

Curriculum plan – Maths

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Place value Four Operations	Fractions Converting units	Ratio Algebra Decimals	Fractions, decimals and percentages Area, perimeter and volume Statistics	Shape Position and direction	Sequences Algebraic notation
Year 8	Sequences Ratio	Proportion and Scale Directed number Algebraic manipulation	Coordinates and graphs Calculating with fractions	Area and volume Equations Fractions and percentages	Decimals and rounding Expressions and Indices Standard form Interpret and represent data	Angles in polygons Tables and probability Circles Line Symmetry and Reflection
Year 9	Properties of number Percentages	Area and volume Equations and inequalities Rates	Four operations Maths and money Straight line graphs	Ratio and proportion Constructions and congruence Similarity Algebraic manipulation	Pythagoras' theorem Non linear graphs Probability	Transformations Angles in polygons Angles in parallel lines
Year 10	Number consolidation Congruence, similarity and enlargement	Equations, Inequalities and Formulae	Non-calculator methods Straight Line Graphs Probability	Perimeter, Area and Volume Interpret and Represent Data	Angles Graphs and Diagrams Vectors	Factors, Powers and Surds Pythagoras Theorem and Trigonometry

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	Algebraic manipulation	Quadratic Expressions and Equations Percentages Ratio and Scale Working with Fractions	Rounding and Estimation	Non-linear Graphs		Simultaneous Equations
Year 11	Ratio and Proportion Area and Volume Similarity and Congruence Sequences and Proof	Standard Form Circle Theorems Probability – Set notation and Venn Diagrams Geometry and Measures – Vectors	Algebra – Functions and Graphs Equations and Formulae Ratio and Proportion and Rates of Change – Rates	Angles, bearings and trigonometry Construction and Loci Transformations		