

Mathematics Road Map

Year 1

- Place Value to 10
- Addition and Subtraction within 10
- 2D and 3D Shape
- Place Value to 20

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

- Place Value to 100
- Addition and Subtraction
- Money
- Multiplication and Division

Year 2

- Addition and Subtraction within 20
- Place Value within 50
- Length and Height
- Weight and Volume

- Multiplication and Division
- Statistics
- Fractions
- 2D and 3D Shape
- Length and Height

- Fractions
- Time
- Shape: Angles
- Shape: 3D Shape
- Mass and Capacity

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

Year 3

- Position and Direction
- Time
- Mass, Capacity and Temperature

Year 4

- Multiplication and Division
- Money
- Statistics
- Length and Perimeter
- Fractions

- Money
- Time
- Statistics
- Shape: Angles
- Shape: Triangles
- Position and Direction

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

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

Year 5

- Multiplication and Division
- Area
- Fractions
- Decimals

- Decimals
- Percentages
- Algebra
- Converting Units
- Area, Perimeter and Volume
- Ratio

- Multiplication and Division
- Fractions
- Decimals and Percentages

Year 7

- Directed number
- Algebra: Expressions, brackets and substitution
- Geometry: Area, perimeter and surface area

- Number: Place value, four operations and number properties
- Proportional Reasoning: Fractions, ratio and proportion

- Statistics
- Shape: Angles
- Shape: Drawing Shape

- Place Value to 10 Million
- Four Operations
- Fractions
- Position and Direction

Year 6

- Decimals
- Shape: Angles
- Shape: Quadrilaterals
- Position and Direction
- Converting Units
- Volume

Year 8

- Algebra: Equations, formulae and inequalities
- Statistics: Collecting and representing data

- 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

Year 11

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

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

- Geometry: Trigonometry

Key

Temperance Term

Justice Term

Courage Term

