

Topics	Sub Topics
Knowing the Numbers	Indian System Of Numeration International System of Numeration Roman Numbers
Whole numbers	Introduction to Whole Numbers Properties of Operations on Whole Numbers Patterns in Whole Numbers
Operations with Numbers	Addition and Subtraction of Large Numbers Multiplication and Division of Large Numbers Estimations and Rounding Brackets and Multiplication
LCM and HCF	Factors and Multiples of a Number Prime and Composite Numbers Divisibility Test LCM and HCF of Numbers by Observation LCM and HCF of Numbers by Prime Factorisation LCM and HCF of Numbers by Long Division HCF by Euclids Algorithm and Special Cases of LCM and HCF Application of LCM and HCF in the Real World

<p>Understanding Elementary Shapes</p>	<p>Vertex, Arm, Interior and Exterior of an Angle Measure of Angles and Type of Angles Triangles: Naming and Classification Quadrilaterals: Naming and Classification Identifying 3-D shapes Elements of 3-D figures - Faces, Edges and Vertices</p>
<p>Integers</p>	<p>Integers Introduction to Negative numbers Representation on Number Line Comparing and Ordering Integers Properties of Operations on Integers -Adding Integers -Subtracting Integers -Multiplication -Division Mixed Operation on Integers (using BODMAS/PEMDAS) Word Problems including Mixed Operations</p>

<p>Fractions</p>	<p>Fractions - Recap Types of Fractions Equivalent Fractions Comparing Fractions Addition of Fractions Subtraction of Fraction Fractions with Negative Numbers Application Based Problems using Mixed Operations</p>
<p>Decimals</p>	<p>Decimals- Recap Comparison of Decimals Converting Units Using Decimals Adding Decimals Subtracting Decimals Decimals with Negative Numbers Application Based Problems using Mixed Operations</p>
<p>Data Handling</p>	<p>Collecting and Organising Data Pictograph: Drawing and Interpretation Bargraph: Drawing and Interpretation</p>
<p>Mensuration</p>	<p>Perimeter of a Square and Rectangle Area of a Rectangle and a Square</p>

<p>Measurement</p>	<p>Money Time Probability</p>
<p>Algebra</p>	<p>Introduction to Algebra Algebraic Expressions Writing Algebraic Expressions Introduction of Equations Solving linear Equations</p>
<p>Ratio, Proportions and Percentages</p>	<p>Concept of Ratio Difference between Fraction and Ratio Proportion as Equality of Two Ratios Unitary Method Introduction Conversion of Percent to Decimal and Vice-Versa Conversion of Percent to Fraction and Vice-Versa Percent of a Number Word Problems</p>

<p>Geometry</p>	<p>Basic Geometrical Ideas Point, Line, Line Segment, Ray Open and Closed Figures Constructing Line segment/ Circles Constructing Perpendicular/ Perpendicular Bisectors to a Given Line Segment Constructing Angles and Angle Bisector Constructing Special Angles using Scale and Compass</p>
<p>Symmetry</p>	<p>Symmetrical Figures and Lines of Symmetry Reflection Using Symmetry</p>