

	Autumn 1 8 weeks	Autumn 2 7 weeks	Spring 1 6 weeks	Spring 2 7 weeks	Summer 1 4 weeks	Summer 2 7 weeks
Year 7	<p>Number sense and calculations</p> <p>Calculations with negative numbers</p> <p>Order of operations</p>	<p>Expressions and equations</p> <p>Measures</p> <p>2D shapes</p>	<p>Perimeter and area</p> <p>Co-ordinates</p> <p>Factors and multiples</p>	<p>Fractions</p> <p>Brackets</p> <p>Angles</p>	<p>Angles</p> <p>Handling data</p>	<p>Proportion</p> <p>Fractions, decimals and percentages</p> <p>Probability</p>
Year 8	<p>Percentages and Money</p> <p>Indices</p> <p>Equations</p>	<p>Sequences</p> <p>Ratio</p> <p>Rounding</p>	<p>Co-ordinates</p> <p>Area 2D shapes</p> <p>Standard Form</p>	<p>Venn diagrams</p> <p>3D shapes, volume and surface area</p> <p>Linear graphs</p> <p>Transformations</p>	<p>Angles</p> <p>Statistical diagrams</p>	<p>Inequalities</p> <p>Brackets</p> <p>Algebraic fractions</p> <p>Recurring decimals</p>
Year 9	<p>Calculating</p> <p>Visualising and constructing</p> <p>Algebraic proficiency</p>	<p>Algebraic proficiency</p> <p>Proportional reasoning</p>	<p>Solving equations and inequalities</p> <p>Calculating space</p>	<p>Pattern sniffing</p> <p>Algebraic proficiency (graphs)</p>	<p>Understanding risk</p> <p>Angles, congruency and similarity</p>	<p>Solving equations and inequalities II</p> <p>Presentation of data</p>
End of Key Stage 3						

Year 10F	Two way tables and frequency trees Rounding/estimation Use of a calculator PFF/HCF/LCM Fractions arithmetic	Fraction arithmetic Ratio Direct proportion Inverse proportion Percentages	Index laws Expand/simplify Sequences Inequalities Equations Forming and solving equations	Factorising expressions Rearranging formula Standard Index form	Angles Plans and elevations Constructions/Loci Bearings	Pythagoras Trigonometry Circles Arcs and sectors
Year 10H	Percentages recap From Crossover Algebra recap From Crossover Shape recap Crossover	Data recap Trigonometry Transformations Vectors	Recurring decimals Negative and fractional indices Product rule Bounds	Surds Expanding and Factorising quadratics Rearranging formula Sequences	Coordinate geometry Surface area and volume	Further Quadratics Simultaneous equations Transformations
Year 11F	Angles in parallel lines and polygons Pythagoras/Trigonometry Circles/ arcs/sectors	Volume/Surface area Averages Statistical diagrams	Coordinate geometry Compound measures/Real life graphs Similarity	Transformations Vectors Probability trees Venn diagrams	EXAM PREP	
Year 11H	Surds Sequences Coordinate geometry Quadratics including the formula and iteration	Simultaneous equations Advanced trig Sampling Cumulative frequency Box Plots	Histograms Algebraic fractions Functions Circle theorems	Vectors Transformations Circle geometry Advanced graphs Proof	EXAM PREP	
End of Key Stage 4						

Year 12	Proof Algebraic Expressions Surds & Indices Quadratics & Cubics Simultaneous Equations Inequalities	Coordinate Geometry Circles Binomial Expansions Trigonometry	Exponentials & Logarithms Differentiation Integration Vectors	Sampling Data presentation Data Interpolation Probability Statistical Distributions Binomial Hypothesis Tests	Kinematics Forces Newton's Laws	Proof by Contradiction Functions Graph Transformations Partial Fractions Mock Prep Binomial Expansion 2
	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	Exams
End of Key Stage 5						