3mlhe-Ptbls">https://youtu.be/3mlhe-Ptbls</a></p> <p>3. Knowledge Of Octaves. सप्तक Lower- मंद्र Middle- मध्य Higher- तार Importance Of Dot(.) In Notes.</p> <p>4.Sanskrit Shloka - Guroor Brahma, -Namanati Falani.</p> <p>5. Millets Song</p> <p>6. Alokit Path</p>	<p>1. Christmas Carol “O Holy Night” <a href="https://youtu.be/Ooietzwp1h0">https://youtu.be/Ooietzwp1h0</a></p> <p>1. Patriotic Song Eg. Coast Guard Song Or Any Other <a href="https://youtu.be/Ejm53koioia">https://youtu.be/Ejm53koioia</a></p> <p>3. Alankar-2 (Both In Sargam &amp; Aakaar ) * सारेसारेगम, रेगरेगमप, गमगमपध, मपमपधनि, पधपधनिसां – आरोह सांनिसांनिधप, निधनिधपम, धपधपमग, पमपमगरे, मगमगरेसा – अवरोह</p> <p>4. Parakram Diwas Song <a href="https://youtu.be/hijUN9Cf-U0">https://youtu.be/hijUN9Cf-U0</a> or Any Other</p>	<p>1. Patriotic Song Eg. Desh Humein Deta Hai Sab Kuch Or Any Other <a href="https://youtu.be/Gwdby3pc6ai">https://youtu.be/Gwdby3pc6ai</a></p> <p>2.Saraswati Vandana Eg. Maa Saraswati Shaarde Or Any Other <a href="https://youtu.be/F-Nn9ft-VIE">https://youtu.be/F-Nn9ft-VIE</a></p> <p>3. Singing In Small Groups. (4-5 Students In A Group )</p> <p>4. Revision.</p>

# Dance Syllabus 2024-2025 Primary

\*All links are only for reference purpose

\*Changes can be there as per requirement ( event/occasion/state)

## Class V

\*All links are only for reference purpose

April – May	July- August	Sept- Oct	Nov- Dec	Jan- Feb
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<p><b>Hand Gestures</b></p> <ol style="list-style-type: none"> <li>1.Pataka -Flag</li> <li>2.Tripataka-Flag in three parts crown, tree.</li> <li>3. Ardhapataka-Half flag</li> <li>4.Kartarimukha- Scissorsf ace</li> <li>5.Mayura-Peacock</li> <li>6.Ardhachandra-Half moon</li> <li>7.Arala-bent</li> <li>8.Shukatunda-parrot head</li> <li>9.Mushthi-fist</li> <li>10.Shikhara-Peak</li> <li>11.Kapitta-Elephant</li> <li>12Katakamukha(1- Openi ng of a bracelet 2-to eat 3- to hold ghunghat)</li> <li>13.Suchi-Needle</li> <li>14.Chandrakala-Face of the moon</li> <li>15.Padmakosha-Lotus bud Fruit.</li> </ol>	<p>Summer dance for e.g. <a href="https://youtu.be/JwR2RZuCuDI">https://youtu.be/JwR2RZuCuDI</a></p> <p><b>Vandana based on Classical Dance from selected</b></p> <p>Hand Movements Leg Movements combination of both</p>	<p><b>Folk dance for e.g.</b> “Goan/Konkani” Steps Hand Movements Combination of both</p>	<p><b>Free style dance/ in Contemporary dance (A Rendition to Mother Earth). -any one</b></p> <p><a href="https://youtu.be/AthXL8MpL0g">https://youtu.be/AthXL8MpL0g</a></p>	<p><b>Dance on NCERT community song/ Desh BhaktiGeet/ Environment /prakram diwas (any one)</b></p> <p><a href="https://youtu.be/fvpJg2UjnQ0">https://youtu.be/fvpJg2UjnQ0</a></p> <p>Or <a href="https://youtu.be/xJFWGXBDMfQ">https://youtu.be/xJFWGXBDMfQ</a> Or <a href="https://youtu.be/AthXL8MpL0g">https://youtu.be/AthXL8MpL0g</a></p>
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<b>one folk dance with track.</b>				
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**Learning outcomes**

- \*Imitates body movement of natural surroundings like- animals, birds, people around.
- \* Dance to any rhythmic music.
- \* Moves of different parts of the body like shoulder, waist ,hands, feet etc.
- \* Body balance while making different dance movements.

## Asamyutha hastas



Pathakam



Tirupathakam



Ardhapathakam



Kartarimukham



Mayuram



Ardhachandran



Aralam



Shukathundam



Mushti



Shikaram



Kapitham



Katakamukham



Suchi



Chandrakala



Padmakosam



Sarpasirsham



Mrigasirsham



simhamukham



kangulam



Alapadmam



chaturam



Bramharam



Hamsasyam



Hamsapakshakam



Sandamsham



Mukulam



Tamarachuda



Trisoolam

<https://youtu.be/W-fPeR474B8>

(Show me a tree )

[https://youtu.be/sJfyD3C\\_SMc](https://youtu.be/sJfyD3C_SMc)

Body parts- (fearfully and wonderfully designed )

<https://youtu.be/kEzRtk5JV9I>

Thank-you god

<https://youtu.be/WZJA1kmT3Rg>

Basic movements of body

<https://youtu.be/dW-jM2ktW4A>

Baby shark (rhythm base)

<https://youtu.be/ymigWt5TOV8>

Easy dance (zumba style)

<https://youtu.be/4m4q-WXWVYg>

Scooby-Doo papa (rhythm base)

<https://youtu.be/tHOMIy0VCoY>

Itsy bitsy(direction based dance)

<https://youtu.be/YRnSht-ONtU>

Let's discover let's explore

<https://youtu.be/VT6PAR k a0>

The lion story (action and steps variations)

<https://youtu.be/SH-7A3NVQbY>

Dance party under the sea

<https://youtu.be/0ebf3dGGdFg>

Freeze dance

<https://youtu.be/ii295Cy7R2k>

Dance in weekdays..

<https://youtu.be/7PXV3dwaeNU>

One more steps (invocation dance)

<https://youtu.be/52pdktAMDe4>

Jump up (action based)



# **INSTRUMENTAL SYLLABUS OF CLASS- V**

**APRIL – MAY**

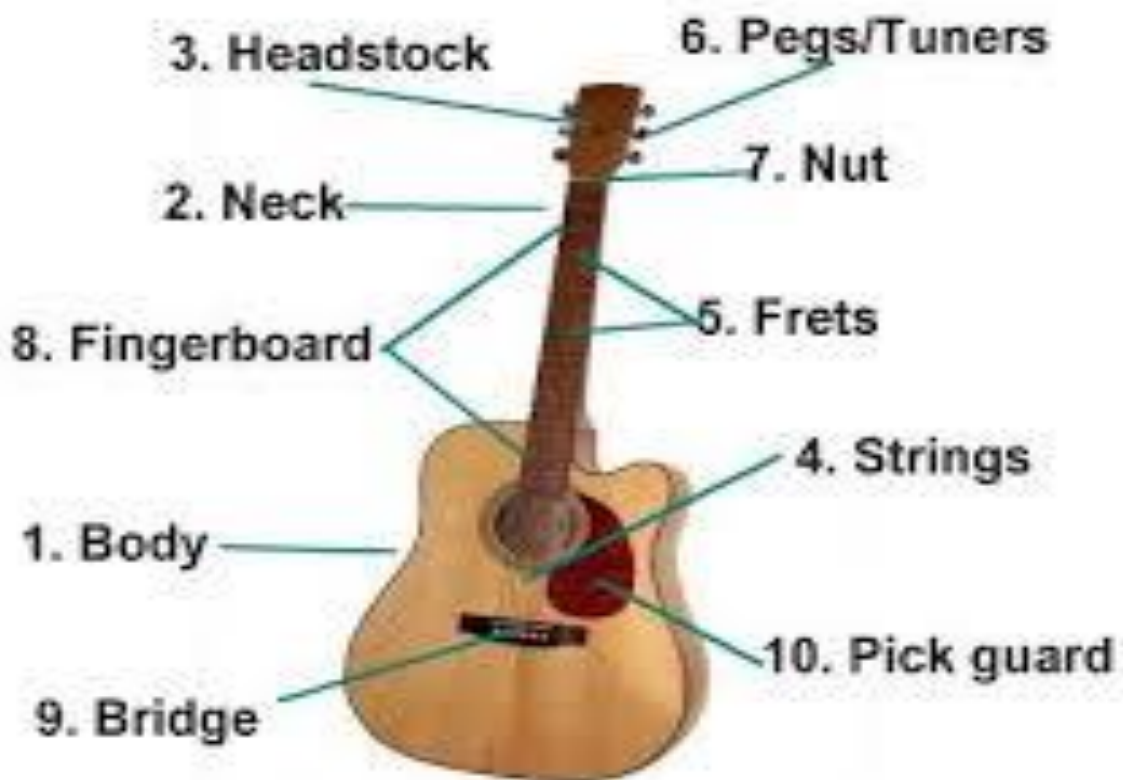
## **GUITAR – Guitar Anatomy** Understanding the parts of guitar

The first section of Guitar is called a HEADSTOCK , on which you will find the tuner and tuning pegs . The tuning pegs allow you tune the guitar by tightening or loosening the wire . The middle , narrow section of Guitar is called the neck . The nut is the white strip closest to the headstock.

The front side of the neck is called the Fret board .And the metal wires on the Fret board are called the frets, which help your fingers find the right spots. The biggest part of the Guitar is called the Body, Which has a hole in the middle called the Sound hole .On the body the Bridge ,the Saddle ,and the Bridge pins hold the wires in place.

For reference click this Link : <https://www.libertyparkmusic.com/the-anatomy-of-guitar/>

Video : [https://www.youtube.com/watch?v=\\_av3z-9C3zg](https://www.youtube.com/watch?v=_av3z-9C3zg)



**KEYBOARD:** Understanding the parts of Keyboard/Key Names

There are seven natural notes on a piano: C, D, E, F, G, A, B.

Teachers will make Students to Understand the Scale

For Reference Click the Link : <https://www.youtube.com/watch?v=hrQFMg99efY>



**DRUMS** -: Understanding the part of Drums and Stick handling .

The Bass Drum : It is largest of all drums and also commonly get referred to as KICK DRUM .It is played by using foot pedal .

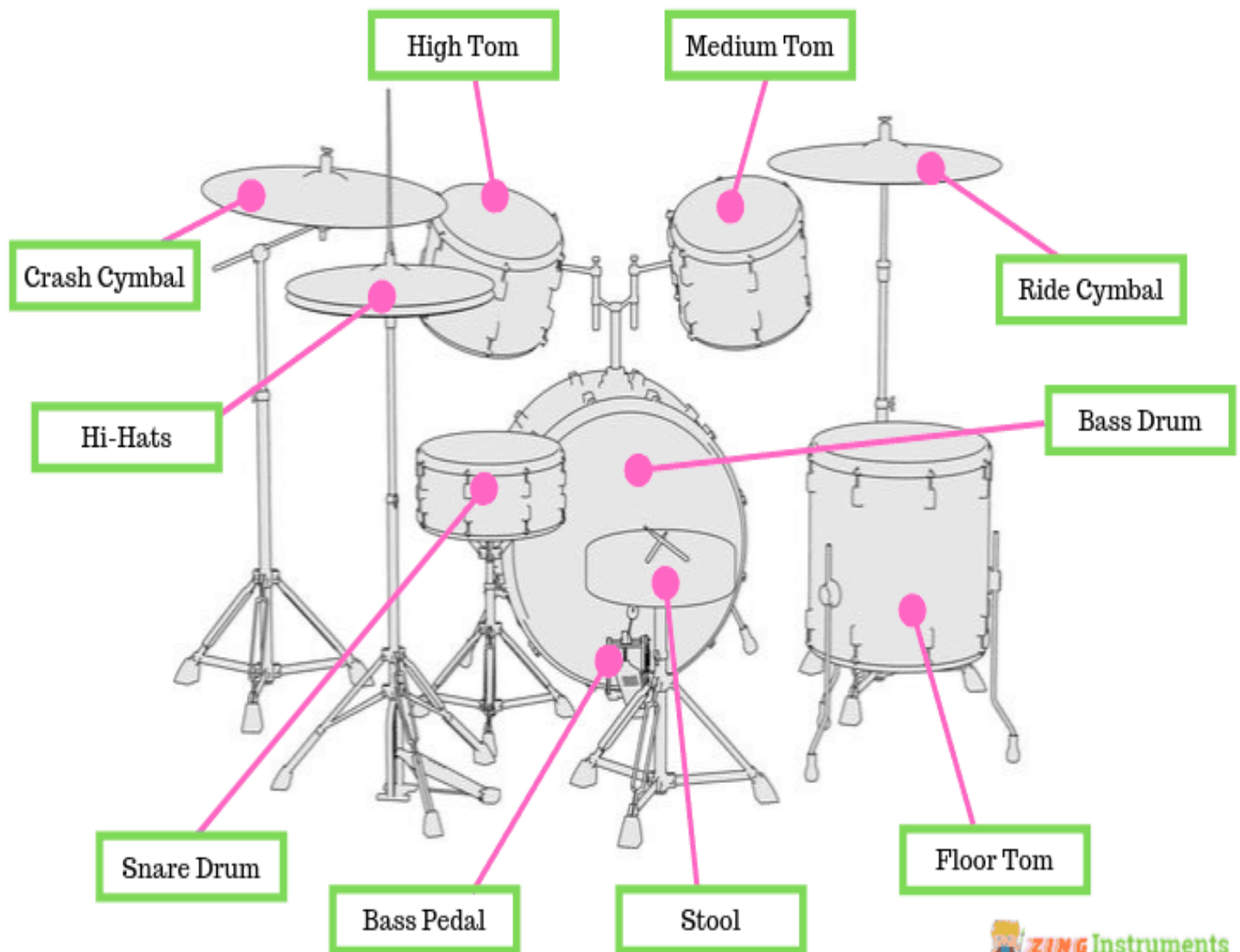
The Drum Stool/Throne : The Stool that you sit Known as Drum Stool/Throne

HI-HAT : A pair of cymbal which close against each other .

Snare Drum : It is the most important drums in the kit –it forms the centre of the kit

FOR REFERENCE CLICK THIS LINK : <https://zinginstruments.com/parts-of-a-drum-set/>

VIDEO : [https://www.youtube.com/watch?v=Wea\\_zXuLcPO](https://www.youtube.com/watch?v=Wea_zXuLcPO)



# **INSTRUMENTAL SYLLABUS FOR CLASS V**

JULY – AUGUST

**GUITAR :- PICK HANDLING AND 2/3/4 FRET EXERCISES**

This will include how to handle the pick while playing guitar and exercise on fret like 2 fret , 3 fret exercise etc.

FOR REFERENCE CLICK THE LINK : <https://www.youtube.com/watch?v=7Yn6IQ1GMRO>  
<https://www.youtube.com/watch?v=8-Btch1qpRY>



KEYBOARD :- C scale

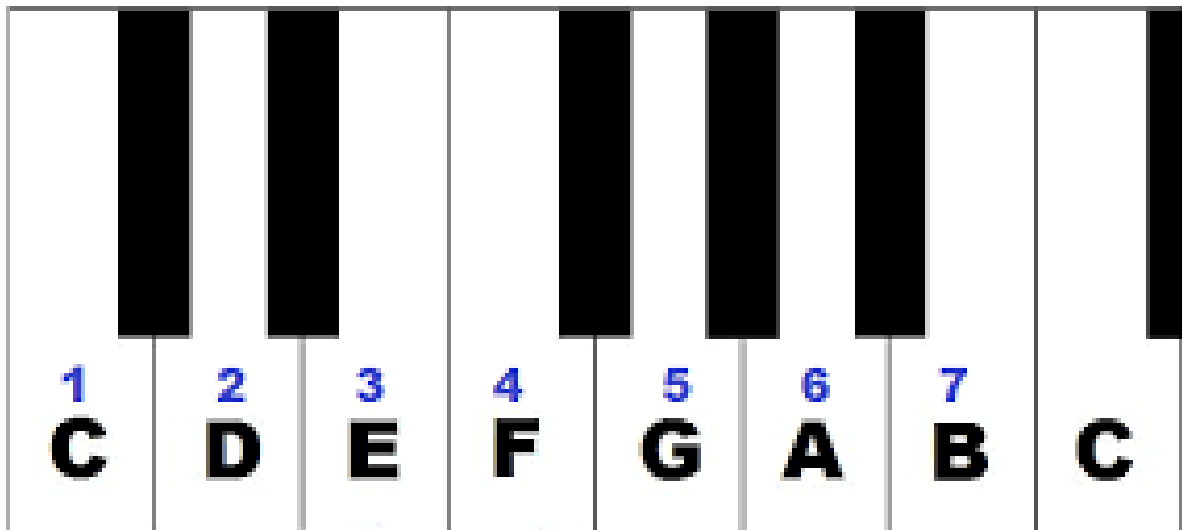
The C Major Scale is the first scale that we all learn on the piano.

The Student will learn C Major Scale with correct fingers .

FOR REFERENCE CLICK THE LINK : <https://www.sagemusic.co/piano-technique-playing-the-c-major-scale/>

VIDEO : <https://www.youtube.com/watch?v=0QBlq75LWck>

## C Major Scale



**DRUMS** :-HI-HAT PRACTICE

When opening you Hi –Hat in Grooves , it is important to develop a consistent open sound followed by a crisp closure . This is Known among drummers as Pea Soup , because of the phrase's nature .

FOR REFERENCE CLICK THE LINK : <https://www.youtube.com/watch?v=2rRgOR-FG38>  
<https://www.youtube.com/watch?v=A3EcYcG827I>





**INSTRUMENTAL SYLLABUS FOR CLASS- V**  
**SEPTEMBER – OCTOBER**

**GUITAR** :- Understanding the C scale

We have 6 strings on the Guitar

E Higher

A

D

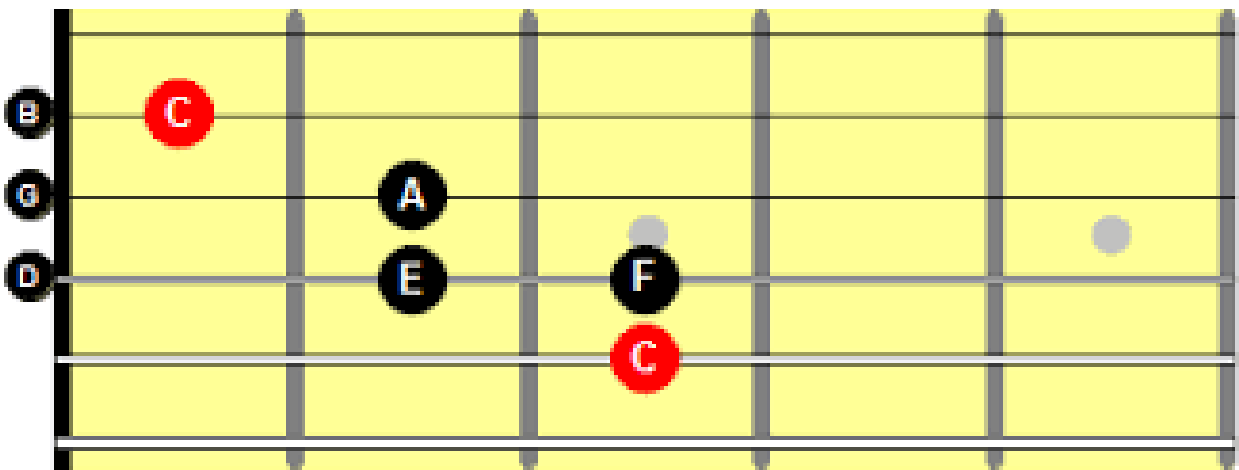
G

B

E Lower

FOR REFERENCE CLICK THE LINK : [https://www.youtube.com/watch?v=8ykeN4JC\\_O8](https://www.youtube.com/watch?v=8ykeN4JC_O8)

## C major



KEYBOARD :- FINGER EXERCISES ON C SCALE

It will include where student has to practice exercise in order to free their fingers .The exercises are also known as ALANKAR(Ornament) in Indian classical .

Some of the basic exercise include

CC ,DD,EE ,FF ,GG AA ,BB,

CDE,DEF ,EFG ,FGA ,GAB

CDEF ,DEFG ,FGAB

CDEFG ,DEGFAB

CDC ,DED ,EFE,FGF ...etc

FOR REFERENCE CLICK THE LINK : <https://www.youtube.com/watch?v=wYDNjmJDILw>



**DRUMS** :-SNARE EXERCISE AND CO-ORDINATION EXERCISE BETWEEN HI-HAT AND SNARE

It will include those exercise by which students will be able to command over it .

Some basic area where students have to look into that Hi-Hat is opening and closing accurately .

In the same way the stick should struck the middle of the Snare for better sound quality .

Moreover it is recommended that Student should practice the basic Exercises in Metronome so that they are able to develop the correct timing and accuracy .

FOR REFERENCE CLICK THE LINK : <https://www.youtube.com/watch?v=2rRgOR-FG38&t=26s>



**INSTRUMENTAL SYLLABUS FOR CLASS – V**

NOVEMBER – DECEMBER

**GUITAR:-** Chords of C scale and Strumming Pattern

In this Section , Students will learn the Basic chords of C scale on Guitar

The basic chord include

C Maj

F Maj

G Maj

A Min

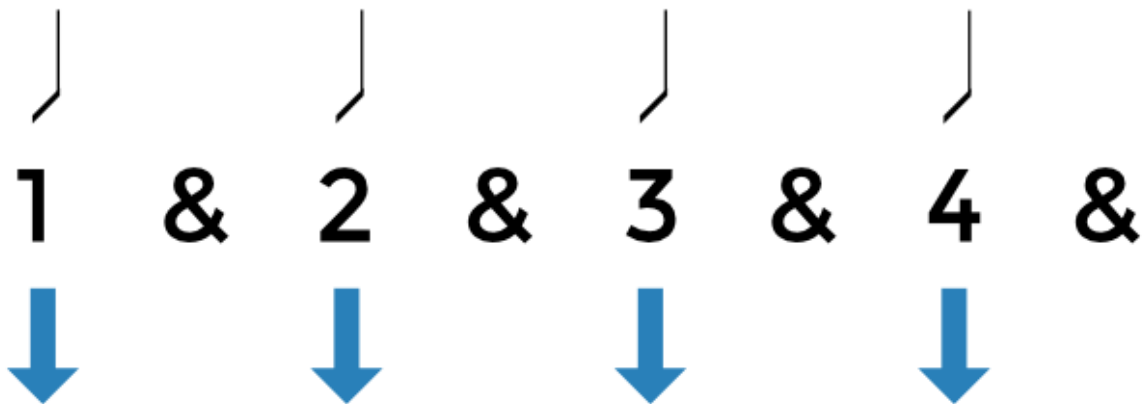
E Min

After Commanding the Chords and after they are able to change the chord within the timing, Student will learn the Basic Strumming Pattern that will based on 4 beat , 3 beat ,8 beat etc

FOR REFERENCE CLICK THE LINK :- <https://www.youtube.com/watch?v=rTMN8rCBWkw>

<https://www.youtube.com/watch?v=PsLekyPMBqY>

STRUMMING :- <https://www.youtube.com/watch?v=nHyfrVUELew>



**KEYBOARD**:-Songs on C scale

As there are many Scale in the Keyboard it is recommended that student will focus on C Scale.

C scale which is taught earlier, in this scale teacher will teach students the songs which may be Rhymes ,Full song or any of their composition .

The Notation should be given in C ,D ,,F,G,A,B, and it is mandatory that the finger should be correct

Some basic song are :-

- ODE TO JOY

-JINGLE BELLS

-WE WISH YOU A MERRY

-MARY BOY CHILD

FOR REFERENCE CLICK THE LINK : <https://www.youtube.com/watch?v=pqkoQTDoXPI>

LINK : <https://www.youtube.com/watch?v=UaUPdml1gDE>

LINK : <https://www.youtube.com/watch?v=ekOyA0G008k>





**DRUMS** :- Rhythm pattern based on 4 beat and 8 beat

In this Section , Students will practice the rhythm pattern which will be based on 4 beat and 8 beat .  
The most important points while practicing rhythm that the Hi –HAT should sound correctly moreover  
the Snare drum sound should come from the middle of the drum.  
Apart from these it is very important that all these rhythm should be practice in Metronome .

For reference please click the link : <https://www.youtube.com/watch?v=9BP7Sk4uFu0>  
: <https://www.youtube.com/watch?v=nt7re7wGzqc>

**INSTRUMENTAL SYLLABUS OF CLASS – V**

JANUARY - FEBRUARY

**GUITAR** :- Chords and Strumming of Songs

The basic chords have been taught earlier which include C Maj ,G Maj ,F Maj etc

In these section students will learn the chords of songs . It is very important that the chord should be correct and the student must be well versed in shifting chords and must know the Rhythm Section.

Point to remember that practicing should be done in Metronome .

FOR REFERENCE CLICK THE LINK : <https://www.youtube.com/watch?v=hgV6ICAnh1Q>

: <https://www.youtube.com/watch?v=FcyuPCthZUM>

: <https://www.youtube.com/watch?v=epwWMt3UOmw>

**KEYBOARD** :-Introduction of Rhythm and practice of songs in Rhythm

In these Section Students will interact with Rhythm . Rhythm section depends on Beat and there are different Rhythm pattern.

Beat means equal space between number and students must be able to show the beat by tapping the hands .

we have different rhythm section that is Indian Rhythm and Western Rhythm

Indian Rhythm include Dadra ,Kehrwa ,Jhaptaal etc

Western Rhythm include 4 beat , 8 beat , Waltz etc

FOR REFERNCE CLICK THE LINK : <https://www.youtube.com/watch?v=Utzyi4gfbDE>

: <https://www.youtube.com/watch?v=EORdPSRY5HQ>

**DRUMS** :- Jam pad

In these section , Student will practice Drums ,Keyboard and Guitar with each other .

A common song / Composition should be there where Keyboard student should know the composition  
Guitar student should know the strumming and chords and Drums student should know the Rhythm .

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