

Mathematics Road Map

- Place Value to 10
- Addition and Subtraction within 10
- 2D and 3D Shape

- Multiplication and Division
- Fractions
- Position and Direction
- Place Value to 100
- Money
- Time

- Place Value to 100
- Addition and Subtraction
- Shape

Year 1

- Place Value to 20
- Addition and Subtraction to 20
- Place Value to 50
- Length and Height
- Mass and Volume

Year 2

- Place Value to 1,000
- Addition and Subtraction
- Multiplication and Division

- Money
- Multiplication and Division
- Length and Height
- Mass, Capacity and Temperature

- Fractions
- Money
- Time
- Shape
- Statistics

Year 3

- Fractions
- Time
- Statistics
- Position and Direction

Year 4

- Multiplication and Division B
- Length and Perimeter
- Fractions
- Mass and Capacity

- Decimals
- Money
- Time
- Shape
- Statistics
- Position and Direction

- Place Value to 1,000,000
- Addition and Subtraction
- Multiplication and Division
- Fractions

- Place Value to 10,000
- Addition and Subtraction
- Area
- Multiplication and Division

Year 5

- Multiplication and Division
- Length and Perimeter
- Fractions
- Decimals

- Ratio
- Fractions, Decimals, Percentages
- Area, Perimeter and Volume
- Statistics

- Multiplication and Division
- Fractions
- Decimals and Percentages
- Perimeter and Area
- Statistics

- 2D shapes, perimeter and area
- Coordinates
- Factors, multiples and primes
- Fractions
- Brackets

Year 7

- Number sense and calculations
- Expressions and equations
- Measures

- Geometry
- Position and Direction
- Algebra
- Averages
- Basic Calculator Skills

- Place Value to 10 Million
- Four Operations
- Fractions
- Converting Units

Year 6

- Shape
- Position and Direction
- Decimals
- Negative Numbers
- Volume

Year 8

- Angles
- Handling data and statistical diagrams
- Proportion
- Fractions, decimals and percentages
- Probability

- Number: Place value, rounding, estimation and standard form
- Algebra: Sequences and functions

- Geometry: Constructions, angles and Pythagoras
- Algebra: Graphs

- Proportional reasoning: FDP and percentages
- Statistics: Probability

Year 9

- Geometry: Volume and properties of 3D shapes
- Algebra: Equations, graphs and inequalities

- Geometry: Trigonometry
- Algebra: Quadratics

Year 10

- Geometry: Polygons and polyhedra, angles, perimeter and area
- Number: Rounding, estimation, percentages, indices, standard form.

- Number: Integers, fractions and decimal
- Algebra: Expressions and equations

- Algebra: Graphs
- Geometry: Vectors, transformations, similarity and congruence.

- Statistics: Averages and statistical graphs
- Geometry: Transformations

Key
Temperance Term
Justice Term
Courage Term

- Algebra: Functions, sequences, formulae and inequalities
- Probability and statistics

Year 11

- Ratio and Proportion
- Geometry: 3D shapes, volume and surface area.

- Geometry: Trigonometry

