BHARATIYA VIDYA BHAVAN , KOCHI KENDRA			
YEAR PLAN FOR THE ACADEMIC YEAR 2025-26			
CLASS V MATHEMATICS			
MONTH	**TOPIC**	**SUB-TOPICS**	**CONCEPTS**
JUNE	1.THE FISH TALE	Large numbers, Basic Operations .	* In the Indian system of numeration place values are marked as ones, tens, hundreds, thousands, ten thousand, lakhs, ten lakhs, crore, etc. * The place value of a digit in a number defines where it is placed or positioned * The face value of a digit in a number defines the value of the number itself. * Expanded form is breaking up a big number into parts according to the place value. * Standard form is the usual way of writing numbers. * Comparison of number. * Addition , Subtraction ,Simple multiplication and division. * Applications of four operations .
	2.SHAPES AND ANGLES	Shapes , Angles	* Open and closed shapes. * Types of polygons (upto 8 sided polygon), Shapes can differ even when the number of sides is the same. * How angles determine the shape of a polygon. * Types of angles like acute angle, obtuse angle and right angle. * Differentiate types of angles formed in nature, with the hands of a clock and in English alphabets. * Introduction of Protractor (The 'D' game)
JULY	2.SHAPES AND ANGLES (Contd.)		
	3.HOW MANY SQUARES?	Area Perimeter	* Introduces the concept of area and perimeter * Area and perimeter of regular and irregular shapes using square grid. * Comparison of area and perimeter in sq cm using square grid. * Finding different shapes for a given area.
	4.PARTS AND WHOLES	Fraction, Part of a collection, Equivalent fraction, Part to the whole	* Fractional part of a collection. * Comparing fraction (unit fractions and fractions with same denominator) * Equivalent fractions * Visualize part to the whole using various models
MID TERM EVALUATION I Chapters 1 , 2 & 3			
AUGUST	4.PARTS AND WHOLES (Contd.)		
	5.DOES IT LOOK THE SAME?	Symmetry, Rotational symmetry, Line of symmetry	* Symmetric and Asymmetric shapes * Line of symmetry in 2D shapes * ½ turn, ¼ turn, 1/3 turn and 1/6 turn
SEPTEMBER	6.BE MY MULTIPLE, I'LL BE YOUR FACTOR	Multiples, Factors	* Multiples * Common multiples * Factors (direct application of multiplication tables) * Common *factors* * Factor tree

	9.BOXES AND SKETCHES	Nets of 3D shapes	* Nets of Cube and cuboid * Nets of different 3D shapes(Refer pg.no.128) * 2D and 3D Drawings of Cubes and Cuboids

OCTOBER	9.BOXES AND SKETCHES (Contd.)		
Term End Evaluation- I Chapter 4 , 5, 6 & 9			
NOVEMBER	7. CAN YOU SEE THE PATTERN?	Turns and patterns, Magic squares , Magic Hexagons , Number patterns	* Patterns * Rule of pattern * Clockwise and anti-clockwise patterns * Magic squares * Magic hexagons * Number patterns * Palindrome * Sum of n odd numbers
	11. AREA AND ITS BOUNDARY	Area and perimeter of rectangle and square, Different Units of area	* Area of Rectangle and Square * Perimeter of Rectangle and Square * Find the missing dimension of a rectangle/square when area /perimeter is given. * Units of area – square cm, square m and square km * Find different perimeters for a given area and vice versa
DECEMBER	12. SMART CHARTS	Tally marks, Chapati chart, Bar chart, Family tree, Growth chart	* Collection of data * Arranging (recording) the data * Interpretation of chapati chart * Interpretation of bar chart * Interpretation of growth chart
Mid Term Evaluation II Chapters 7 , 11 & 12			
JANUARY	13. WAYS TO MULTIPLY AND DIVIDE	Multiplication , Division, Checking division. Application of multiplication and division	* 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 * Division * Division of 4 digit numbers by a 1 digit number * Division of 3 digit numbers by a 2 digit number * Division of 4 digit numbers by a 2 digit number * Word problems on division * Checking Division

	14. HOW BIG? HOW HEAVY?	**Volume , volume of cube and cuboids, conversion of units, Simple addition, subtraction, multiplication and division of weights**	* **Volume** * **Estimation of volume using measuring bottle** * **Find the volume by arranging unit cubes and count them** * **Volume of cube and cuboid of given dimensions** * **Relates kg and gram** * **Conversion of gram to kg & g and vice versa** * **Comparing weights of different objects** * **Simple addition, subtraction, multiplication and division of weights**
FEBRUARY	**14. HOW BIG? HOW HEAVY ? (Contd.)**		
	10. TENTHS AND HUNDREDTHS	**Decimals, Tenths, Hundredths, Conversion of fractions to decimals and vice versa, Equivalent decimals**	* **Decimals through fractions with denominator 10 and 100** * **Relates mm and cm using decimals** * **Conversion of decimals to fractions and vice versa** * **Relates cm and m using decimals** * **Equivalent decimals**
	8. MAPPING YOUR WAY	**Reading the map (Scale, direction) , Interpretation of map.**	* **Read different maps .** * **Direction** * **Need for a scale** * **The concept of enlarging or reducing the area in the given map**
MARCH	**REVISION**		
Final Examination Chapter 8,10 ,13 &14			
