



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Number sense and calculations	Expressions and equations	2D shapes	Factors and multiples	Brackets	Ratio
	Calculations with negative numbers	Measures	Perimeter and area	Fractions	Angles	Fractions, decimals and percentages
	Order of operations		Co-ordinates		Handling data	Percentages
Year 8	Calculating	Number and the Number System	Exploring and calculating fractions, decimals and percentages	Algebraic Proficiency (Visualising)	Proportional reasoning	Pattern sniffing
	Algebraic Proficiency (tinkering)	Mathematical Movement		Solving equations and inequalities	Investigating angles	Understanding risk
		Visualising and Constructing			Calculating Space	Presenting and measuring data
Year 9	Measuring data	Algebraic Proficiency	Pattern sniffing	Calculating space	Algebraic proficiency (graphs)	Solving equations and inequalities II
	Calculating	Proportional reasoning	Solving equations and inequalities	Angles, congruency and similarity	Understanding risk	Presentation of data
	Visualising and constructing					

End of Key Stage 3

Year 10F	<p>Two way tables Frequency trees</p> <p>Rounding and estimating Use of a calculator Product of primes/HCF/LCM</p>	<p>Calculating with fractions</p> <p>Ratio</p> <p>Direct and indirect proportion</p>	<p>Percentages</p> <p>Algebraic manipulation</p>	<p>Algebraic manipulation</p> <p>Linear Equations</p>	<p>Inequalities</p> <p>Quadratic equations</p> <p>Rearranging formulae</p> <p>Sequences</p>	<p>Calculating with standard form and Index Laws</p> <p>Angles</p> <p>Plans and elevations Bearings, constructions and loci</p>
Year 10H	<p>Rounding and estimating</p> <p>Fractions</p> <p>Direct/indirect Proportion</p> <p>Percentages</p>	<p>Standard Form and Index Laws</p> <p>Inequalities Forming Equations Quadratics Changing the Subject</p> <p>Plans and Elevations Constructions and Loci</p>	<p>Bearings</p> <p>Pythagoras</p> <p>Trigonometry</p> <p>Arcs and Sectors</p>	<p>Surface area and Volume</p> <p>Averages Scatter Graphs, Time series</p> <p>Non-Linear Graphs</p>	<p>Compound Measures Real-life Graphs</p> <p>Congruence and Similarity</p> <p>Vectors</p> <p>Probability trees and Venn Diagrams</p>	<p>Simultaneous Equations</p> <p>Recurring decimals</p> <p>Product rule</p> <p>Indices</p> <p>Bounds</p> <p>Surds</p>
Year 11F	<p>Volume and Surface Area</p> <p>Averages</p> <p>Statistical diagrams</p>	<p>Coordinate geometry</p> <p>Compound measures Real life graphs</p> <p>Similarity</p>	<p>Trigonometry</p> <p>Transformations</p> <p>Vectors</p>	<p>Probability</p> <p>Venn diagrams</p> <p>Simultaneous equations</p>	<p>EXAM PREP</p>	
Year 11H	<p>Co-ordinate Geometry</p> <p>Surface area and volume</p> <p>Direct and indirect proportion</p> <p>Algebraic Fractions</p>	<p>Similarity in 2D and 3D</p> <p>Quadratics – including the formula and iteration</p> <p>Circle theorems</p>	<p>Advanced trigonometry</p> <p>Boxplots, histograms and sampling</p> <p>Circle Geometry</p>	<p>Functions</p> <p>Vectors</p> <p>Proof</p>	<p>EXAM PREP</p>	

**End of Key Stage 4**

<b>Year 12</b>	<b>Proof</b> Algebraic Expressions Surds & Indices Quadratics & Cubics Simultaneous Equations Inequalities	<b>Coordinate Geometry</b> Circles Binomial Expansions Trigonometry	<b>Exponentials &amp;</b> Logarithms Differentiation Integration Vectors	<b>Sampling</b> Data presentation Data Interpolation Probability Statistical Distributions Binomial Hypothesis Tests	<b>Kinematics</b> Forces Newton's Laws	<b>Proof by</b> Contradiction Functions Graph Transformations Partial Fractions Mock Prep Binomial Expansion 2
	<b>Year 13</b>	Trigonometry 2 Sequences & Series Parametric Equations	Differentiation 2 Integration 2	Numerical Methods Vectors 2 Correlation & Regression Probability 2	The Normal Distribution Kinematics 2 Dynamics	Moments Exam Prep

**End of Key Stage 5**