



BISHOP SCOTT BOYS' SCHOOL

STUDENT CURRICULUM MANUAL

Subject : Mathematics

Class : 5th

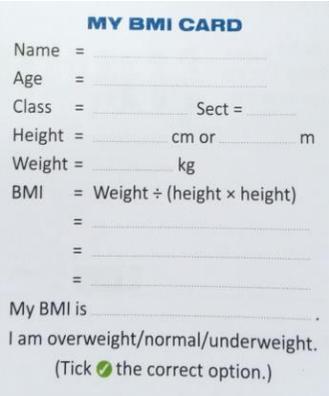
Academic Plan : 2025 -26

Month	Course Description	Learning Outcome	Activity	No. of Periods	Portion for PT & TERM Assessment
April	Chapter 1: Numbers and Numeration Mental Maths: 1. Large Numbers Worksheet:1 to 6	Students will be able to: <ul style="list-style-type: none"> • Read and write large numbers • Compare and order numbers • Identify the place value and face value of a given digit within a number in both systems. 	Birthday Bonanza Find the birthdays of the freedom fighters from their city, state and country AND write their DOB In Indian and international system.	15	
	Chapter 2: Roman Numerals Mental Maths: 1. Large Numbers Worksheet: 7	Students will be able to <ul style="list-style-type: none"> • Read and interpret Roman numerals • Apply Roman numerals in practical situations 		3	
May	Chapter 15. Data Handling Mental Maths: 15. Data Handling Worksheet: 105 to 109	Students will be able to: <ul style="list-style-type: none"> • represent data visually through pictographs and bar graphs • interpret the information presented in these graphs, and answer questions 	Student will gather data about the height or weight of any 10 students of their class and create a bar graph and line graph	8	

Month	Course Description	Learning Outcome	Activity	No. of Periods	Portion for PT & TERM Assessment
June	Chapter 3: Operation on Whole Numbers Mental Maths: 2. Operations on Large Numbers Worksheet: 10 to 19	Students will be able to: <ul style="list-style-type: none"> • develop a solid understanding of basic arithmetic operations with whole numbers, • apply them to real-life situations, and 	Conversion of given numerical expression into word problems.	9	Portion for P.T. 1 Mathematics Buzz Ch 1: Numbers and Numeration Ch 2: Roman Numerals Ch15 : Data Handling Mental Maths Speed Solver Worksheet: 1,2,3,4,5,7 and 105
July	Chapter 4. Multiples and Factors Mental Maths: 3. Factors and Multiples Worksheet: 22 to 29	Students will be able to: <ul style="list-style-type: none"> • Define multiples and factors. • Calculate HCF and LCM of given numbers and apply them in real life situations 	HCF of the given numbers using a Venn diagram	12	
	Chapter 5. Fractions Mental Maths: 4. Fractions Worksheet: 30 to 37	Students will be able to: <ul style="list-style-type: none"> • Define fractions and it's types • Simplify fractions using BODMAS 	Addition of fraction using paper folding activity.	12	

August	<p>Chapter 11. Speed , Distance and Time</p> <p>Mental Maths: 12. Time and Temperature Worksheet: 86 to 88</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Understand the meaning of "speed," "distance," and "time" and how they relate to each other. • Solve simple word problem by using the formula and appropriate units. 	<p>A short video on ancient clocks (Sun dial, Sandclock and Waterclock).</p>	15	<p>Portion for First Term End Examination</p> <p>Mathematics Buzz</p> <p>Ch 1 : Numbers and Numeration Ch 2: Roman Numerals Ch 15 : Data Handling Ch 3 : Operation on Whole Numbers Ch 4 : Multiples and Factors Ch 5 : Fractions Ch 11: Speed , Distance and Time Ch 12: Basic Geometrical Concepts Mental Maths - Speed Solver Worksheet- 10,11,13,15,23,26,31,36, 96</p>
	<p>Chapter12. Basic Geometrical Concepts</p> <p>Mental Maths: 13. Geometry Worksheet: 92 to 94 , 96 14. Patterns and Symmetry Worksheet: 100 to 103</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • understand concepts like points, lines, line segments, rays • measure angles using a protractor. 	<p>Identify the types of angles being made by the following Yoga asanas.</p> <ol style="list-style-type: none"> Trikonasana Naukasana Virasana Bhujangasana 	12	
September	<p>REVISION FOR TERM 1 EXAMINATION</p>				
October	<p>Chapter 6. Decimals</p> <p>Mental Maths: 5. Decimals Worksheet: 39 to 45</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • understand the expanded form of a decimal number. • learn the conversion of decimal into fraction & vice-versa. • learn about the different operations on the decimal numbers. 	<p>Prepare a conversion table for the following measures: Pounds to kilograms, Inches to centimeter, Miles to Km, Gallon to litre, Ounce to gram, Pint to litre.</p>	12	

November	<p>Chapter 7. Money</p> <p>Mental Maths: 1. Transactions</p> <p>Worksheet: 62 to 65</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Apply the unitary method to solve word problems • read and understand a simple bill 	<p>Draw the currency notes and coins 10 different countries.</p>	5	<p>Portion for P.T. 2</p> <p>Mathematics Buzz</p> <p>Ch 6: Decimals</p> <p>Ch 7 : Money</p> <p>Mental Maths Speed Solver</p> <p>Worksheet: 39, 41,62 and 64</p>
	<p>Chapter 8.</p> <p>Percentage</p> <p>Mental Maths: 2. Percentage</p> <p>Worksheet: 74 to 79</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • represent percentages using visual model • calculate basic percentages of whole numbers • apply this concept to real-life situations 	<p>Calculate the percentage of given days of the academic calendar 2025- 2026.</p>	7	
	<p>Chapter 9.</p> <p>Profit and Loss</p> <p>Mental Maths: 9. Profit and Loss</p> <p>Worksheet: 67 to 72</p>	<p>Students will be able:</p> <ul style="list-style-type: none"> • understand the concept of profit and loss • apply this knowledge to real-life scenarios involving buying and selling items; with a focus on basic calculations and practical examples using everyday situations. 	<p>Role play activity to learn the concept of profit and loss</p>	8	

December	<p>Chapter 10. Measurement</p> <p>Mental Maths: 6. Measurement Worksheet:47 to 52</p> <p>12. Time and Temperature Worksheet :89 to 90</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • identify and use standard units of Measurement to accurately measure length, weight, capacity, and time; • solve basic measurement problems. 	<p>Health Camp: Prepare BMI(Body Mass Index) card.</p> 	15	
	<p>Chapter 14. Perimeter, Area and Volume</p> <p>Mental Maths: 7. Perimeter, Area and Volume Worksheet: 53 to 56</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Define and differentiate between perimeter, area, and volume ; • identify and apply formulas to calculate the perimeter ,area and volume. 	To show relationship between Perimeter and Area.	10	
January	<p>Chapter 13. Triangles and Quadrilaterals</p> <p>Mental Maths: 3. Geometry Worksheet: 95</p>	<p>Students will be able to:</p> <ul style="list-style-type: none"> • Learn about the classifications of triangles and Quadrilaterals • their different properties 	Sum of interior angles of a triangle is equal to 180° using paper cut outs.	12	
February	REVISION FOR TERM 2 EXAMINATION				<p>Portion for term Second Term End Examination Mathematics Buzz Ch 6 : Decimals Ch 7: Money Ch 8: Percentage Ch 9: Profit and Loss Ch 10: Measurement</p>

					<p>Ch 13: Triangles and Quadrilaterals Ch 14: Perimeter, Area and Volume</p> <p>Mental maths -Speed Solver Worksheet: 74,75,67,69,47,95,54.</p>
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