

BHARATIYA VIDYA BHAVAN, KOCHI**YEAR PLAN FOR THE ACADEMIC YEAR 2024-2025**

CLASS	IV		
SUBJECT	MATHEMATICS		
MONTH	TOPIC	SUB-TOPICS	CONCEPTS
JUNE	CHAPTER 1 BUILDING WITH BRICKS	Patterns Recalling 2D and 3D shapes Shape of a brick Mirror Half (Symmetry) Numbers up to 10,000	Patterns using bricks Length, Breadth and Height ; Faces, Edges and Vertices Mirror Half in brick pattern Numbers up to 10,000 : Place value chart, Place & Place value, Number names, numerals, Expanded form, Missing numbers (Before, after & between), Ordering of numbers (Comparison, Ascending & Descending), Gives an idea of 1 lakh as One hundred thousand.
	CHAPTER 2 LONG AND SHORT	Units of length and their Conversion. Addition and Subtraction of length	Need for a standard unit Units to measure length – mm, cm, m, km. Relation between the units. Halves of 1 km, 1m and 1 cm. Converting cm to mm and vice versa. Converting m to cm and vice versa Converting km to m and vice versa Addition & subtraction of lengths. Application of addition and subtraction of length.

<p style="text-align: center;">JULY</p>	<p style="text-align: center;">CHAPTER 2 Contd.</p> <p style="text-align: center;">CHAPTER 3 A TRIP TO BHOPAL</p>	<p style="text-align: center;">Building Numbers Addition and Subtraction Multiplication and Division</p>	<p>Building 3-digit & 4-digit numbers using the given digits Addition and Subtraction up to 10,000 Simple real-life situations /problems including time, money, length and capacity by using the four operations.</p>
<p>MID TERM EVALUATION 1 –CHAPTERS 1 and 2(31 July 2024-7 August 2024)</p>			
<p style="text-align: center;">AUGUST</p>	<p style="text-align: center;">CHAPTER 3 Contd.</p> <p style="text-align: center;">CHAPTER 8 CARTS AND WHEELS</p>	<p style="text-align: center;">Introduction to Circles Centre, Radius and Diameter</p>	<p>Listing round objects. Tracing and drawing circle. Centre, radius and diameter of a circle. Measuring radius of a circle. Relation between radius and diameter. Drawing a perfect circle using compasses.</p>
<p style="text-align: center;">SEPTEMBER</p>	<p style="text-align: center;">CHAPTER 6 THE JUNK SELLER</p>	<p style="text-align: center;">Multiplication and its Properties Applications of Multiplication.</p>	<p>Properties of multiplication. Multiplication of 2 digit and 3 digit numbers by one digit number (vertical multiplication) Multiplication of 2 digit numbers by 2 digit numbers (vertical multiplication) Multiplication by 10, 100 & 1000. Real life problems based on money (page 67 & 68)</p>

OCTOBER	CHAPTER 10 PLAY WITH PATTERNS	Patterns	Patterns with numbers, letters and pictures Magic patterns Number towers Patterns with addition Coding and decoding secret messages Floor patterns-tiling
	CHAPTER 5 THE WAY THE WORLD LOOKS	Different views of an object.	Viewing objects: top view, side view, Viewing objects from different angles, Viewing objects from different distances
TERM END EVALUATION -Chapters 3,6,8 and 10 (18 October 2024-30 October 2024)			

NOVEMBER	CHAPTER 11 TABLES AND SHARES	Division and its Properties Division by Repeated Subtraction Long Division	Introducing division from multiplication facts Properties of division. Division of 2 digit and 3 digit numbers by 1 digit number (long division) Division with large numbers using repeated subtraction.
	CHAPTER 14 SMART CHARTS	Collection and Interpretation of data Drawing Circle Graph	Collection of data and completing the table Interpretation of data from pictograph, bar graph and circle graph. Drawing chapati chart.

<p style="text-align: center;">DECEMBER</p>	<p style="text-align: center;">CHAPTER 14 Contd.</p> <p style="text-align: center;">CHAPTER 9 HALVES AND QUARTERS</p>	<p>Halves, Quarters and Three fourths Equivalent fractions</p>	<p>Halves, quarters and three fourths. Fractions using symbols ($1/4, 1/2, 3/4$), Equivalent fractions (pictorial representation only , $2/4 = 1/2$). $1/2, 1/4, 3/4$ of numbers (numbers less than 20) Quarter ,half and three fourths of a metre, litre and kilogram. Real life problems.</p>
<p>MID TERM EVALUATION 2 –Chapters 9, 11 and 14 (3 January 2025 - 10 January 2025)</p>			
<p style="text-align: center;">JANUARY</p>	<p style="text-align: center;">CHAPTER 7 JUGS AND MUGS</p> <p style="text-align: center;">CHAPTER 4 TICK-TICK-TICK</p>	<p>Units of capacity and their Conversion.</p> <p style="text-align: center;">12 hour and 24 hour clock Calendar</p>	<p>Capacity, units of capacity Relates mL and L (simple conversions only) Different ways to make 1L Operations on capacity (word problems based on addition, subtraction, multiplication and division)</p> <p>Reading time from a clock(with exact minute). Drawing hands of a clock. Duration of time taken. 12 hour clock (am/pm) 24 hour clock Conversion from 12 hour clock to 24 hour clock Calendar, Writing dates Leap Year, Timeline Duration between two days. Manufacturing date, Expiry Date, Word problems on duration.</p>

FEBRUARY	<p style="text-align: center;">CHAPTER 12 HOW HEAVY? HOW LIGHT?</p>	<p style="text-align: center;">Units of weight and their Conversion.</p>	<p>Units of weight. Conversion of kg to g (simple conversions). Comparison of weights. Guess the correct unit of weight. Addition and subtraction of weights</p>
	<p style="text-align: center;">CHAPTER 13 FIELDS AND FENCES</p>	<p style="text-align: center;">Length of boundary</p>	<p style="text-align: center;">Length of boundary of regular and irregular shapes.</p>
March	Revision		
FINAL EXAMINATION– Chapters 4,7,12 and 13 (10 March 2025 - 21 March 2025)			