

Maths KS3 Units Taught:

	Year 7	Year 8	Year 9
Autumn Term	- Sequences - Algebraic notation and substitution. - Expressions and equations. - Place value, ordering and rounding. - Four operations - Averages and range. - Rounding and estimating.	- Ratio - Proportion and scale - Algebraic manipulation. - coordinates and graphs. - Multiply and divide fractions. - Symmetry - Area, volume and density.	- Properties of number. - Percentages. - Area and volume - Fractions - Equations inequalities and formulae. - Rates. - Standard form. - Straight line graphs.
Spring Term	- Graphing data - Fractions, decimals and percentages. - Directed number. - Fractions and percentages of an amount. - Area and perimeter.	- Equations and inequalities. - Percentages. - Indices. - Standard form. - Interpret and represent data.	- Maths and money. - Ratio and proportion. - Constructions and congruence. - Similarity. - Algebraic manipulation.
Summer Term	- Area and perimeter. - Speed distance time. - Properties of number. - Add and subtract fractions. - Angles and polygons.	- Angles in parallel lines and polygons. - Tables and probability. - Circles - Graphs and charts. - Sequences.	- Pythagoras. - Non-linear graphs. - Probability. - Transformations. - Simultaneous equations. - Trigonometry.

Maths KS4 Units Taught:

	Year 10 Foundation	Year 10 Higher
Autumn Term	- Algebraic manipulation - Equations, inequalities and formulae - Quadratic expressions and equations - Percentages - Ratio and scale - Work with fractions - Non calculator methods.	- Algebraic manipulation - Equations, inequalities and formulae - Quadratic expressions and equations - Percentages - Ratio and scale - Work with fractions - Non calculator methods. - Straight line graphs
Spring Term	- Straight line graphs - Probability - Perimeter, area and volume - Rounding and estimation - Interpret and represent data - Angles	- Straight line graphs - Probability - Perimeter, area and volume - Rounding and estimation - Interpret and represent data - Non-linear graphs - Angles
Summer Term	- Non-linear graphs - Graphs and diagrams - Vectors - Factors and powers - Pythagoras and trigonometry - Simultaneous equations	- Angles - Graphs and diagrams - Vectors - Factors and powers - Pythagoras and trigonometry - Simultaneous equations

	Year 11 Foundation (2025/2026)	Year 11 Higher (2025 / 2026)
Autumn Term	- Expanding and factorising - Changing the subject - Functions - Gradients and lines - Non-linear graphs - Using graphs	- Expanding and factorising - Changing the subject - Functions - Gradients and lines - Non-linear graphs
Spring Term	- Multiplicative reasoning - Geometric reasoning - Algebraic reasoning - Transforming and construction - Listing and describing	- Using graphs - Multiplicative reasoning - Geometric reasoning - Algebraic reasoning - Transformations - Product rule and circle theorems - Statistical diagrams
Summer Term		