

Curriculum Overview

	Cycle 1
Year 10 Mathematics GCSE (Edexcel)	Graphs and compound measures, further expanding and factorising, algebraic fractions and rearranging formulae
Year 11 Mathematics GCSE (Edexcel)	Area, volume and angles, bearings and scale, similarity, transformations, circle theorems, solving quadratic equations and quadratic inequalities

Cycle 2
Sequences, simultaneous equations, probability and Venn diagrams, percentages and ratio
Further statistics, functions, vectors, 3-D and non-right-angled trigonometry, non-linear simultaneous equations and iteration

Cycle 3
Algebraic proportion, indices and surds, rounding and bounds, averages and data, systematic listing and product rule for counting, and trigonometry
Gradient and area under a curve, graph transformations, linear inequalities and regions, proof, and constructions and loci