



Curriculum Map-

Below is a curriculum map, showing what is taught at each stage of the year.

	Unit 1	Unit 2	Unit 3
Year 7	Four operations & prime numbers. Area & perimeter.	Equivalence. Simplify, substitute & solve linear equations. Draw shapes & find missing angles	Collect, organise & interpret data. Identify 2 & 3D shapes, 3D nets and calculate volume.
Year 8	Order of operations, estimation & negative numbers. Indices & prime numbers, HCF & LCM. Equivalences, perimeter & area and conversion between units.	Plot linear & quadratic graphs, simplify, expand & factorise and solve formulae, inequalities & linear sequences. Missing angles, ratio & proportion and percentage change. Constructions with a compass, similar & congruent shapes.	Surface area & volume. Averages & range and probability laws.
Year 9	Estimate, prime numbers, LCM & HCF, index laws & standard form. Fractions, percentages, ratio & proportion and equivalences. Represent data.	Plot linear, quadratic, cubic, reciprocal, circle & direct proportion graphs.	Surface area & volume. Missing angles. Pythagoras' Theorem & trigonometry. Transform shapes.
Year 10	Simplify, expand & factorise and solve equations. Plot & interpret linear, quadratic, cubic & reciprocal graphs. Pythagoras' Theorem & trigonometry. Proportion, geometric progression surds and fdp. Plot & interpret graphs, solving quadratic equations & inequalities and algebraic manipulation.	Solve ratio & proportion, percentages growth & decay. Index laws, standard form, error intervals and compound measures. Perimeter & area, surface area and volume. Iterative process, functions, gradients and rate of change. Construct shapes, finding shapes similar & congruent. Circle theorems.	Missing angles, similar & congruent shapes. Interpret charts & graphs. Transform & construct shapes. Probability and frequency trees. Use trigonometric ratios & Pythagoras' Theorem in 2D & 3D. Transform graphs, shapes, and use vectors. Calculate probability and construct statistical diagrams.
Year 11	Revisiting gaps in Yr 10 mock React to each topic: Algebra G & M Number Probability R, P & RoC Stats	Exam practice Filling gaps in knowledge Use of topic tests Algebra G & M Number Probability R, P & RoC Stats	Maths Exam Foundation Maths Exam Higher