

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

<b>CLASS</b>	<b>IV</b>		
<b>SUBJECT</b>	<b>MATHEMATICS</b>		
<b>MONTH</b>	<b>TOPIC</b>	<b>SUB-TOPICS</b>	<b>CONCEPTS</b>
<b>JUNE</b>	<b>CHAPTER 1 BUILDING WITH BRICKS</b>	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.
	<b>CHAPTER 2 LONG AND SHORT</b>	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;"><b>JULY</b></p>	<p style="text-align: center;"><b>CHAPTER 2 Contd.</b></p> <p style="text-align: center;"><b>CHAPTER 3 A TRIP TO BHOPAL</b></p>	<p style="text-align: center;">Building Numbers Addition and Subtraction Multiplication and Division</p>	<p>Building 3-digit &amp; 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><b>MID TERM EVALUATION 1 –CHAPTERS 1 and 2(31 July 2024-7 August 2024)</b></p>			
<p style="text-align: center;"><b>AUGUST</b></p>	<p style="text-align: center;"><b>CHAPTER 3 Contd.</b></p> <p style="text-align: center;"><b>CHAPTER 8 CARTS AND WHEELS</b></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;"><b>SEPTEMBER</b></p>	<p style="text-align: center;"><b>CHAPTER 6 THE JUNK SELLER</b></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 &amp; 1000. Real life problems based on money ( page 67 &amp; 68)</p>

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

<b>NOVEMBER</b>	<b>CHAPTER 11 TABLES AND SHARES</b>	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.
	<b>CHAPTER 14 SMART CHARTS</b>	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;"><b>DECEMBER</b></p>	<p style="text-align: center;"><b>CHAPTER 14 Contd.</b></p> <p style="text-align: center;"><b>CHAPTER 9 HALVES AND QUARTERS</b></p>	<p>Halves, Quarters and Three fourths Equivalent fractions</p>	<p>Halves, quarters and three fourths. Fractions using symbols (<math>1/4, 1/2, 3/4</math>), Equivalent fractions (pictorial representation only , <math>2/4 = 1/2</math>). <math>1/2, 1/4, 3/4</math> of numbers (numbers less than 20) Quarter ,half and three fourths of a metre, litre and kilogram. Real life problems.</p>
<p><b>MID TERM EVALUATION 2 –Chapters 9, 11 and 14 ( 3 January 2025 - 10 January 2025)</b></p>			
<p style="text-align: center;"><b>JANUARY</b></p>	<p style="text-align: center;"><b>CHAPTER 7 JUGS AND MUGS</b></p> <p style="text-align: center;"><b>CHAPTER 4 TICK-TICK-TICK</b></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>

<b>FEBRUARY</b>	<b>CHAPTER 12 HOW HEAVY? HOW LIGHT?</b>	Units of weight and their Conversion.	Units of weight. Conversion of kg to g (simple conversions). Comparison of weights. Guess the correct unit of weight. Addition and subtraction of weights
	<b>CHAPTER 13 FIELDS AND FENCES</b>	Length of boundary	Length of boundary of regular and irregular shapes.
<b>March</b>	<b>Revision</b>		
<b>FINAL EXAMINATION– Chapters 4,7,12 and 13 (10 March 2025 - 21 March 2025)</b>			
<b>Prepared by</b>			
BAV,KAKKANAD		VARSHA C M	
BVM,ELAMAKKARA		SOUMYA K P, PREETHA R	
BVM,EROOR		SUJA B S	
BVM,GIRINAGAR		DINI CHANDRAN, MEERA M	
BMV,THIRUVAMKULAM		SINDHU SKARIA	
BVV,THRIKKAKKARA		VYJI N R	
BNV,VELLOOR		RAJESH M N	