BHARATIYA VIDYA BHAVAN , KOCHI KENDRA

YEAR PLAN FOR THE ACADEMIC YEAR 2026-27

CLASS V
MATHEMATICS

MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	1. WE THE TRAVELLERS-I	• Large numbers (Upto 11akh) • Place & Place Value • Expanded Form • Nearest 10s, 100s and 1000s • Comparison and Ordering	* Place Value of Large Numbers – Understanding how the position of a digit changes its value in large numbers. * Reading and Writing 5–7 Digit Numbers – Learning to express large numbers correctly in numerals and words using the Indian place value system. * Expanded Form – Breaking numbers into place value parts and rewriting them in compact form. * Comparing and Ordering Numbers – Identifying greater and smaller numbers and arranging them in ascending or descending order. * Rounding Off to nearest 10s, 100s and 1000s.
	2. FRACTIONS	• Equivalent fractions • Making equivalent fractions • Comparing fractions • Fractions greater than 1 • Fractions on number line • Comparing fractions with reference to 1 and ½	* Equivalent Fractions – Understanding that different fractions can represent the same quantity even though their numerators and denominators are different. * Comparing Fractions – Identifying whether one fraction is greater than, smaller than, or equal to another fraction. * Proper Fractions – Fractions in which the numerator is smaller than the denominator, so the value of the fraction is less than 1. * Improper Fractions – Fractions in which the numerator is greater than or equal to the denominator, making the value equal to or greater than 1. * Mixed Fractions (Mixed Numbers) – Numbers consisting of a whole number and a proper fraction written together. * Fractions on Number Line – Representing fractions as points on a number line to understand their position visually.
JULY	2.FRACTIONS (Contd.)		
	3.ANGLES AS TURNS	• Angle as a Turn • Types of Angles • Angles in Daily Life • Angles and Fractions • Measurement of angles • Directions	• Understanding an angle through movement or rotation. • Types of Turns- Quarter turn,Half turn,Three-quarter turn,Full turn • Identifying angles in objects like clocks, doors, fans, wheels, etc. • Types of Angles-Acute angle,Right angle,Obtuse angle,Straight angle • Angles and Fractions - Relating turns to fractions such as ¼, ½, ¾ • Measurement of Angles (Informal Understanding) Estimating and observing angles through activities and body movements.

			• Spatial Understanding and Clockwise and Anti-clockwise Turns -Direction of movement and rotation.Understanding position, movement and orientation through turns.
MID TERM EVALUATION -I (27/7/2026 to 3/8/2026) Chapters 1 & 2			
AUGUST	3. ANGLES AS TURNS (Contd.)		
	10. SYMMETRICAL DESIGNS	• Introduction to Symmetry • Different types of Symmetry • Symmetry in real life	• Meaning of symmetry, balanced shapes, equal halves • Vertical, horizontal, and multiple lines of symmetry • Identifying symmetrical letters, vertical and horizontal symmetry in letters • Quarter turn (1/4), half turn (1/2), three-fourth turn (3/4), full turn • Reflection and Rotational Symmetry Together • Traditional Art and Symmetry
SEPTEMBER	4. WE THE TRAVELLERS-II	• Addition and Subtraction of large numbers • Relationship between addition and subtraction • Even and Odd numbers	• Addition and Subtraction of Large Numbers – Performing operations with large numbers accurately using place value understanding. • Identifying numbers as even or odd. • Applying mathematical operations to solve real-life situations.
	15. DATA THROUGH PICTURES	• Pictograph • Bar-Graph	• Understanding pictographs as a way of representing data using pictures or symbols. • Reading and Interpreting pictographs • Bar Graphs • Reading and drawing simple bar graphs
TERM END EVALUATION- I (28/09/2026- 09/10/2026) Chapter 3, 4, 10 &15			

OCTOBER	5. FAR AND NEAR	• Different units of measurement of length. • Relationship between different units • Conversion of units • Adding and Subtracting lengths • Multiplying & Dividing lengths (Word Problems)	• Understanding standard units used to measure length and distance such as millimetre, centimetre, metre, and kilometre. • Learning how measurement units are connected and how smaller units combine to form larger units. • Performing addition and subtraction with measurements involving the same or different units. • Changing measurements from one unit to another using multiplication or division.
	14. MAPS AND LOCATIONS (Textbook work only - Not for exam)	• Maps and their uses • Directions – North, South, East, West • Routes and directions • Real-life use of maps	• Understanding what a map is, Uses of maps in daily life, Identifying places and landmarks on maps • Understanding the four main directions – North, South, East, West, Using directions to locate places • Finding direction using surroundings , Giving and following directions • Comparing near and far places, Estimating distances between locations, Understanding long and short routes, Using simple measurements in maps
NOVEMBER	6. THE DIARY FARM	• Multiplication • Different methods of multiplication • Application of multiplication	• Multiplication by 10, 100, and 1000 • Doubling and Halving Strategy • Multiplication of 2 digit numbers by a 1-digit number. • Multiplication of 3 digit numbers by a 1-digit number • Multiplication of 2 digit numbers by a 2-digit number • Multiplication of 3 digit numbers by a 2-digit number. • Multiplication of 3 digit numbers by a 3-digit number • Word problems on multiplication
	7. SHAPES AND PATTERNS	• Regular Shapes (Upto Octagon) • Different types of triangles (based on the length of their sides) • Different types of quadrilaterals	• Understanding regular polygons in which all sides and angles are equal, including shapes from triangle to octagon. • Classifying triangles as equilateral, isosceles, or scalene according to the lengths of their sides. • Identifying and comparing quadrilaterals such as square, rectangle, parallelogram, rhombus, and kite.
MID TERM EVALUATION II (14/12/2026- 21/12/2026) **Chapters 5 , 6 & 7**			
DECEMBER	8. WEIGHT AND CAPACITY	• Different units of weight • Conversion of units	• Understanding standard units used to measure weight from very light to very heavy objects. (mg, g, kg, tonne, quintal) • Changing measurements from one unit of weight to another using multiplication

		• Comparison between different weights • Addition and Subtraction of weight. • Measuring capacity	or division. • Comparison, Addition, and Subtraction of Weights. • Measuring Capacity (mL and L) – Understanding units used to measure the quantity of liquids. • Conversion between millilitres and litres and performing operations with liquid measurements.
JANUARY	9. COCONUT FARM	• Division • Application of Division	• Division Fact • Division of 3 digit numbers by a 1 digit number • Division of 3 digit numbers by a 2 digit number • Division of 4 digit numbers by a 1 digit number • Division of 4 digit numbers by a 2 digit number • Checking Division • Real life problems on division
	11. GRANDMOTHER'S QUILT	Area and Perimeter	• Perimeter of Shapes • Measuring Area using Non-standard Units • Comparing Areas of Shapes • Area on Square Grids • Unit Square as Standard Unit of Area • Relationship between Area and Perimeter • Shapes with Same Area or Same Perimeter • Area of Rectangles using Length × Breadth • Area and Perimeter of Squares • Area and Perimeter of Rectangles • Problem Solving involving Area and Perimeter

FEBRUARY	12. RACING SECONDS	• Time in 12-hour and 24-hour format • Reading time on clocks. • Conversion of time. • Duration of time.	• Conversion of 12-hour time to24- hour time and vice versa. • Reading time on clocks with seconds. • Conversion of hours to minutes, minutes to seconds and vice versa. • Real life problems related to starting time, finishing time or duration of time.

	13. ANIMAL JUMPS	• Factors and Multiples • Common Factors and Common Multiples • Prime numbers	• Multiples-Finding multiples of numbers,Common multiples • Factors,Finding factors • Prime Numbers - Numbers with exactly two factors, • Identifying prime numbers • Common Factors • Common Multiples • ·Word Problems
MARCH	REVISION		