

Mathematics
Class-3
(March 2021 to May 2021)

Month	Name of the Textbook	Name of the Chapter	Learning Outcomes	Suggested Pedagogical Process
<i>March</i>	Math-Magic	Give and Take	304 Student can add and subtract three digit numbers in different ways with carry over and carry back Understanding of addition and subtraction the numbers by regrouping and without regrouping. Understanding of addition and subtraction using standard and non standard methods. Understanding of solving the questions of addition and subtraction in different ways using pictures and stories, word problems	Teacher discuss with students understanding of addition with the help of pictures and numbers. Understanding of how many altogether. Understanding of take away. Understanding of subtraction and matching the numbers. Then Understanding of addition and subtraction using standard and non standard methods.
	Math-Magic	Shapes and Designs	308 Students can identify 2D shapes with their names (triangle, square, rectangle, circle) and recognize their features like arms, corners, angles etc Understanding of recognizing 2D shapes. Understanding of making different shapes using TANGRAM. Understanding of small/Big shapes by counting the number of squares in a given shape. Understanding of matching the properties of 2D shapes by observing their sides, corners & edges. Understanding of making patterns on given areas like roof of a room, floor, wall etc. by using tiles. Ability to recognize the given tile patterns of different shapes.	Teacher discuss with students understanding of recognizing 2D shapes. Understanding of making different shapes using five pieces or seven pieces TANGRAM. Teacher provides the teaching learning material and develop TANGRAM by cutting the scissors develop geometrical figures and some other pictures given in text books.

	Math-Magic	Fun with Give and Take	<p>305 Students can solve simple daily life problems related to addition and subtraction with single operation at a time</p> <p>Understanding of addition and subtraction the numbers by writing them vertically by regrouping and without regrouping. Understanding of solving the questions of addition and subtraction in different ways by using pictures and stories.</p>	<p>Teacher discuss with students understanding of addition and subtraction the numbers by writing them vertically by regrouping and without regrouping. Understanding of solving the questions of addition and subtraction in different ways by using pictures and stories.</p>
April	Math-Magic	How many times?	<p>314 Students can add and subtract small amounts of money and solve simple one line daily problems related to money</p> <p>Understanding of meaning of multiplication by repeated addition. Understanding of recognizing the symbol of multiplication using the multiplication facts in different ways. Understanding of guessing the answer and verifying them by calculation.</p> <p>Understanding of writing multiplication patterns.</p> <p>Understanding of multiplying two digit numbers by one and two digit numbers by using Letis method by carry over and without carry over. Understanding of oral multiplication of one digit number by one digit number. Understanding of solving word problems by multiplying two digit numbers by one digit number. Understanding of writing tables from 2 to 10.</p>	<p>Teacher discuss with students Understanding of recognizing the symbol of multiplication using the multiplication facts in different ways. Understanding of guessing the answer and verifying them by calculation. Understanding of writing multiplication patterns.</p>

	Math-Magic	Play with Patterns	<p>302 Students can recognise and expand simple repeated and non-repeated patterns with semi abstract (pictures etc.) and abstract symbols (numbers etc.) Understanding the given pattern of designs, shapes and numbers. Understanding the growing patterns. Understanding of finding the hidden message. Able to recognize even and odd numbers. Understanding the pattern of even and odd numbers.</p>	<p>Teacher discuss with students Understanding the given pattern of designs, shapes and numbers. Understanding the growing patterns.</p>
	Math-Magic	Smart Chart	<p>313 Students can use tally marking to record data, interpret pictorial representation and can draw simple inferences e.g., which is more, which is less</p>	<p>Teacher helps the students and assemble surrounding societies that able to present the data collected by measuring or by any other method. Able to get information from available data</p>
May	Math-Magic	Rupees & Paise	<p>314 Students can add and subtract small amounts of money and solve simple one line daily problems related to money.</p>	<p>Teacher taking some amount in self pocket some notes and some coins and discuss with children understanding of using notes and coins to show different amounts of money. Ability of adding and subtracting the different amounts of money by writing them column wise. Ability of making a receipt (cash memo) for the things purchased. Able to solve word problems.</p>

		Can You See The Pattern?	501 Students can identify and expand given complex patterns of semi-abstract symbols and abstract symbols (numbers)	Teacher helps the students and discuss some windows, Doors and wall boundary how they have some same patterns so that use the students understanding of pattern based on shapes, words and numbers.
		Boxes and Sketches	Understanding of 3D objects. Understanding of making a box. Understanding of making cubes and cuboids.	Teacher provides the students for understanding of 3D objects. Understanding of making a box. Understanding of making cubes and cuboids.
April	Math-Magic Math-Magic	Area and Its Boundary	503 Students can solve daily life problems of area with and without grid and with repeated addition of rectangular shapes 504 Students can solve daily life problems of perimeter with repeated addition of rectangular shapes 513 Students can apply either multiplication or division to solve daily life problems	Teacher helps the students and give some examples surrounding societies and explain understanding of finding the area. Understanding of finding the parameter.
		Smart Charts	511 Students can record, interpret and represent data using tally marks, bar graph (without scale) and tabulation	Teacher helps the students to collect the different data for understanding of tally marks Understanding of collecting the data and representing them.

		Ways to Multiply and Divide	513 Students can apply either multiplication or division to solve daily life problems.	Teacher helps the students for understanding of multiplication of a given number by 1, 2 and 3 digit numbers. Understanding of solving the word problems. Understanding of division of a given number by 1 and 2 digit numbers.
<i>May</i>		How Big? How Heavy?	514 Students can solve daily life simple problems related to volume, length and weight.	Teacher helps the students and provide some pots to find the different types of liquids for understanding of comparison of volumes of different solids. Understanding of a big-small and light-heavy. Understanding of conversion of one unit into another.
			Revision & Annual Assessment	