

Year 7

In Y7 we follow the Maths Mastery programme.

Autumn 1

- The decimal number system
- Properties of arithmetic
- Factors, multiples and primes

Spring 1

- Expressions
- Equations
- Coordinates

Summer 1

- Conceptualising and comparing fractions
- Manipulating and calculating fractions

Autumn 2

- Order of operations
- Negative numbers

Spring 2

- Angles
- Properties of 2D shapes

Summer 2

- Ratio and proportion
- Representing data

Year 8

Autumn 1

- Ratio and scale
- Multiplicative change
- Multiplying and dividing fractions

Spring 1

- Brackets, equations & inequalities
- Sequences
- Indices

Summer 1

- Angles in parallel lines & polygons
- Area of trapezia and circles
- Line symmetry

Autumn 2

- Working in the cartesian plane
- Representing data
- Tables and probability

Spring 2

- Fractions and percentages
- Standard index form
- Number sense

Summer 2

- The data handling cycle
- Measures of location

Year 9

Autumn 1

- Straight-line graphs
- Forming and solving equations
- Testing conjectures

Spring 1

- Numbers
- Using percentages
- Maths and money

Summer 1

- Enlargement and similarity
- Solving ratio and proportion problems
- Rates

Autumn 2

- The dimensional shapes
- Constructions and congruency

Spring 2

- Deduction
- Rotation and translation
- Pythagoras' theorem

Summer 2

- Probability
- Algebraic representation

Year 10 (Foundation Tier)

Autumn 1

- Number
- Algebraic Expressions
- Solving Equations

Spring 1

- Probability
- Co-ordinates and Linear Graphs
- Perimeter, Area, and Volume

Summer 1

- Averages and Range
- Inequalities
- Sequences
- Indices and Standard Form
- Probability

Autumn 2

- Fractions
- Percentages (basics)
- Fractions, Decimals, & Percentages
- Ratio
- Proportion

Spring 2

- Angles
- Interpreting & Representing Data

Summer 2

- Right angled triangles
- Revision

Year 10 (Higher Tier)

Autumn 1

- Number
- Algebraic Expressions
- Surds
- Equations and Inequalities

Spring 1

- Simultaneous Equations
- Graphs (Linear and Quadratic)
- Angles

Summer 1

- Area and Volume
- Averages and Range
- Interpreting & Representing Data

Autumn 2

- Percentages (basics)
- Ratio
- Proportion
- Sequences

Spring 2

- Right Angled and non-Right Angled Triangles
- Probability

Summer 2

- Percentages (Advanced)
- Compound Measures
- Revision

Year 11

Autumn 1

- Algebra

Spring 1

- Revision

Summer 1

- Revision

Autumn 2

- Reasoning

Spring 2

- Revision