

Syllabus for session 2023-24					
Class : 5					
Subject-Maths					
Sr. No	Chapter No.	Name of the chapter	Learning Outcomes	Mapping with Class 4	Suggested Activities/Worksheets
<b>Term-I</b>					
1	2	Shapes and angles	1. Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing. 2. Identifies 2D shapes from the immediate environment that have rotation and reflection symmetry like alphabet and shapes. 3. Makes cube, cylinder and cone using nets designed for this purpose.	N/A	Making and measuring different angles by folding paper. Making different geometric shapes with the help of matchsticks and measuring their angles.
2	4	Parts and whole	1. Finds the number corresponding to part of a collection. 2. Identifies and forms equivalent fractions of a given fraction.	Ch-9 Quarters and Halves	Showing whole part and fractional part by using paper folding. Playing games like cake cutting with cutouts of fractions.
3	6	Be my multiple, I will be your factor	1. performs four basic arithmetic operations on numbers beyond 1000 by understanding of place value of numbers. 2. Estimates Sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation. (For example, to divide 9450 by 25, divide 9000 by 25, 400 by 25, and finally 50 by 25 and gets the answer by adding all these quotients)	Ch-11 Tables and Shares	Classifying the objects as per their shapes
4	7	Can you see the pattern?	1. Identifies the pattern in triangular number and square number. 2. Identifies 2D shapes from the immediate environment that have rotation and reflection symmetry like alphabet	Ch-10 Play with Patterns	Find out the pattern in the given series. Finding out different pattern series.

			and shapes.		
<b>Term-II</b>					
5	9	Boxes and Sketches	Can make net pattern of cylinder, cube and cuboid & can differentiate between their capacities using a non-standardized fixed capacity container like bottle/bowl etc.	N/A	Making Net patterns of the objects present around us
6	10	Tenths and Hundredths	Applied the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals.	Ch-2 Long and Short	Dividing the students of the class in Tents part
7	11	Area and its boundary	1. Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa.	Ch-13 Fields and Fences	Finding out Perimeter with the help of a thread. Measuring the length and breadth of objects around you and finding area and perimeter of them. Finding out perimeter of classroom, garden, playground etc.
8	13	Ways to multiply and divide	1. performs four basic arithmetic operations on numbers beyond 1000 by understanding of place value of numbers. 2. estimates Sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation. (For example, to divide 9450 by 25, divide 9000 by 25, 400 by 25, and finally 50 by 25 and gets the answer by adding all these quotients) 3. Divides a given number by another number using standard algorithms.	Ch-11 Tables and Shares	Practice of verbal counting by mock shopping. Giving situation to children for formation of questions on Multiplication and division.
9	14	How Big? How Heavy?	1. Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa. 2. Applies the four fundamental arithmetic operations in solving problems involving money, length, mass, capacity and time intervals.	Ch-12 How Heavy? How Light?	Measuring the Volume of a Match box. Making a list of grocery used in house and measuring their weight.

**Rationalization**

<b>Sr. No</b>	<b>Chapter No.</b>	<b>Name of the chapter</b>	<b>Remarks</b>
1	1	The Fish Tale	It is only for revision purpose, already covered in class 3 & 4
2	3	How many squares?	<i>Covered in Ch-11 (Area &amp; its Boundary)</i>
3	5	Does it look the same?	Covered in Ch- 7 Canyou see the Pattern?
4	8	Mapping Your Way	Doesn't cover any LO
5	12	Smart Charts	Already covered in class 3 & 4