

Syllabus for Academic Session 2024-25

Class : 5

Subject-Mathematics

Sr. No	Chapter No.	Name of the chapter	Learning Outcomes	Mapping with Class 4	Suggested Activities/Worksheets	Suggested Content Enriched Worksheets
Term-I						
1	1	The Fish tale	<ol style="list-style-type: none"> 1. Reads and writes numbers bigger than 1000 being used in the surroundings and performs four basic arithmetic operations on them. 2. Differentiates between the place value of digits in different numbers. Can write expanded form in terms of place value 	Ch-3 A trip to Bhopal	Write examples of some daily life situations where we use numbers greater than 1000. Practice of verbal counting by Mock shopping.	Worksheets no. 2 & 4 of My Integrated Workbook 'Manthan'
2	2	Shapes and angles	<ol style="list-style-type: none"> 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. 	Ch-1 Building with bricks	<p>Make and measure different angles by folding paper.</p> <p>Make different geometric shapes with the help of matchsticks and measuring their angles.</p>	
3	4	Parts and whole	<p>Finds the number corresponding to the part of a collection.</p> <p>Identifies and forms equivalent fractions of a given fraction.</p>	Ch-9 Halves and Quarters	Show whole part and fractional part by using paper folding. Play games like cake cutting with cutouts of fractions.	
4	6	Be my multiple, I will be your factor	<ol style="list-style-type: none"> 1. Understands the concept of Factors and Multiples. 2. Explores the relationship between factors and multiples of a number. 	Ch-11 Tables and Shares	<p>Draw a factor tree for 18 and 45.</p> <p>Play the dice game for multiples and factors. (Page number – 90 of textbook)</p>	
5	7	Can you see the pattern?	<ol style="list-style-type: none"> 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 and shapes. 	Ch-10 Play with Patterns	Find out the pattern in the given series.	

THE ABOVE-MENTIONED SYLLABUS ALONG WITH REVISION MUST BE COMPLETED BEFORE MID TERM EXAMINATION.

Term-II					
6	9	Boxes and Sketches	Makes 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
7	10	Tenths and Hundredths	Understands the concept of Decimal and applies the four fundamental arithmetic operations in solving problems involving decimals.	Ch-2 Long and Short	Dividing the number students of the class in Tenth part
8	11	Area and its boundary	Explores the area and perimeter of different regular and irregular shapes in square units.	Ch-13 Fields and Fences	Finding out Perimeter of regular and irregular shapes with the help of a thread. Measuring the length and breadth of objects around you and finding their area and perimeter. Finding out perimeter of classroom, garden, playground etc.
9	13	Ways to multiply and divide	1. Performs four basic arithmetic operations on numbers beyond 1000 by understanding of place value of numbers. 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) 2. Divides a given number by another number using standard algorithms.	Ch-11 Tables and Shares	Practice of verbal counting by mock shopping. Give situation to children for formation of questions on Multiplication and division.
10	14	How Big? How Heavy?	1. Relates 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?	Measure the Volume of a Match box. Make a list of grocery used in house and measuring their weight.

Worksheets no. 9, 10 & 20 of My Integrated Workbook 'Manthan'

THE ABOVE-MENTIONED SYLLABUS MUST BE COMPLETED BY 31ST JANUARY 2025. REVISE THE SYLLABUS BEFORE ANNUAL EXAMINATION.