

Curriculum Map - Maths

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

	Unit 1	Unit 2	Unit 3
Year 7	Number sense and calculations, Expressions and equations, Measures	2D shapes, Perimeter and area, Coordinates, Factors, multiples and primes, Fractions, Brackets	Angles, Handling data and statistical diagrams, Proportion, Fractions, decimals and percentages, Probability
Year 8	Percentages, Money calculations, Indices, Equations, Sequences, Ratio	Rounding, Coordinates, Area, Circles, Standard form, Venn diagrams, 3D shapes, Surface area and volume	Linear graphs, Transformations, Angles, Statistical diagrams, Inequalities, Brackets, Algebraic fractions, Recurring decimals
Year 9	Fractions and percentages, Probability, Standard form, Inequalities, Quadratic equations, Formulae, Constructions, Circles	Rounding, 3D shapes, Pythagoras' theorem, Ratio and proportion, Linear graphs, Compound measures, Motion-time graphs	Quadratic graphs, Angles and bearings, Transformations, Similarity and congruence, Handling data and statistical diagrams, Vectors
Year 10	Percentages, Surface area and volume, Simultaneous equations, Formulae, Trigonometry, Constructions	Linear graphs, Real-life graphs, Set notation, Tree diagrams, Compound measures, Ratio, Graphs	Sequences, Handling data, Proportion, Transformation, Rounding, Indices, Brackets, Handling data and statistical diagrams <i>Higher students will also study Recurring decimals</i>
Year 11	Factors, multiples and primes, Fractions, Expressions, Equations, Angles, Right-angled triangles, Surface area and volume, Statistical diagrams <i>Surds, Algebraic fractions, Equations, Pythagoras' theorem and trigonometry, Circles geometry, Statistical diagrams</i>	Probability, Inequalities, Vectors, Percentages, Compound measures, Ratio and proportion, Standard form, Sequences, Linear graphs <i>Probability, Inequalities, Functions, Transformations, Iteration, Algebraic proof, Similarity, Geometric proof, Graphs</i>	Revision <i>Revision</i>