

# CURRICULUM PLAN - MATH

Subject	Math			
Month	Topic	Teaching method	Learning outcome	Art integration
April	<b>Introduction Lines and Pattern and number 1</b>  <b>Pre number concept -Big and Small and number 1</b>  <b>Shape :- Circle and Number 2</b>  <b>Number 3 and Colour -Red</b>	<p>The teacher will use interactive methods, including flashcards, posters, and hands-on activities, to introduce lines, patterns, numbers 1 to 3, circle shape, and the color red. Students will engage in drawing, coloring, and matching games to reinforce learning and develop foundational skills in a fun and engaging way.</p>	<p>Students will demonstrate understanding of lines, patterns, numbers 1 and 2, big and small shapes, the circle, and the color red. They will recognize and identify these concepts, developing fine motor skills and problem-solving abilities through interactive activities.</p>	<p>Lines &amp; Patterns (Math + Art)</p> <p>Activity: "Line Art Fun"</p> <p>Description: Children will draw standing, sleeping, and slanting lines using different colors to create a simple picture (e.g., a house, tree, or kite).</p> <p>Subjects: Math (Lines &amp; Patterns) + Art (Drawing &amp; Coloring)</p> <p>Objective: Develop fine motor skills and pattern recognition.</p>
May	<b>Pre number concept - Long and Short ,Number 4</b>  <b>Shape - Square and number 5</b>  <b>Colour - Yellow and number 6</b>  <b>Colour Blue - number 7</b>	<p>The teacher will introduce pre-number concepts, numbers 4 to 7, the square shape, and colors yellow and blue. Students will engage in hands-on activities, such as sorting, counting, and art projects, to reinforce learning. Visual aids and real-life objects will be used to promote interactive and engaging learning experiences.</p>	<p>Students will demonstrate understanding of long and short objects, numbers 4-7, the square shape, and colors yellow and blue. They'll recognize and identify these concepts, developing problem-solving skills, fine motor skills, and basic number and color recognition.</p>	<p>Rhyme &amp; Count (Counting + Rhymes)</p> <p>Activity: "1, 2, Buckle My Shoe"</p> <p>Description: Recite counting rhymes like "1, 2, Buckle My Shoe" and use hand gestures to count numbers.</p>
JULY	<b>Shape - Rectangle and number 8</b>  <b>Pre number concept -Heavy and Light, Number -9</b>	<p>The teacher will introduce the rectangle shape, numbers 8 and 9, and the pre number concept. Students will engage in hands-on activities, such as shape sorting, counting, and number patterns. The concept of heavy and light will be introduced using real-life objects, promoting interactive and engaging learning experiences.</p>	<p>Students will recognize and identify the rectangle shape, numbers 8 and 9, and understand the pre-number concept of heavy and light. They will develop problem-solving skills, fine motor skills, and basic number concepts through interactive activities and hands-on experiences.</p>	

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August	<b>Colour Green</b> <b>,Introduction Number - 10</b>  <b>Pre number concept - Near and Far</b>  <b>Shape :- Triangle and Counting 1 to 10</b>  <b>Count,Match and circle the correct no.,Missing no.</b>	The teacher will introduce number 10, reinforcing the pre-number concept. Students will explore near and far using real-life objects and movement activities. The triangle shape will be introduced, along with the color green. Counting 1 to 10 will be practiced through engaging activities, promoting interactive learning and math skills.	Students will demonstrate understanding of the color green, number 10, and pre-number concept of near and far. They will recognize and identify the triangle shape, count from one to ten, and develop problem-solving skills, fine motor skills, and basic number concepts through interactive activities.	Transport & Shapes (EVS + Math)  Activity: "Build a Vehicle" Description: Using cut-out shapes (circle wheels, rectangle body), students will assemble different vehicles. Subjects: EVS (Transport) + Math (Shapes) Objective: Recognize vehicles and their shape components.
September	<b>Counting 11 to 15</b>  <b>Colour - Orange and counting 11 to 15</b>  <b>Counting 16 to 20</b>  <b>After and before</b>	The teacher will introduce counting 11 to 15 and 16 to 20, using number lines and counting activities. The color orange will be introduced through color sorting and art projects. Students will also learn about the after and before concept, using number sequencing and real-life scenarios to promote interactive learning.	Students will demonstrate understanding of counting numbers 11 to 20, recognize and identify the color orange, and understand the after/before concept. They will develop problem-solving skills, number sense, and sequencing abilities through interactive activities and hands-on experiences.	
October	<b>Forward counting and missing counting 1 to 20.</b>  <b>counting 21 to 30</b>  <b>Colour - Pink and Missing counting 21 to 30</b>	The teacher will introduce forward counting 1 to 30, focusing on missing numbers 1 to 30. Students will engage in forward counting activities and identify missing numbers in sequences. The color pink will be introduced through color sorting and art projects, promoting interactive learning and engagement.	Students will demonstrate understanding of forward counting and missing counting numbers 1 to 30, and recognize and identify the color pink. They will develop problem-solving skills, number sense, and sequencing abilities through interactive activities and hands-on experiences.	

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November	<b>Counting - 31 to 40</b> <b>Missing counting 1 to 40</b> <b>colour -Purple and Before and After</b> <b>Counting 41 to 50</b> <b>Circle the incorrect no. and Missing counting</b>	The teacher will introduce counting 31-50 and missing counting 1-50. Students will learn the color purple through color sorting and art projects. The before and after concept will be reinforced using number sequencing and real-life scenarios, promoting interactive learning and engagement in math and color recognition skills.	Students will demonstrate understanding of counting numbers 31 to 50, missing counting numbers 31 to 50, and recognize and identify the color purple. They will also understand the concept of after and before numbers, developing problem-solving skills, number sense, and sequencing abilities.	Counting & Food (Math + Science) Activity: "Count and Sort Fruits" Description: Provide different fruits and ask students to count and sort them by color or type. Subjects: Math (Counting) + Science (Healthy Eating & Classification) Objective: Improve counting skills and understand food diversity.
December	<b>Colour - Brown</b> <b>What comes after and before</b> <b>Count &amp; write , what comes after and before</b>	The teacher will introduce the color brown through color sorting and art projects. Students will learn the concept of what comes after and before using number sequencing and real-life scenarios. Counting and writing activities will reinforce number recognition and literacy skills, promoting interactive learning and engagement.	Students will recognize and identify the color brown, demonstrate understanding of "what comes after and before" concepts, and develop counting and writing skills through interactive activities and hands-on experiences.	Christmas & Counting (Math + Art) Activity: "Decorate the Christmas Tree" Description: Children will count and stick a specific number of decorations (stars, bells, gifts) on a cut-out Christmas tree. Subjects: Math (Counting) + Art (Decorating & Craft) Objective: Reinforce counting skills with a fun holiday activity.

January	<p><b>Missing counting 1 to 50.</b></p> <p><b>Revision of forward counting 1 to 50.</b></p> <p><b>Revision of count and match , Missing counting 1 to 50.</b></p>	<p>The teacher will revise forward counting 1 to 50, count and match, and missing counting 1 to 50. Students will engage in guided and independent practice exercises to fill in missing numbers, receiving feedback and encouragement to reinforce learning and build confidence in math skills.</p>	<p>Students will demonstrate mastery of missing counting numbers 1-50, reinforce proficiency in counting numbers 1-50, and solidify understanding of count and match concepts through revision activities, ensuring retention and fluency of foundational math skills.</p>	<p>Counting with Fruits (Math + Science)</p> <p>Activity: "Fruit Salad Counting"</p> <p>Description: Students will count and sort different fruits (e.g., 3 apples, 4 bananas) before making a fruit salad.</p> <p>Subjects: Math (Counting) + Science (Healthy Eating)</p> <p>Objective: Improve counting skills and understand nutrition.</p>
February				