



GOPI BIRLA MEMORIAL SCHOOL

YEAR PLAN 2023-24

GRADE 4 MATHEMATICS

<u>TERM I</u>	
Month/Days	<u>TOPIC</u>
April 2023 16 days	Roman Numerals <ul style="list-style-type: none"> ➤ Symbols ➤ Rules ➤ Hindu Arabic ↔ Roman ➤ Comparison ➤ Before & After ➤ Addition, Subtraction, Multiplication and Division. 1. Number System <ul style="list-style-type: none"> ➤ Indian & International System ➤ No. and No. names (5 & 6 digits) ➤ Expanded Form & Short Forms ➤ Comparison (Successor & Predecessor) ➤ Insert correct sign (<, >, =) ➤ Ascending & Descending order ➤ Place Value , Face Value & Abacus ➤ Building Nos. ➤ Rounding off to the nearest 10's & 100's
June 2023 17 days OA 1	<u>2. Addition and Subtraction</u> 2a. Addition <ul style="list-style-type: none"> ➤ Terms - Addends and sum ➤ Adding nos. (2 or 3 steps) ➤ Fill in the missing digits ➤ Word Problems 2b. Subtraction <ul style="list-style-type: none"> ➤ Terms - Subtrahend, minuend, difference ➤ Subtraction of Nos. ➤ Fill in the missing digits ➤ Word Problems ➤ Combining addition and subtraction

<p>July 2023 21 days PA1</p>	<p>3. Multiplication</p> <ul style="list-style-type: none"> ➤ Revision of Tables ➤ Multiplicand, Multiplier, Product ➤ Multiply by 10, 100 & 1000 ➤ Multiply - 2 digits by 2 digits ➤ Multiply - 3 digits by 2 digits ➤ Multiply - 3 digits by 3 digits ➤ Multiply - 4 digits by 2 digits ➤ Word Problems <p>8. Geometry</p> <ul style="list-style-type: none"> ➤ 2D & 3D Shapes ➤ Line Segment, Line, Ray ➤ Measuring and drawing the given line segment ➤ Curves, Polygon, Open and Closed figures. ➤ Circle ➤ Terms – Centre, Circumference, radius, diameter, chord, arc ➤ Draw a circle with the given radius / diameter <p>Activity-Concentric circles, Intersecting Circles</p>
<p>August 2023 21 days OA 2</p>	<p>4. Division</p> <ul style="list-style-type: none"> ➤ Terms - Dividend, Divisor, Quotient and Remainder ➤ Division by 10, 100 and 1000 ➤ Relation between Multiplication & Division ➤ Division - 3,4 digit by 1 digit <ul style="list-style-type: none"> - 3, 4 digit by 2 digit - 4 digit by 3 digit ➤ Word Problems <p>13. Perimeter and Area</p> <ul style="list-style-type: none"> ➤ Triangle, Square, rectangle, compound figures with formulae ➤ Word Problems

<p>September 2023 19 days PA2</p>	<p>10. Metric Measures</p> <ul style="list-style-type: none"> ➤ Length <ul style="list-style-type: none"> - Measure the given objects (Activity) - Units Chart- mm, cm, m, km - Conversion (Bigger ↔ Smaller Units) (mm, cm, m, km) - Add, Subtract, Multiply and Divide - Word Problems ➤ Weight <ul style="list-style-type: none"> - Units Chart - mg, g, kg - Conversion (Bigger ↔ Smaller Units) (mg, g, kg) - Addition, Subtraction, Multiply and Division. - Word problems ➤ Capacity <ul style="list-style-type: none"> - Units Chart - ml, l - Conversion (Bigger ↔ Smaller Units) (ml, l) - Add, Subtract, Multiply and Division. - Word problems
<p><u>TERM II</u></p>	
<p>October 2023 20 days OA3</p>	<p>5. Multiples and Factors</p> <ul style="list-style-type: none"> ➤ Test of Divisibility (2, 3, 4, 5, 6, 9, 10) ➤ Prime & Composite Nos. ➤ Finding factors by multiplication facts, Factor Tree method ➤ Common Factors & HCF (prime factorization) ➤ LCM by Listing multiples, prime factorization, common division <p>9. Patterns and Symmetry</p> <ul style="list-style-type: none"> ➤ Natural and Man-made patterns ➤ Number patterns ➤ Alphabetical patterns ➤ Pattern in tables ➤ Number tower ➤ Tessellation

	<ul style="list-style-type: none"> ➤ Symmetrical and Asymmetrical figures ➤ Mirror Halves
November 2023 15 days	6. Fractions <ul style="list-style-type: none"> ➤ Shade the given fractions & write the fractions of the shaded parts ➤ Like, Unlike and unit fractions ➤ Addition, Subtraction and comparison of like fractions ➤ Equivalent fractions ➤ Find the value of ➤ Word Problems (Addition, Subtraction & Multiplication) 7. Decimals <ul style="list-style-type: none"> ➤ Parts of decimal numbers ➤ Decimals on the place value chart
December 2023 16 days	7. Decimals (contd.) <ul style="list-style-type: none"> ➤ Converting decimals to fractions and vice versa ➤ Like and unlike decimals 14. Data Handling <ul style="list-style-type: none"> ➤ Pictograph ➤ Tally Chart ➤ Reading Bar Graph ➤ Pie chart
January 2024 21 days PA 3 OA 4	<u>Data handling (cont.)</u> 11. Time <ul style="list-style-type: none"> ➤ Reading and writing time in words and figures ➤ Draw the clock & show the time ➤ A.M and P.M – 12 hr& 24 hr Clock ➤ Conversion 12 hr ↔ 24 hr ➤ Conversion of Hrs, Mins, Secs ➤ Word Problems
February 2024 21 days PA4	12. Money <ul style="list-style-type: none"> ➤ Denominations (Rs. & P) ➤ Addition, Subtraction, Multiplication ➤ Conversion ➤ Word Problems ➤ Bills Revision
March 2024 PA4	