

We write our story

Courses	A Levels: Maths, Further Maths, Economics, Physics. Level 3: Core Maths, BTEC: Level 3 Applied Science, Engineering, Business
Careers	Finance, Engineering, Architecture, Computing, Psychology
Skills	Problem solving, logical and analytical thinking, numeracy, algebraic thinking, geometry and spatial awareness
Real World	Confidence with numbers, data handling and interpretation, Money management, critical thinking. Time planning

CYCLE 2
Bespoke revision plans for individual classes.

Bespoke revision and GCSE exams

CYCLE 1
Angles and proof
Algebra and non linear
Graphs
Rates of change
Constructions and loci

Year 11

CYCLE 3
Circles, cylinders and spheres
Pythagoras and Trigonometry
Averages and statistical diagrams

CYCLE 2
Rates of change, measures and real life graphs

Transformations and vectors with Congruence and similarity

CYCLE 2
Number: Fractions and surds; percentages
Algebra: Formulae; plotting inequalities
Ratio: Combining ratio; direct and inverse proportion; compound measures.

CYCLE 3
Geometry: Constructions; Pythagoras and trigonometry; transformations
Data handling: Averages; Probability trees and Venn

Year 10

CYCLE 1
Percentages
Equations and Inequalities
Rates of change
Probability

Algebraic fractions, simultaneous equations and quadratics

CYCLE 1
Number: bounds and laws of indices; standard form
Algebra: Graphing; Quadratics

Year 9

CYCLE 3
Geometry: Angles in parallel lines; 2D compound shapes 3D shapes
Data handling: Averages; displaying data; probability

CYCLE 2
Number: Roots and Indices; fractions, percentage multipliers

Algebra: Solving equations and inequalities

CYCLE 2
Number – types or; fractions and percentages

Algebra: Solving linear equations

CYCLE 3
Geometry: angles and 2D shapes

Data handling: Averages and spread; displaying data; probability

Year 8

CYCLE 1
Number: prime factors; estimation, negative numbers
Algebra: Algebraic manipulation; sequences

Ratio: Ration proportion and scale; compound measures.

Ratio: Fraction calculations, simplification and sharing, applications of number and ratio

CYCLE 1
Number: the foundations of number on which to build on
Algebra: An introduction to algebra in secondary school

Year 7

Enrichment opportunities

UKMT – Junior, Intermediate and Senior Maths challenges. Group maths challenges.

EMC2 - KS3 TWT Maths competition