



Mathematics Curriculum

Grade 1

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Numbers; Comparison; Addition; Subtraction; Measurement; Time and Calendar; Money; Shapes; Patterns; Data Handling

Grade 2

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Numbers; Addition; Subtraction; Multiplication; Division; Measurement; Time and Calendar; Money; Shapes; Patterns; Data Handling

Grade 3

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Numbers; Addition; Subtraction; Multiplication; Division; Fractions; Measurement; Time and Calendar; Money; Shapes; Patterns; Data Handling

Grade 4

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Numbers; Addition and Subtraction; Multiplication and Division; Factors and Multiples; Fractions; Decimals; Measurement and Money; Time and Calendar; Geometrical Figures; Perimeters and Areas; Patterns and Symmetry; Data Handling

Grade 5

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Large Numbers; Four Operations; LCM and HCF; Fractions; Decimals; Measurement and Money; Time and Calendar; Basic Geometry; Perimeters and Areas; Solid Figures and Volumes; Patterns and Symmetry; Data Handling

Grade 6

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Number System; Whole Numbers; Playing with Numbers; Geometry; Integers; Fractions; Decimals; Mensuration; Algebra; Ratio and Proportion; Data Handling; Symmetry and Practical Geometry

Section C (Competency Based-Two key Questions)

Same as Section B (HOTS, Real Life Based)

Grade 7

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Integers; Fractions and Decimals; Data Handling; Simple Equations; Lines and Angles; The Triangle and its Properties; Congruence of Triangles; Comparing Quantities; Rational Numbers; Practical Geometry; Perimeter and Area; Algebraic Expressions; Exponents and Powers; Symmetry and Visualising Solid Shapes

Section C (Competency Based-Two key Questions)

Same as Section B (HOTS, Real Life Based)

Grade 8

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Rational Numbers; Linear Equations in One Variable; Understanding Quadrilaterals; Practical Geometry; Data Handling; Squares and Square Roots; Cubes and Cube Roots; Comparing Quantities; Algebraic Expressions and Identities; Visualising Solid Shapes; Mensuration; Exponents and Powers; Direct and Inverse Proportions; Factorisation; Introduction to Graphs; Playing with Numbers

Section C (Competency Based-Two key Questions)

Same as Section B (HOTS, Real Life Based)

Grade 9

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Number System; Polynomials; Coordinate Geometry; Linear Equations in Two Variables; Basic Geometry; Triangles; Quadrilaterals; Areas of Parallelograms and Triangles; Circles; Areas and Volumes; Statistics and Probability

Section C (Competency Based & PISA based-Two key Questions)

Same as Section B (HOTS, Real Life Based)

Grade 10

Section A (Logical Reasoning)

Critical Thinking, Analysis, Shapes Patterns, Puzzle, Decoding, Pictorial

Section B (Subject Specific)

Real Numbers; Polynomials; Pair of Linear Equations in Two Variables; Quadratic Equations; Arithmetic Progressions; Triangles; Coordinate Geometry; Introduction to Trigonometry; Some Applications of Trigonometry; Circles; Constructions; Areas Related to Circles; Surface Areas and Volumes; Statistics; Probability

Section C (Competency Based & PISA based-Two key Questions)

Same as Section B (HOTS, Real Life Based)
