

**Annual Curriculum (2023-24)**

**GRADE - V**

**SUBJECT- ENGLISH**

**Book prescribed : Glitter A skill Based Course in Communicative English**

**English Grammar & Composition-Wren & Martin**

**Novel- Tales of Shakespeare**

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	<p><b>Ch-1</b> <b>Who will be Ningthou</b></p> <p><b>Poem-</b> <b>I have to write a poem</b></p>	<p><b>- By the end of the topic the student will be able to-</b></p> <ul style="list-style-type: none"> <li>- learn the qualities of a good leader</li> <li>-to sensitize students towards environment and duties of a responsible citizen.</li> <li>- Use of language that emerges from natural surroundings.</li> <li>- Sense of giving and sharing.</li> <li>-use of new words and phrases in own language.</li> <li>- pronounce words correctly and read with clear expressions.</li> <li>- understand the meaning of words and sentences of paragraphs.</li> </ul> <p>-Read the poem with proper stress and</p>	<p><b>-Marking of Manipur and nearby states of Manipur along with their food, culture and dresses.</b></p> <p><b>- Showing animated pictures/videos related to trees.</b></p>	<p><b>Comprehension Approach Method</b></p> <p><b>Communicative Language Teaching Method</b></p> <p><b>Preparation, Presentation &amp; Appreciation Process</b></p>	<p><b>-To make students aware</b> About the qualities of a good leader</p> <ul style="list-style-type: none"> <li>- To introduce new vocabulary.</li> <li>- To make students appreciate beauty of nature.</li> <li>- Use of language that emerges from natural surroundings.</li> <li>- Picture composition.</li> <li>- Sense of giving and sharing.</li> <li>-reading fluently with comprehension.</li> <li>-infers implied meaning</li> <li>-expresses ideas/opinions coherently in grammatically correct language.</li> <li>-describes the various characters in a story.</li> <li>-Understands and appreciates poetry as a literary art form.</li> <li>-Recognizes the rhythms, metrics and other musical aspects of poetry.</li> </ul>

	<p><b>My Brother, My Brother (For Reading Purpose only)</b></p> <p><b>Grammar Ch-1-5 Nouns</b></p> <p><b>Genders</b></p> <p><b>Notice writing</b></p> <p><b>Weekly Test</b></p>	<p>intonation. -Know about poet -State the central idea of the poem -Recite important lines of the poem -enjoy the poem and its vivid visual description.</p> <p><b>Open Book Test</b> To infer the content independently.</p> <p>-recall previous understanding on Nouns -discuss types of nouns and solve advanced exercises. -Identify and differentiate types- Proper, Common, Abstract &amp; Collective. - Classify and change the gender of nouns from immediate and extended environment (Masculine/Feminine. Neuter) -Recognize and identify the common gender used for both male and female.</p> <p>study and learn about importance of notice writing. - study and learn about the</p>	<p><b>Interactive Notebook Activity on Noun &amp; its types</b></p> <p><b>Flash Cards</b></p> <p><b>Sample Writing</b></p>	<p><b>Real life learning Application and applying methods(exercise)</b></p> <p><b>Product Based Approach and Process Based Approach</b></p>	<p>-Recalls nouns -recognizes &amp; identifies different types of nouns - solves advanced exercises based on Nouns &amp; its types.</p> <p>-understands the meaning of genders. - classifies and changes the gender of nouns from immediate and extended environment (Masculine/Feminine. Neuter) - Recognizes and identifies the common gender used for both male and female. <b>The learner now-</b> . -writes meaningful and coherent notices. -writes in a proper format and uses appropriate grammatical forms and punctuation</p>
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	<p><b>Pronouns</b></p> <p><b>Weekly Test</b></p>	<ul style="list-style-type: none"> <li>-define 'possessive noun'</li> <li>-demonstrate how to write a single and plural possessive noun</li> <li>-discern the difference between a plural and possessive noun</li> <li>-Use possessive nouns in sentences.</li> <li>-recall previous understanding on Pronouns</li> <li>-define and identify pronouns and its kinds.</li> </ul>	<p><b>Pronoun Flowers Activity</b></p>		
<p><b>July</b></p>	<p><b>Ch-4 Pandora's Box</b></p> <p>Novel - Hamlet</p> <p><b>Grammar (Ch-7-12)</b></p>	<ul style="list-style-type: none"> <li>-Learn to have hope in any situations</li> <li>-use new words and phrases in their own language.</li> <li>- pronounce words correctly and read with clear expressions.</li> <li>- understand the meaning of words and sentences of paragraphs.</li> <li>-develop interest in reading as a passion.</li> <li>- interpret, analyze, and evaluate what is read.</li> </ul>	<p><b>Suggest any five ways to make the world a beautiful place to live in.</b></p>	<p><b>Comprehension Approach Method</b></p> <p><b>Communicative Language Teaching Method</b></p> <p><b>Comprehension Approach Method</b></p> <p><b>Incidental Method</b></p>	<ul style="list-style-type: none"> <li>-understands the importance of having <b>hope</b></li> <li>-reads fluently with comprehension.</li> <li>-infers implied meaning</li> <li>-Expresses ideas/opinions coherently in grammatically correct language.</li> <li>-describes various characters in the story.</li> <li>-develops interest, interprets ,analyses&amp; evaluates the story.</li> <li>- Reads the novel with pleasure and interest</li> <li>- defines &amp; recognizes</li> </ul>

	<p><b>Pronouns &amp; its kinds</b></p> <p><b>Ch-13-17 Adjectives&amp; its Kinds</b></p> <p><b>Formal Letter Writing</b></p> <p><b>Weekly Test</b></p>	<ul style="list-style-type: none"> <li>-define and identify pronouns and its kinds.</li> <li>-differentiate between subject and object pronouns</li> <li>- identify singular and plural pronouns as well as first, second and third person pronouns.</li> <li>- use &amp; apply pronouns in different sentences.</li> <li>-solve advanced exercises based on pronouns.</li> <li>-explain the purpose and types of adjectives.</li> <li>-identify adjectives in text.</li> <li>-compose adjectives.</li> <li>- identify the various elements of letter writing.</li> <li>- identify situations that require informal business letter writing.</li> <li>- identify elements of a formal letter (block format)</li> </ul>	<p><b>Anchor Chart</b></p> <p><b>Describing your partner Activity</b></p> <p><b>Sample Writing Formal letter - Write a letter to School authorities (Principal, Class Teacher, Librarian, Sports Head)to request, complain or suggest.</b></p>	<p><b>Product Based Approach and Process Based Approach</b></p>	<p>pronouns and its kinds.</p> <ul style="list-style-type: none"> <li>- differentiates between subject and object pronouns.</li> <li>- applies pronouns in different sentences</li> <li>- solves advanced exercises based on pronouns.</li> <li>-incorporates newly learnt adjectives in writing and speaking.</li> <li>-recognizes &amp; explains Adjectives &amp; types correctly.</li> <li>-writes meaningful and coherent formal letters.</li> <li>-writes in proper format and uses appropriate grammatical forms.</li> </ul>
<p><b>August</b></p>	<p><b>Ch-Wisdom Seller</b></p>	<ul style="list-style-type: none"> <li>-Learn the miracle and apt use of wisdom</li> <li>-learn to how to use</li> </ul>	<p><b>Activity on Page no.79(course book)</b></p>	<p><b>Comprehension Approach Method</b></p>	<ul style="list-style-type: none"> <li>-the miracle of wisdom and how to use wisdom at the time of need.</li> </ul>

	<p><b>Grammar (Ch-20-24)</b></p> <p><b>Articles&amp; its kinds</b></p> <p><b>Verbs</b></p> <p><b>Weekly Test</b></p>	<p>wisdom at the time of need.</p> <ul style="list-style-type: none"> <li>-use new words and phrases in own language.</li> <li>- pronounce words correctly and read with clear expressions.</li> <li>- understand the meaning of words and sentences of paragraphs.</li> </ul> <p>- express learning in the form of answers of related questions</p> <p>- identify articles and use them correctly in a sentence.</p> <p>-recognize whether a verb is used transitively or intransitively in a sentence.</p> <p>- identify direct object of the transitive verb in a sentence.</p> <p>-</p>	<p><b>Article Game</b></p>	<p><b>Communicative Language Teaching Method</b></p> <p><b>Incidental Method</b></p>	<ul style="list-style-type: none"> <li>-reads fluently with comprehension.</li> <li>-infers implied meaning and Expresses ideas/opinions coherently in grammatically correct language.</li> <li>-describes various characters in a story.</li> </ul> <p>-Applies articles appropriately in sentences.</p> <p>-Uses them in forming the correct sentences.</p> <p>-Identifies the types of the verbs correctly.</p> <p>-uses transitive and intransitive verbs correctly.</p>
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September	Term -1 Exam	Revision	Revision	Revision	Revision
October	<p><b>Ch-9 Uncle Podger hangs a picture</b></p> <p><b>Ch-10 The day the river spoke</b></p> <p><b>A Dragon Called Tusnami (For Reading Purpose Only)</b></p> <p><b>Ch-30-35 Tenses</b></p> <p><b>Weekly Test</b></p>	<p>-Learn how to be systematic in your life. -use new words and phrases in their own language. - pronounce words correctly and read with clear expressions. - understand the meaning of words and sentences of paragraphs.</p> <p>-To learn the importance of education irrespective of gender -use new words and phrases in their own language. - pronounce words correctly and read with clear expressions. - understand the meaning of words and sentences of paragraphs.</p> <p>- define Present Tense - identify Present Tense &amp; its kinds in a sentence. - state the structure and form of Present Tense. - use Present Tense to make sentences. - define Past &amp; Future</p>	<p><b>Activity on page no. 113</b></p> <p><b>Find out when Right to Education became our fundamental right of every citizen</b></p> <p><b>My Daily Routine Display Calendar (Art &amp; Craft) Anchor Charts</b></p>	<p><b>Comprehension Approach Method Communicative Language Teaching Method</b></p> <p><b>Incidental Method</b></p>	<p>-becomes systematic in your life -reads fluently with comprehension. -infers implied meaning and Expresses ideas/opinions coherently in grammatically correct language. -describes various characters in the story.</p> <p>-how important is for everyone to have education. -reads fluently with comprehension. -infers implied meaning and Expresses ideas/opinions coherently in grammatically correct language. -describes the various characters in story.</p> <p>-Identifies Tenses correctly. -Uses while Writing sentences. -applies their structure and forms appropriately. -recognizes kinds of tenses correctly. -makes sentences with help of tenses.</p>

		<p>Tenses.</p> <ul style="list-style-type: none"> <li>- identify Tenses &amp; their kinds in given sentences.</li> <li>- state the structure and form of Past Tense &amp; Future Tense.</li> <li>- use tenses in sentences.</li> </ul>			
<b>November</b>	<p><b>Ch- 10</b> <b>The Wizard of Oz-1</b></p> <p><b>Poem- Abou Ben Adhem</b></p> <p><b>Ch-(37-40&amp;42)</b> <b>Adverbs</b></p>	<ul style="list-style-type: none"> <li>-to acknowledge the value of promise</li> <li>-</li> <li>-use new words and phrases in their own language.</li> <li>- pronounce words correctly and read with clear expressions.</li> <li>- understand the meaning of words and sentences of paragraphs.</li> <li>-Know more about the poet.</li> <li>-Read the poem with proper stress and intonation.</li> <li>-State the central idea of the poem</li> <li>-Recite important lines of the poem</li> <li>-enjoy the poem and its vivid visual description.</li> <li>- express learning in the form of answers of related questions</li> <li>-to state the definition of an adverb and tell which parts</li> </ul>	<b>Quiz</b>	<p><b>Comprehension Approach Method</b></p> <p><b>Communicative Language Teaching Method</b></p> <p><b>Preparation, Presentation &amp; Appreciation Process</b></p> <p><b>Incidental Method</b></p>	<ul style="list-style-type: none"> <li>to acknowledge the value of promise.</li> <li>-reads fluently with comprehension.</li> <li>-infers implied meaning</li> <li>-Expresses ideas/opinions coherently in grammatically correct language.</li> <li>-describes various characters in the story.</li> <li>-Understands and appreciates poetry as a literary art form.</li> <li>-speak about the poet and his work.</li> <li>-implement the new words in their day to day expressions.</li> <li>- express learning by answering the given questions.</li> <li>-connect with the poet's feelings</li> <li>-states the definition of an adverb and tells which parts of speech they modify.</li> <li>- recognizes adverbs and distinguish them from other parts of speech.</li> <li>- recognizes adverbs of time and adverbs of frequency.</li> <li>-uses prepositions effectively in given sentences.</li> <li>-categorizes prepositions</li> <li>-interprets given editing and</li> </ul>



	<p><b>Ch- 43&amp;44 Preposition</b></p> <p><b>Ch-45&amp;46 Conjunctions</b></p> <p><b>Creative Writing (Paragraph Writing /Picture Description and elaboration of a story with given clues.</b></p> <p><b>Weekly Test</b></p>	<p>of speech they modify. - to recognized verbs and distinguish them from other parts of speech. - to recognize adverbs of time and adverbs of frequency.</p> <p>-use prepositions effectively in given sentences. -categorize prepositions. -interpret given editing and omitting exercises for suitable application. -group prepositions accurately with the given verbs.</p> <p>-know about kinds of conjunctions. -apply conjunctions to join sentences. -differentiate the uses of one conjunction from another. -apply them in sentences correctly</p> <p>- apply a thinking routine- “Claim, Support, Elaboration” to develop a coherent and unified paragraph.</p>	<p><b>Preposition Games</b></p> <p><b>Conjunction Games</b></p> <p><b>Sample Writing (Format)</b></p>	<p><b>Product Based Approach and Process Based Approach</b></p>	<p>omitting exercises for suitable application. -groups prepositions accurately with given verbs.</p> <p>-knows about kinds of conjunctions. -applies conjunctions to join sentences. -differentiates the use of one conjunction from another. --applies correctly in sentences</p> <p>-writes meaningful and coherent paragraphs on given topic</p>
<b>December</b>	<b>Ch-12 The wizard of Oz-II</b>	<p>To critically think in a situation -use new words and</p>		<b>Comprehension Approach Method Communicative</b>	<p>-learned how to think critically in a situation with hope and wisdom -reads fluently with</p>

	<p><b>Ch-48-50</b></p> <p><b>Kinds Of Sentences Subject &amp; Predicate</b></p> <p><b>Novel-King lear</b></p> <p><b>Weekly Test</b></p>	<p>phrases in their own language.</p> <ul style="list-style-type: none"> <li>- pronounce words correctly and read with clear expressions.</li> <li>- understand the meaning of words and sentences of paragraphs.</li> </ul> <p>- understand the subject and predicate of a sentence as well as identify sentence fragments.</p> <ul style="list-style-type: none"> <li>- recognize its types and differentiate them correctly.</li> </ul> <p>-develop interest in reading as a passion.</p> <ul style="list-style-type: none"> <li>- interpret, analyze, and evaluate what they read.</li> </ul>	<p><b>Anchor Charts</b></p>	<p><b>Language Teaching Method</b></p> <p><b>Incidental Method</b></p> <p><b>Comprehension Approach Method</b></p>	<p>comprehension.</p> <ul style="list-style-type: none"> <li>-infers implied meaning</li> <li>-Expresses ideas/opinions coherently in grammatically correct language.</li> <li>-describes the various characters in story.</li> </ul> <p>-understands &amp; identifies subject &amp; predicate well, uses them in sentences also.</p> <ul style="list-style-type: none"> <li>- Recognizes and distinguishes different types of sentences.</li> </ul> <p>-develops interest, interprets ,analyses &amp; evaluates what they read</p> <ul style="list-style-type: none"> <li>- Reads the novel with pleasure and interest.</li> </ul>
<p><b>January</b></p>	<p><b>Ch- 50 Subject –Verb Agreement</b></p> <p><b>Informal Letter Writing</b></p> <p><b>Weekly Test</b></p>	<p>-identify and differentiate Subject &amp; Predicate.</p> <ul style="list-style-type: none"> <li>-To learn the mostcommon rules forsubject / verbagreement.</li> </ul> <p>- identify various elements of letter writing.</p> <ul style="list-style-type: none"> <li>- identify situations that require informal letter writing.</li> <li>- identify elements of an informal letter (block format).</li> </ul>	<p><b>Sample Writing (Informal Letter thanking or congratulating friends and relatives)</b></p>	<p><b>Product Based Approach and Process Based Approach</b></p>	<ul style="list-style-type: none"> <li>- identifies and differentiates Subject &amp; predicate.</li> <li>-applies the most common rule of S-V-O appropriately</li> <li>- uses Verb Agreement in the sentences correctly.</li> </ul> <p>--writes meaningful and coherent informal letters.</p> <ul style="list-style-type: none"> <li>-writes in proper format and uses appropriate grammatical forms.</li> </ul>
<p><b>February</b></p>	<p><b>REVISION FOR TERM II</b></p>	<p><b>REVISION FOR TERM II</b></p>	<p><b>REVISION FOR TERM II</b></p>	<p><b>REVISION FOR TERM II</b></p>	<p><b>REVISION FOR TERM II</b></p>

### **Term I Syllabus**

**Reading- Unseen passages (Passage, Poem)**

**Writing –Notice writing and Formal letter (Letter to Principal)**

**Grammar- Nouns, Pronouns, Adjectives and their kinds, Articles, Verbs (of Past, Present and Future), Be verbs , Transitive and Intransitive verb.**

**Literature- Ch-1.2.4.&6**

**Poem- I have to write a poem and Hug O' War.**

### **Term II Syllabus**

**Reading- Unseen passages (Passage, Poem)**

**Writing –Picture composition, Story writing through (pictures and clues) and Informal letter**

**Grammar- Tenses (Present, Past and Future) Adverbs and its kind, preposition, Conjunctions , Sentences and its kind**

**Literature- Ch-9,10,11&12**

**Poem- Abou Ben Adhem and Day by Day I float my paper boats.**



**Annual Curriculum (2023-24)**

**GRADE - V**

**SUBJECT- SCIENCE**

**Book prescribed : Millennium's Science**

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	Ch -1 Reproduction in Plants	<p>Students will be able to-</p> <p>illustrate the life cycle of a plant; its germination and reproduction.</p> <p>know stages of germination, dispersal of seeds and methods of seed dispersal.</p> <p>know modes of vegetative reproduction.</p> <p>know about types of crops and methods involved in a crop production.</p>	<ol style="list-style-type: none"> <li>1. Germination of a seed.</li> <li>2. Comparing monocot and dicot seeds</li> </ol>	<p>Teaching methods used will be – explanation and discussion, illustration and demonstration method, learning by doing method</p> <p>Digital tools like live worksheets will also be used in teaching learning process.</p>	<p>Students were able to-</p> <p>illustrate the life cycle of a plant; its germination and reproduction.</p> <p>know stages of germination, dispersal of seeds and methods of seed dispersal.</p> <p>know modes of vegetative reproduction.</p> <p>know about types of crops and methods involved in a crop production.</p>
May	Ch -2 Animals and their Lifestyle	<p>Students will be able to-</p> <p>understand adaptations of animals as per their habitats.</p> <p>understand modes of breathing in animals.</p> <p>know more about feeding habits in animals.</p> <p>know about movements in animals.</p> <p>know about migration in birds.</p> <p>know about hibernation in animals.</p>	<ol style="list-style-type: none"> <li>1. Crossword</li> <li>2. Find out name of animals with the help of given cues.</li> </ol>	<p>Teaching methods used will be – explanation and discussion, illustration and demonstration method, learning by doing method</p> <p>Digital tools like live worksheets will also be used in teaching learning process.</p>	<p>Students were able to-</p> <p>understand adaptations of animals as per their habitats.</p> <p>understand modes of breathing in animals.</p> <p>know more about feeding habits in animals.</p> <p>know about movements in animals.</p> <p>know about migration in birds.</p> <p>know about hibernation in animals.</p>



			<p>ns su ch as ; → Have you ever felt burning hot while touching a hot glass of milk or a bowl of soup? → What do you do in such cases? → Can you tell why do we react in such as manner?</p>		
<b>August</b>	Ch -5 Food and Health	<p>Students will be able to-</p> <p>know more about different food groups.</p> <p>know the importance of balanced diet, exercise, rest and sleep.</p> <p>know about diet deficiency (non communicable) diseases.</p> <p>know about the communicable diseases and their spread.</p> <p>know ways to prevent</p>	<ol style="list-style-type: none"> <li>To make any food which has all the nutrients in it without using fire.</li> <li>To tabulate different communicable and non communicable diseases with their causes.</li> </ol>	<p>Teaching methods used will be – explanation and discussion, illustration and demonstration method, learning by doing method</p> <p>Digital tools like live worksheets will also be used in teaching learning process.</p>	<p>Students were able to:</p> <p>know more about different food groups.</p> <p>know the importance of balanced diet, exercise, rest and sleep.</p> <p>know about diet deficiency (non communicable) diseases.</p> <p>know about the communicable diseases and their spread.</p> <p>know ways to prevent communicable diseases.</p>

	<p>Ch -6 Building Houses</p> <p>Ch -7 Living Safely</p>	<p>communicable diseases.</p> <p>Students will be able to:</p> <p>    know the various factors determining the construction of houses.</p> <p>    know essentialities of a good house.</p> <p>Students will be able to:</p> <p>    learn ways of keeping safe at home.</p> <p>    know how to treat electric shocks, burns, falls, cuts and wounds and poisonous substances.</p> <p>    learn ways of keeping safe on road.</p> <p>learn ways of giving first aid in cases of; fires, wounds, burns, animal bite, heat stroke, and sprains and fractures</p>	<p>1. Different types of house. <a href="https://youtu.be/sCrEqkdq-M">https://youtu.be/sCrEqkdq-M</a></p> <p>1. Poster</p>		<p>Students were able to:</p> <p>    know the various factors determining the construction of houses.</p> <p>    know essentialities of a good house.</p> <p>Students were able to:</p> <p>    learn ways of keeping safe at home.</p> <p>    know how to treat electric shocks, burns, falls, cuts and wounds and poisonous substances.</p> <p>    learn ways of keeping safe on road.</p> <p>learn ways of giving first aid in cases of; fires, wounds, burns, animal bite, heat stroke, and sprains and fractures</p>
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			making activity on road signs and places		
<b>September</b>	Revision and Half yearly exams	Students will be able to- Solve the quiz and work sheets given .		Teaching methods used will be – discussion and interaction.	Students were able to- Solve the quiz and work sheets given .
<b>October</b>	Ch -8 Saving Our Environment	Students will be able to:  explain the significance of each element of the environment.  explain the dependence of human on different components of the	1. Poster and slogan on save environment.	Teaching methods used will be – explanation and discussion, illustration and demonstration method, learning by doing method  Digital tools like live worksheets will also be used in teaching learning process.	Students were able to:  explain the significance of each element of the environment.  explain the dependence of human on different components of the environment.



	<p>Ch -9 Air and Water</p>	<p>environment.</p> <p>explain the cause and effect of air, water and land pollution.</p> <p>explain the significance of reduce, reuse and recycle.</p> <p>Students will be able to:</p> <p>know the major gases found in air and in what percentages</p> <p>understand that air is found everywhere</p> <p>know what kind of impurities are found in water: soluble and insoluble impurities</p> <p>understand how water is reached in our homes from source</p> <p>understand the various processes related to bringing water in our homes from source</p> <p>understand the need to purify water</p> <p>learn about the methods related to purification of water</p>	<ol style="list-style-type: none"> <li>1. 3- D model of layers of atmosphere</li> <li>2. Demonstration of properties of air and methods to purify water.</li> </ol>		<p>explain the cause and effect of air, water and land pollution.</p> <p>explain the significance of reduce, reuse and recycle.</p> <p>Students were able to:</p> <p>know the major gases found in air and in what percentages</p> <p>understand that air is found everywhere</p> <p>know what kind of impurities are found in water: soluble and insoluble impurities</p> <p>understand how water is reached in our homes from source</p> <p>understand the various processes related to bringing water in our homes from source</p> <p>understand the need to purify water</p> <p>learn about the methods related to purification of water</p>
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	<p>Ch -13 States of Matter</p> <p>Ch -15 The Moon</p>	<p>Earthquakes, Volcanoes, Tsunamis, Floods and droughts</p> <p>Students will be able to</p> <ul style="list-style-type: none"> <li>know what is matter and what is it made up of.</li> <li>know three states of matter.</li> <li>know about changing states of matter.</li> <li>know about physical and chemical changes.</li> <li>know about solubility of matter in water.</li> </ul> <p>Students will be able to-</p> <ul style="list-style-type: none"> <li>comprehend about different phases of the moon and its cause</li> <li>understand about eclipses- solar eclipse and lunar eclipse</li> </ul>	<ol style="list-style-type: none"> <li>1. Demonstration of particle arrangement in different states of matter</li> <li>2. Demonstration of physical and chemical change</li> <li>3. To check solubility of different substances in water.</li> </ol>	<p>Digital tools like live worksheets will also be used in teaching learning process.</p>	<p>Earthquakes, Volcanoes, Tsunamis, Floods and droughts</p> <p>Students were able to</p> <ul style="list-style-type: none"> <li>know what is matter and what is it made up of.</li> <li>know three states of matter.</li> <li>know about changing states of matter.</li> <li>know about physical and chemical changes.</li> <li>know about solubility of matter in water.</li> </ul> <p>Students were able to-</p> <ul style="list-style-type: none"> <li>comprehend about different phases of the moon and its cause</li> <li>understand about eclipses- solar eclipse and lunar eclipse</li> </ul>
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			1. Oreo Phases of moon activity .		
<b>January</b>	Ch -14 Force, Energy and Simple Machines	Students will be able to:  know more about force, its effects and types.  understand what work is.  know about energy and its forms.  know what are machines and types of simple machines.	1. Model of simple machines	Teaching methods used will be – explanation and discussion, illustration and demonstration method, learning by doing method  Digital tools like live worksheets will also be used in teaching learning process.	Students were able to:  know more about force, its effects and types.  understand what work is.  know about energy and its forms.  know what are machines and types of simple machines.
<b>February</b>	Revision for annual exams	Students will be able to- Solve the quiz and work sheets given .		Teaching methods used will be – discussion and interaction.	Students were able to- Solve the quiz and work sheets given .

Weekly Test1(CH -1 Reproduction in plants and CH -2 Animals and their lifestyles)

Weekly Test2 CH -3 Human body- Bones and Muscles and CH -4 Nervous system )

Half Yearly (CH-2, CH-3, CH-4, CH-5, CH-6, CH-7 )

Weekly Test 3 CH -8 Save our environment and CH- 9 Air and Water )

Weekly Test 4(CH -10 Rocks and minerals and CH -12 Natural calamities )

Annual Exam Syllabus. ( CH-9, CH-11, CH-12, CH-13, CH-14, ch-15)



**Annual Curriculum (2023-24)**

**GRADE - V**

**SUBJECT- MATHS**

**Book prescribed :**

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	Unit – 1 Roman Number	To write Hindu Arabic numeral into Roman numbers and vice versa.	To write a number in Roman numerals using its	They will be explained to write Hindu Arabic numbers into Roman numbers and	They will be able to write Hindu Arabic numbers into Roman numbers and vice versa.

			rules.	vice versa.	
<b>May</b>	<b>Unit – 2 Large Numbers</b>	<p>To read and write numbers beyond 9999 according to Indian and International place value system.</p> <p>To find the place value and face value of numbers.</p> <p>To compare numbers and arrange in ascending and descending order.</p> <p>To build numbers using a set of digits and find the predecessor and successor of a number.</p> <p>To write a number in expanded form.</p>	<b>To write given data in place value chart (Indian system &amp; International system), expanded form, place value, Greatest &amp; smallest number.</b>	<p>Students will be explained the concept of large numbers followed by the Indian and International place value system.</p> <p>They will be explained Place value, face value, comparing of numbers, expanded form, ascending, descending order, forming large numbers, successor &amp; predecessor of numbers.</p>	<p>Most of the students will be able to write large numbers according to Indian and International place value system.</p> <p>They will be able to find Place value, face value, successor &amp; predecessor of numbers and to compare numbers and write number in expanded form.</p> <p>They will be able to form numbers using the given digits and write numbers in ascending and descending order.</p>
	<b>Unit – 16 Data Handling</b>	<p>To understand the concept of Data.</p> <p>To Draw pictograph for the given data using pictures.</p> <p>To interpret bar graph, pictograph.</p> <p>To represent given data using bar graph.</p> <p>To construct Tally charts.</p>	<b>Art integrated activity of representing data through Bar graph and circle graph.</b>	<p>Concept of data will be re explained to students followed by the demonstration of construction of Tally Chart to students.</p> <p>Representation and Interpretation of circle graph will be explained to them.</p>	<p>Most of the students will be able to construct Tally Chart and represent &amp; interpret Circle graph.</p>
<b>July</b>	<b>Unit – 4 Factors and Multiples</b>	<p>To understand the concept of factors and prime &amp; composite numbers.</p> <p>To understand the use of common factors in real life.</p> <p>To understand the divisibility tests of 2,3,4,5,6,7,8,9,10 and 11.</p> <p>To understand prime factorization and calculate</p>	<b>Calculation of HCF and LCM using grid.</b>	<p>Concept of factors and prime &amp; composite numbers will be explained to students followed by the explanation of Method of finding common factors.</p> <p>Divisibility tests of 2,3,4,5,6,7,8,9,10 and 11 will be explained.</p> <p>An activity will be conducted</p>	<p>Most of the students will be able to recognize prime and composite numbers. They will be able to calculate HCF and use divisibility tests to test the divisibility of numbers without actual division.</p> <p>They will be able to calculate HCF by prime factorization method.</p>

		<p>HCF</p> <p>To understand the concept of multiples.</p> <p>To find common multiples of two/three given numbers.</p> <p>To calculate LCM of given numbers</p>		<p>to explain the Calculation of HCF.</p> <p>Concept of multiples will be explained to students followed by the collection of common multiples of two/three numbers.</p> <p>An activity will be conducted to explain the Calculation of LCM.</p>	<p>Most of the students will be able to find the multiples and common multiples of given numbers. They will be able to calculate LCM using prime factorization method.</p>
<b>August</b>	<b>Unit – 9 Percentage, Profit and Loss</b>	<p>To define percentage.</p> <p>To convert fraction and decimal into percentage and vice versa.</p> <p>To find percentage of given quantities and solve real life problems related to percentage. To understand the concept of cost price, selling price, profit and loss.</p>	<p><b>Collect the marks obtained by a student in all subjects and calculate his marks percentage.</b></p> <p><b>Role play related to buying and selling of items and calculation of profit and loss.</b></p>	<p>Students will be explained the concept of percentage followed by the conversion of fraction and decimal into percentage and vice versa. They will be explained the method to find the percentage of given numbers.</p> <p>explained the concepts of cost price, selling price, profit and loss.</p> <p>Method to calculate sums of cost price, selling price, profit and loss will be explained to them.</p>	<p>Most of the students will be able to convert fraction and decimal into percentage and vice versa.</p> <p>They will be able to find percentage of given quantities and solve real life problems related to percentage.</p> <p>Most of the students will be able to apply their knowledge to calculate sums of cost price, selling price, profit and loss.</p>
<b>September</b>	<b>Unit – 5 Fractions</b>	<p>To recall the concept of fractions followed by the understanding of different types of fractions.</p> <p>To convert Improper fraction in to mixed fraction and mixed fraction into improper fraction.</p> <p>To compare like and unlike fractions.</p> <p>To calculate sums of addition, subtraction, multiplication and division of like, unlike fractions and mixed fractions.</p>	<p><b>Fraction circle collage</b></p>	<p>Concept of fraction will be recalled by asking questions related to fraction.</p> <p>Different types of fractions will be explained to students.</p> <p>Method to convert Improper fraction into mixed and mixed into improper fraction will be explained.</p> <p>Criss cross method and LCM method will be explained to students to compare unlike fractions.</p> <p>Method of calculation of sums of fractions also explained in the class.</p>	<p>Students will be able relate the concept of fractions with real life and they will be able to understand different types of fractions.</p> <p>They will be able to convert the Improper fraction into mixed fraction and mixed into improper fraction.</p> <p>Students will be able to compare unlike fractions.</p> <p>Most of the students will be able to solve the sums of addition, subtraction, multiplication and division of fractions.</p>

<b>October</b>	<b>Unit – 10 Average</b>	To introduce the concept of average followed by calculating the average for the quantities of same units.	<b>Activity on average.</b>	Concept of average will be introduced in the class by relating with real life examples.	Most of the students will be able to relate to use of average in day to day life.
<b>November</b>	<b>Unit – 11 Time</b>	To convert units of time.  To add and subtract measures of time.  To find starting and finishing time.	<b>Draw clock and mention different times in the clock.</b>	Conversion of units of time will be explained to the students followed by the explanation of method of addition and subtraction of measures of time.	Students will be able to apply their knowledge to convert units of time, addition & subtraction of measures of time.
<b>December</b>	<b>Unit – 6 Decimals</b>	To introduce the concept of decimals followed by the reading, writing, place values, expanded form and conversion of decimal to fractions and fractions to decimal numbers.  To explain the concept of like and unlike decimals and to convert unlike decimals into like decimals and its comparison.  To calculate sums of addition and subtraction of decimals. To recall the concept of Decimals.  To calculate sums of multiplication and division of decimal numbers with 10,100 and other whole numbers/ decimal numbers.	<b>Art integrated activity of place value of decimal numbers</b>	Concept of decimals will be introduced in the class by relating with real life examples. Place value chart, place value, expanded form, reading, writing and conversion of decimals to fractions and fractions to decimals will be explained . Students will be explained the method to convert unlike decimals into like decimals to compare two or more decimal numbers. Method of addition and subtraction of decimal will be explained. Method of multiplication and division of decimal will be explained.	Most of the students will be able to relate use of decimals with their life. They will be able to write the place value and expanded form of decimal numbers and able to convert decimal into fraction as well as fraction to decimal.  Most of the students will be able to convert unlike decimals into like decimals and compare them. They will be able to apply the acquired knowledge to calculate the sums of addition and subtraction of decimal numbers. They will be able to apply the acquired knowledge to calculate the sums of multiplication and division of decimal numbers.
<b>January</b>	<b>Unit 7 - Estimation</b>	To understand the concept of rounding of numbers to the nearest 10,100 and	<b>Activity to learn the concept of estimating</b>	Students will be demonstrated the rounding of whole number and	Most of the students will be able to round off whole and decimal numbers.



		1000. To understand the concept of rounding of decimals to the nearest 10,100 and 1000. To understand the concept of rounding of decimal quotient to the nearest 10,100 and 1000.	<b>decimals.</b>	decimal number using real life situations.	
<b>February</b>	<b>Unit – 14 Perimeter and Area of rectilinear figures.</b>	To recall the concept of perimeter followed by the explanation of the method of solving the sums of Perimeter of square, rectangle and triangle. To recall the concept of Area of Rectangle and Square followed by the explanation of the method of solving the sums of Area of polygons. (Rectangle, and Square)	<b>Calculation of perimeter and area of table.</b>	Concept of perimeter will be explained to students by relating it with real life examples. An activity related to perimeter will be done. Concept of Area will be explained to students by relating it with real life examples. An activity related to area will be done in the class.	Students will be able to relate the concept of perimeter with real life and they will be able to calculate the sums of perimeter of polygons. Students will be able to relate the concept of area with real life and they will be able to calculate the area of polygons.
	<b>Unit – 15 Volume</b>	To understand the concept of volume followed by the calculation of volume of cube and cuboid.	<b>Calculation of volume of different solids.</b>	Concept of volume will be explained to the students using real life examples. The method to calculate the volume of cube and cuboid will be explained.	Students will be able to understand the concept of volume and they will be able to solve the sums of volume of cube and cuboid.
	<b>Unit – 8 Measurement</b>	To recall the concept of measurement and its units.  To Convert bigger units into smaller units and vice versa.  To calculate addition, subtraction, multiplication and division sums of different units of measurement.	<b>To prepare chart for conversion of different units of length, mass and capacity.</b>	Concept of measurement will be re explained to students followed by the explanation of conversion of different units of measurement.  Calculation of sums of different units of measurement will be demonstrated to the students.	Most of the students will be able to convert different units of measurement and apply their knowledge to calculate sums of addition, subtraction, multiplication and division.
	<b>Unit – 13 Geometry</b>	To understand basic terms	<b>Making different</b>	Students will be explained	Most of the students will be

		<p>of geometry like point, line, line segment and ray. To understand Parallel, Perpendicular and intersecting lines.</p> <p>To define angles and its types.</p> <p>To measure and construct angles using protractor.</p> <p>To define and name various types of polygons.</p> <p>To identify different types of Triangles</p> <p>To define, identify and name parts of a circle.</p> <p>To draw circle using Compass.</p>	<b>angles by paper folding.</b>	<p>different types of lines by relation them with real life examples.</p> <p>Types of angles will be explained using real examples in the class room. They will be demonstrated the measurement and construction of angles using Protractor.</p> <p>Properties of triangles will be explained to them.</p> <p>Construction of circle will be demonstrated along with the presentation of different parts on it.</p>	<p>able to understand and identify different types of lines, angles &amp; its types, properties of triangles. They will be able to construct angles using protractor and circle using compass.</p>
	<b>Unit – 12 Money</b>	<p>To understand the concept of money and its conversions. To convert rupees into paise and paise into rupees.</p> <p>To add, subtract, multiply and divide money.</p> <p>To solve real life problems related to money.</p> <p>To create and calculate bills.</p>	<b>Prepare a bill for the items given.</b>	<p>Students will be explained the conversion of rupees into paise and paise into rupees followed by the demonstration of sums of addition, subtraction, multiplication and division of sums of money related to real life situations.</p> <p>Students will be explained the method to create bills for the given information.</p>	<p>Most of the students will be able to convert rupees into paise and paise into rupees. They will be able to apply their knowledge to create bills for the given information.</p>
	<b>Unit – 6Decimals Unit – 8 Measurement Unit – 12 Money Unit -13 Geometry</b>	<p>To revise and prepare the following units for Annual examination.</p>		<p>Revision of Annual examination syllabus will be done in the classes. Tests will be conducted and</p>	<p>Most of the students will be able to apply the acquired knowledge in solving the sums</p>

	<b>Unit – 14</b> Perimeter and area of rectilinear figures. <b>Unit – 15</b> Volume			queries of students will be solved.	
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Weekly Test1 **Fractions, decimals, Large numbers, four basic operations**

Weekly Test2 **Unit 1,3**

Half Yearly – **Unit 2, 4, 5, 9, 10**

Weekly Test 3 **Unit 11, 6(exercise 6A)**

Weekly Test 4 **Unit 14, 15**

Annual Exam Syllabus. **Unit – 6, 7, 8, 12, 13, 14, 15**



**Annual Curriculum (2023-24)**  
**GRADE - V**  
**SUBJECT- SST**

**Book prescribed : My Wonderful Book of Social Studies**

**Publisher: Cordova**

<b>Month</b>	<b>Topic</b>	<b>Objectives</b>	<b>Art Integration/ Experiential learning</b>	<b>Methodology of teaching /Art of teaching</b>	<b>Learning Outcome</b>
<b>April</b>	<b>Ch-1 Maps and Globes</b>	1. To know the meaning of terms- Continent, Oceans, Globe and map. 2. To list the limitations of using a globe. 3. To categorize the types of map. 4. To subdivide the features of map. 5. To develop an		The chapter will be introduced by showing a picture of globe. Meaning of term globe, map, continent and oceans will be explained. Students will be asked to list the limitation of using a globe. Students will be interpreted the meaning of map by	Students will be able to know the meaning of term Globe. They will be able to list the limitations of using a globe. They will interpret the meaning of map and will also categorize the types of map. They will be able to subdivide the features of map and develop an understanding

	<p>Ch-2 Parallels and Meridians</p>	<p>understanding of how these features help to read a map.          6. To classify continents and Oceans according to size          7. To locate and identify continents and Oceans on world map.</p> <p>1. To know the meaning of term Latitude and Longitude.          2.To categorize the features of Latitude and Longitude          3. To differentiate between the both.          4. To elaborate the importance of a grid on a globe.          5. To create a grid on the map of India.</p>	<p>Art Integrated Activity- Important Parallels</p>	<p>showing a wall map. Pictures of different types of map will be shown and students will be asked to categorize them. After that, features used in a map will be subdivided with the help of web chart and map. Students will be asked to draw the diagram of direction and symbols used in a map. This activity will develop an understanding of how these features help to read a map. After that students will be asked to list all the continent and Oceans according to their sizes with the help of a world map. Then their important features will be categorized. YouTube videos will also be shown which will help to understand the topic better.  <b>Activity:</b> Maps and Diagrams</p> <p>The chapter will be introduced by showing a wall map. Meaning of terms Latitude and Longitude will be explained with the help of a globe. After that, features of Latitudes and Longitudes will be categorized by showing the diagrams. Students will be elaborated the importance of grid on a</p>	<p>Of how these features help to read a map. They will be able to list continents and Oceans according to size and features and identify their location on the world map.</p> <p>Students will be able to know the meaning of term Latitude and Longitude. They will be able to categorize the features of Latitude and Longitude. They will be able to elaborate the importance of a grid on a map and will create a grid on physical map of India.</p>
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	<p>Ch-21 Governing Ourselves</p>	<p>3. To understand the effects of these movements.  3. To differentiate between them.  4. To interpret the relation between these movements and the different seasons</p> <p>1. To recall the three levels of government in India.  2. To understand the meaning of term government.  3. To classify the governance of country at central and state level.  4. To explain the composition and functions of the two houses of the Parliament.  5. To interpret the process how Government is formed.  6. To subdivide the composition of Judiciary system of India.</p>	<p>Experiential Learning Activity: Election</p>	<p>Two types of earth's movement will be categorized and differentiate between them. The effects of rotation and revolution will be described with a small activity. Then the relationship between these movements and day and night and seasons will be interpreted. Audio visual material will be used to clear the concepts.  <b>Activity:</b> Diagrams, Activity using a torch and a globe.</p> <p>A few questions related to three levels of government in India will be asked to recall the previous knowledge. Meaning and formation of democratic form of government will be explained. They will be asked to classify the governance of country at central and state level. The composition and functions of LokSabha and RajyaSabha, will be explained. The process of the formation of government will be explained with the help of Election activity. Then composition of Judiciary system of India will be subdivided. Related videos will also be shown.</p>	<p>They will understand the effects of these movements and differentiate between them. They will interpret the relation between these movements and the different seasons.</p> <p>Students will be able to recall the three levels of government in India. They will understand the democratic form of government. They will be able to state the role of Central and the State Government. They will understand the composition and functions of the main organs of government.</p>
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				<b>Activity:</b> Diagrams	
<b>November</b>	Ch-17 Transport	<p>1. To understand the importance of transport.</p> <p>2. To categorize and elaborate the three types of transport.</p> <p>3. To interpret the meaning and importance of national highways, state highways, flyovers, Suez Canal and Panama Canal.</p> <p>5. To understand the development of the transport system over the ages and Appreciate its importance in our lives.</p>		<p>The meaning of term transport will be explained by asking few questions. The development and importance of transport system over the years will be discussed. Students will be asked to classify different types of transport.</p> <p>Images of metalled and unmetalled roads, metro trains, local trains, cargo ships, National highways etc. will be shown which would help to understand their meaning, features and uses in day to day life. The development in the field of transport system will be discussed. Students will appreciate the importance of railways, airways, roadways and waterways in our day to day life. Audio visual material will also be used.</p> <p><b>Activity:</b> Safety Signs</p>	<p>Students will be able to know the meaning of term transport. They will categorize the different types of transport and differentiate among them. They will interpret the meaning of national highways, state highways and flyovers, cargo ships, metro trains etc. and describe the development in the field of transport system over the ages and appreciate its importance.</p>
	Ch-11 Our Environment	<p>1. To understand the meaning of term environment.</p> <p>2. To segregate the two types of waste and differentiate between them.</p> <p>3. To subdivide the methods and importance of disposing waste.</p> <p>4. To explore and suggest ways for conserving environment by using the three R's- reduce, reuse and recycle.</p>	<p><b>Art Integrated Activity:</b> Create usable things using waste materials.</p>	<p>Students will be asked few questions to explain the meaning of environment. Students will be asked to list 10 items that are put in the dustbin in their house on any Sunday. After that their list will be discussed and meaning of term waste will be explained along with their sources.</p> <p>They will be asked to</p>	<p>Students will be able to understand the meaning of environment. They will be able to segregate two types of wastes and differentiate between them. They will be able to understand the system of waste disposal. They will be able to elaborate on three R's for a clean – p=;environment.</p>

				<p>segregate two types of waste (biodegradable and non-biodegradable wastes) at home and in surroundings. With the help of an activity students will learn to differentiate between them. Students will be asked to put two different types of dustbins for two different kinds of wastes and throw the wastes in them accordingly. Students will be explained the waste management, their methods and importance of proper disposing of waste. After this students will explore and suggest ways of conserving environment by using the three R's- reduce, recycle and reuse.</p>	
<b>December</b>	Ch-19 Struggle Towards Freedom	<p>1. To understand -How European traders came to India. How the British came to dominate trade with India.</p> <p>2. To describe the reasons of the formation of British rule in India.</p> <p>3. To explore the causes of the Revolt of 1857 and the reasons of its failure.</p> <p>4. To appreciate the contribution of social reformers towards the society.</p> <p>5. To interpret the origin and early activities of the Indian National Congress.</p>	Experiential Learning Activity: Role Play	<p>Chapter will be introduced by a small discussion about the freedom fighters of India and how Europeans came to India.</p> <p>They will be explained the reason of the formation of British rule in India by showing You Tube videos. Students will be asked to explore the causes of the revolt of 1857.</p> <p>The contribution of Raja Ram Mohan Roy as a social reformer will be explained by showing <b>an episode from Bharat Ek Khoj</b>. You tube video will also be shown related to Dyanand Saraswati, Swami Vivekanand and Ishwar Chandra Vidyasagar. They will be interpreted the</p>	<p>Students will be able to study that how European traders and the British came to dominate trade with India. They will be able to describe the reasons of the battles of Plassey and Buxar and the formation of British rule in India. They will be able to locate main centers of the revolt of 1857. They will be able to identify the people who emerged as freedom fighters. They will understand and appreciate the contribution of Social reformers towards society. Students will be able to interpret the origin and early activities of the Indian National Congress.</p>





				explore and suggest ways of conserving environment. <b>Activity:</b> Poster on types of pollution	
<b>February</b>	Ch-7 The Equatorial Region Ch-8 The Land of Sand Ch-9 The Land of Snow and Ice Ch-10 The Treeless Grasslands (Activity based)  <b>Revision for Annual Exams</b>		Presentation on the given topics		

### **Syllabus of Weekly Test 1**

Ch-1 Maps and Globes

Ch-2 Parallels and Meridians

### **Syllabus of Weekly Test 2**

Ch-3 Movements of the Earth

Ch-21 Governing Ourselves

### **Syllabus of Half Yearly**

Ch-1 Maps and Globes

Ch-3 Movements of the Earth

Ch-4 Major Landforms

Ch-15 Communicating Through Writing

Ch-18 They Make Us Proud

Ch-21 Governing Ourselves

### **Syllabus of Weekly Test 3**

Ch-5 Natural Resources

Ch-6 Weather and Climate

### **Syllabus of Weekly Test 4**

Ch-11 Our Environment

Ch-17 Transport

## **Annual Exam Syllabus**

Ch-11 Our Environment

Ch-12 Environmental Pollution

Ch-17 Transport

Ch-19 Struggle towards Freedom

Ch-20 India Wins Freedom

Ch-22 The United Nations

World Map- Done in Ch-1

**Annual Curriculum (2023-24)**
**GRADE - V**
**SUBJECT- GK**
**Book prescribed : QUIZCRAFT**

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	Amazing india	To make students aware about our india	Make a collage on our business conglomerates .	With Discussion	Students will know about our indian history .
May	The world and its people	To make students aware world .		With Discussion method .	Students will know about history of the world .
July	Plants and Animals	To make students aware plant and animals facts.	<b>Make a collage of largest animal</b>	Digital support	Students will know about different type of animals
August	Nature and science	TO make student aware about nature of science		With Discussion and Digital support	Students will learn medical speciality, metals .
September	Mathem-agic	To make aware how we solve math		<b>Digital support</b>	<b>Students will know Tricks and tips how to solve math .</b>
October	Entertai-nment	To make kids aware traditional art and musicians	<b>Make a poster of famous Legendary Singer</b>	With the help of news paper and digital support.	Students will learn lot of things like .
November	Sports	To make students aware about various sports events.		<b>With discussion /digital support</b>	<b>Students learn games of india</b>
December	Languag-e /Literatu-re	To make aware about our indian language /lit	Read any story and write review .	Reading book in library	<b>Increase a reading skill and vocabulary .</b>
January	Life skill	To make aware about good nutrition.		Discussion method	<b>Students learn how we take care of ourselves.</b>
February	More Quizcraft	Revision			



**Annual Curriculum (2023-24)**

**GRADE - V**

**SUBJECT-COMPUTER**

**Book prescribed : Edusoft IT Codewayz**

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
<b>April</b>	Chapter-1 MS Word: Planning the document	To Know how to set up page Size, orientation, and margins to create any poster or document.	Do the activity given on page no 16	Using demonstration in Computer Lab	Students will be able to design any poster, newsletter or resume documents using MS Word.
<b>May</b>	Chapter -2 MS Word Tools	To Learn About Editing and formatting the document using MS Word tools	Do the activity given on page no 28	Using demonstration in Computer Lab	Students will be able to perform editing and Formatting in the document or poster designed by them.
<b>July</b>	Chapter:3 PowerPoint Graphics	To Create presentations using Smart Art, Inserting tables, pictures, and charts on the slides.	Do the activity given on page 39	Using demonstration in Computer Lab	Students will be able to create presentations using different options of MS PowerPoint.
<b>August</b>	Chapter:4 MS Excel: Electronic Spreadsheet	To understand about the structure of Worksheet in Excel	Do the activity given on page 55	Using demonstration in Computer Lab	Students will be able to perform basic functions of MS Excel.
<b>September</b>	Exams & Revision				
<b>October</b>	Chapter:5 Working with MS Excel	To know how to perform various operations on data using MS Excel features.	Do the activity given on page 70	Using demonstration in Computer Lab	Students will be able to know how to organize their data using Excel features.
<b>November</b>	Chapter:6 Computers: Past, Present & Future	To know about the Generations of Computer	Prepare one timeline chart about computer inventions with interesting facts.	Using Demonstration in computer lab.	Students will be able to know the evolution of computers.
<b>December</b>	Chapter:7 Internet Browsing	To understand about the common features of browser and various search	Do the activity given on page 92.	Using Demonstration in Computer Lab.	Students will be able to Surf internet using browsers with different features.

	Chapter:8 Scratch-Variables and Decision Making	techniques related to it.  To understand about how to do block coding using Scratch.	Do the activity given on Page 104	Using Demonstration in Computer Lab.	Students will get familiar with Scratch Interface using how to add sprites, handle simple events & perform decision making.
<b>January</b>	Chapter:9 Animation basics with Tupi tube	To understand about how to create animations	Do activity given on Page 116	Using Demonstration in Computer Lab.	Students will be able to create an animation by applying scale tween and motion tween.
<b>February</b>	<b>Exams &amp; Revision</b>				

**Annual Curriculum (2023-24)**
**GRADE - V**
**SUBJECT- ART**
**Book prescribed : Art Plus**

Month	Topic	Objectives	Art Integration/ Experiential learning	Methodology of teaching /Art of teaching	Learning Outcome
April	Elements of Art	To develop the knowledge about elements of Art	Sketches and colour application	Demonstration through the sketches on the board	Students will be able to improvise their knowledge about elements of Art.
May	Forms and Shapes	To introduce with different forms and Shapes	Sketches and colour application	Demonstration through the sketches on the board	Students will be able to develop their sketching skills.
July	Colour	To improvise their knowledge about colours	Sketches and colour application	Demonstration through the sketches on the board	Students will be able to know about the importance of colours.
August	Texture	To connect with the feeling of texture	Sketches and colour application	Demonstration through the sketches on the board	Students will be able to understand the texture.
September	Composition	To develop the creative approach	Sketches and colour application	Demonstration through the sketches on the board	Students will be able to improvise their creative abilities.
October	Tools and techniques	To introduce with the tools and techniques of visual art	Sketches and colour application	Demonstration through the sketches on the board	Students will be able to understand about the tools and techniques.
November	Perspective	To develop the knowledge about perspective	Sketches and colour application	Demonstration through the sketches on the board	Students will be able to know about perspective in Art.
December	Craft activity –	To develop the creative approach	Cutting and pasting process	Demonstration through the creative project , step by step	Students will be able to improvise their creative abilities.
January	Craft Activity	To develop their creative skills	Cutting and pasting process	Demonstration through the Creative Activity	Students will be able to improvise their creative abilities.
February	Craft Activity	To develop their aesthetic and creative abilities	Cutting and pasting process	Demonstration through the creative activity	Students will be able to develop their creative skills.

