



GOPI BIRLA MEMORIAL SCHOOL (Primary Section)
YEAR PLAN 2023-24

Subject: Maths

Grade: 5

FIRST TERM

Month/Days	<u>TOPIC</u>
April 2023 16 Days	Roman Numerals 1. Large Numbers <ul style="list-style-type: none">➤ Indian System of Numeration➤ Use of commas➤ Place value and Face value➤ Expanded form and Standard form➤ Comparison of Numbers➤ Ascending and Descending order➤ Forming Numbers➤ Successor and Predecessor➤ Rounding of Numbers➤ International System of Numeration➤ Roman Numerals➤ Adding and Subtracting Roman numerals
June 2023 17 Days OA1	<u>2. Four Operations</u> <ul style="list-style-type: none">➤ Properties of Addition, Subtraction , Multiplication➤ 8-9 digits Addition and Subtraction.➤ Missing digits➤ Multiplication by 10, 100, 1000.

<p>July 2023 21 Days PA1</p>	<p><u>2. Four Operations (contd)</u></p> <ul style="list-style-type: none"> ➤ Properties of Division. ➤ Division by 10, 100, 1000. ➤ Word Problems ➤ Estimation on Four Operations. <p><u>6. Geometry</u></p> <ul style="list-style-type: none"> ➤ Lines ➤ Different types of angles ➤ Measuring angles ➤ Construction of angles using protractor (Acute, Obtuse, Right, Reflex angles)
<p>August 2023 21 Days OA2</p>	<p><u>3. Multiples and Factors</u></p> <ul style="list-style-type: none"> ➤ Prime, Odd, Even, Composite numbers. ➤ Common Multiples and Factors ➤ Test of Divisibility ➤ HCF and LCM ➤ Relationship between HCF and LCM <p><u>7. Pattern and Symmetry</u></p> <ul style="list-style-type: none"> ➤ Reflection Symmetry ➤ Rotation Symmetry ➤ Making Patterns and turns ➤ Number patterns ➤ Square and triangular numbers ➤ Magic square
<p>September 2023 19 Days PA2</p>	<p><u>4. Fractions</u></p> <ul style="list-style-type: none"> ➤ Conversions: mixed fractions to improper and vice versa ➤ Equivalent Fractions ➤ Comparison of fractions ➤ Addition, Subtraction, Multiplication and Division of Fractions. ➤ Word Problems <p><u>12. Data Handling</u></p> <ul style="list-style-type: none"> ➤ Collection of Data ➤ Tabulation ➤ Pictograph ➤ Pie chart ➤ Bar graph

<u>SECOND TERM</u>	
Month/Days	<u>TOPIC</u>
October 2023 20 Days OA3	5. Decimals <ul style="list-style-type: none"> ➤ Conversions, equivalent decimals ➤ Comparing decimals ➤ Add, subtract, Multiply and divide ➤ Application for decimals ➤ Word problems
November 2023 15 Days	8. Metric Measures <ul style="list-style-type: none"> ➤ Conversion of Length, Weight ,Capacity ➤ Higher to lower unit and vice versa ➤ Addition, Subtraction, Multiplication and Division sums. ➤ Word Problems
December 2023 16 Days	11. Perimeter, Area and Volume <ul style="list-style-type: none"> ➤ Perimeter (Regular and irregular Polygons) ➤ Area of Regular and Irregular figures ➤ Perimeter and Area of Rectangle, Square and Triangle using formulae. ➤ Volume of Cube and Cuboid. ➤ Word Problems.
January 2024 21 Days PA3 OA4	9. Time and Temperature <p>(A) Time</p> <ul style="list-style-type: none"> ➤ Add, Subtract and duration of time ➤ Word Problems ➤ Reading Timetable <p>(B) Temperature</p> <ul style="list-style-type: none"> ➤ Conversions ➤ Degree Celsius and Fahrenheit
February 2024 21 Days PA4	10. Mathematics in Daily Life <ul style="list-style-type: none"> ➤ Calculating Cost Price, Selling price, Profit and Loss ➤ Understanding Unitary method ➤ Word problems ➤ Mapping ➤ Revision
March 2024 PA4	