## BISHOP SCOTT BOYS' SCHOOL

C - Qurriculum
D - Development &
L - Learning
D - Dijectives





## **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
April	Chapter 1: Numbers and Numeration Mental Maths: 1. Large Numbers Worksheet:1 to 6	<ul> <li>Students will be able to:</li> <li>Read and write large numbers</li> <li>Compare and order numbers</li> <li>Identify the place value and face value of a given digit within a number in both systems.</li> </ul>	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	Assessment
	Chapter 2: Roman Numerals Mental Maths: 1. Large Numbers Worksheet: 7	<ul> <li>Students will be able to</li> <li>Read and interpret Roman numerals</li> <li>Apply Roman numerals in practical situations</li> </ul>	SCOL	3	
May	Chapter 15. Data Handling Mental Maths: 15. Data Handling Worksheet: 105 to 109	Students will be able to: • 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	R

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	<ul> <li>Students will be able to:</li> <li>develop a solid understanding of basic arithmetic operations with whole numbers,</li> <li>apply them to real- life situations, and</li> </ul>	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 Chapter 5. Fractions Mental Maths: 4. Fractions Worksheet: 30 to 37	<ul> <li>Students will be able to:</li> <li>Define multiples and factors.</li> <li>Calculate HCF and LCM of given numbers and apply them in real life situations</li> <li>Students will be able to:</li> <li>Define fractions and it's types</li> <li>Simplify fractions using BODMAS</li> </ul>	HCF of the given numbers using a Venn diagram Addition of fraction using paper folding activity.	12	R

	Chapter 11.	Students will be able to:	A short video on ancient	15	
	Speed , Distance and Time	• Understand the meaning of "speed," "distance," and	clocks ( Sun dial, Sandclock and Waterclock).		Portion for First Term End Examination
August	Mental Maths: 12. Time and Temperature Worksheet: 86 to 88	<ul><li>"time" and how they relate to each other.</li><li>Solve simple word problem by using the</li></ul>			Mathematics Buzz Ch 1 : Numbers and Numeration Ch 2: Roman Numerals
		formula and appropriate units.			Ch 15 : Data Handling Ch 3 : Operation on Whole Numbers
	Chapter12. Basic Geometrical Concepts	Students will be able to: • understand concepts like points, lines, line segments, rays	Identify the types of angles being made by the following Yoga asanas. a. Trikonasana	12	Ch 4 : Multiples and Factors Ch 5 : Fractions Ch 11: Speed , Distance and Time Ch 12: Basic Geometrical Concepts
	Mental Maths: 13. Geometry Worksheet: 92 to 94 , 96	• measure angles using a protractor.	b. Naukasana c. Virasana d. Bhujangasana		Mental Maths - Speed Solver Worksheet- 10,11,13,15,23,26,31,36, 96
	14. Patterns and Symmetry Worksheet: 100 to 103				
September	REVISION FOR TERM 1 EXAMINATION	BISHOP	SCOTT	5	R

October	Chapter 6. Decimals Mental Maths: 5. Decimals Worksheet: 39 to 45	<ul> <li>Students will be able to:</li> <li>understand the expanded form of a decimal number.</li> <li>learn the conversion of decimal into fraction &amp; vice-versa.</li> <li>learn about the different operations on the decimal numbers.</li> </ul>	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.	12	
November	Chapter 7. Money Mental Maths: 1. Transactions Worksheet: 62 to 65	Students will be able to: • Apply the unitary method to solve word problems • read and understand a simple bill	Draw the currency notes and coins 10 different countries.	5	Portion for P.T. 2 Mathematics Buzz Ch 6: Decimals Ch 7 : Money Mental Maths Speed Solver Worksheet: 39, 41,62 and 64
	Chapter 8. Percentage Mental Maths: 2. Percentage Worksheet: 74 to 79	<ul> <li>Students will be able to:</li> <li>represent percentages using visual model</li> <li>calculate basic</li> <li>percentages of whole numbers</li> <li>apply this concept to real-life situations</li> </ul>	Calculate the percentage of given days of the academic calendar 2025- 2026.	7	R
	Chapter 9. Profit and Loss Mental Maths: 9. Profit and Loss Worksheet: 67 to 72	Students will be able: • 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	Role play activity to learn the concept of profit and loss	8	

		examples using everyday situations.			
December	Chapter 10. Measurement Mental Maths: 6. Measurement Worksheet:47 to 52 12. Time and Temperature Worksheet :89 to 90	Students will be able to: • identify and use standard units of Measurement to accurately measure length, weight, capacity, and time; • solve basic measurement problems.	Health Camp: Prepare BMI( Body Mass Index) card. MY BMI CARD Name = Age = Class =Sect = Height =m Weight =kg BMI = Weight ÷ (height × height) = My BMI is I am overweight/normal/underweight. (Tick • the correct option.)	15	
	Chapter 14. Perimeter, Area and Volume Mental Maths: 7. Perimeter, Area and Volume Worksheet: 53 to 56	Students will be able to: • 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	R
January	Chapter 13. Triangles and Quadrilaterals Mental Maths:	Students will be able to: • Learn about the classifications of triangles and Quadrilaterals	Sum of interior angles of a triangle is equal to 180° using paper cut outs.	12	

	3. Geometry	• their different properties		
	Worksheet: 95			
	REVISION FOR TERM 2			Portion for term Second Term
	EXAMINATION			End Examination
February				Mathematics Buzz
				Ch 6 : Decimals
				Ch 7: Money
				Ch 8: Percentage
				Ch 9: Profit and Loss
				Ch 10: Measurement
				Ch 13: Triangles and Quadrilaterals
				Ch 14: Perimeter, Area and Volume
				Mental maths -Speed Solver
				Worksheet: 74,75,67,69,47,95,54.

