



Maths Syllabus for Admission into Class 6

<u>1. Whole Numbers</u>	<ul style="list-style-type: none">• Numbers to 1,000,000• Place value of numbers up to 1,000,000• Comparing and ordering numbers• Number patterns• Rounding off to the nearest 10,100 and 10,000• Number line• Prime and composite numbers
<u>2. Multiplication and Division</u>	<ul style="list-style-type: none">• Multiplication with 2 digit numbers• Division with regrouping• Solving word problems• Using bar models• Divisibility test of 2 ,3,4,5,6, and 9
<u>3. Factors, Multiples and Prime Numbers</u>	<ul style="list-style-type: none">• LCM and HCF
<u>4. Fractions</u>	<ul style="list-style-type: none">• Types of fractions (proper , improper and mixed numbers)• Simplifying fractions• Comparing fractions• Converting fractions• Equivalent fractions• Addition and subtraction of fractions
<u>5. Decimals</u>	<ul style="list-style-type: none">• Value of each digit in a decimal number with 2 decimal places• Addition and subtraction of decimal fractions• Rounding off decimals to 2 decimal places• Multiplication and division by one-digit numbers• Multiplication and division by 10 and 100

	<ul style="list-style-type: none"> • Converting fractions into decimals • Converting decimals into fractions
<u>6. Measurement & Time</u>	<ul style="list-style-type: none"> • Converting smaller units into larger units • Converting larger units into smaller units • Adding and subtracting of units • Duration in hours and minutes
<u>7. Area and Perimeter</u>	<ul style="list-style-type: none"> • Finding area and perimeter of square and rectangles
<u>8. Handling Data</u>	<ul style="list-style-type: none"> • Read and interpret data in bar graph and line graphs
<u>9. Shapes and Solids</u>	<ul style="list-style-type: none"> • Regular and irregular polygons • Drawing polygons • Nets
<u>10. Angles</u>	<ul style="list-style-type: none"> • Measuring and drawing angles • Using a protractor • Types of angles
<u>11. Position and movement</u>	<ul style="list-style-type: none"> • Coordinate grid

Class 5 Syllabus