



	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
7	<p>Properties of number: Place value, factors, multiples, squares and cube.</p> <p>Arithmetic procedures with integers and decimals.</p>	<p>Introduction to algebra: Expression and equations</p>	<p>Plotting coordinates.</p> <p>Perimeter and area.</p>	<p>Arithmetic procedures with fractions.</p>	<p>Understanding multiplicative relationships: fractions and ratio.</p>	<p>Transformations</p>
8	<p>Estimations and rounding.</p> <p>Arithmetic sequences.</p>	<p>Graphical representations of linear relationships.</p> <p>Solving linear equations</p>	<p>Understanding multiplicative relationships: Percentages and proportionality.</p>	<p>Statistical representations, measures and analysis.</p> <p>Perimeter and area of circles.</p>	<p>Volume and surface area.</p>	<p>Geometrical properties: polygons.</p> <p>Constructions</p>
9	<p>Geometrical properties: Similarity and Pythagoras</p>	<p>Probability</p>	<p>Non- Linear relationships: Sequences.</p>	<p>Expressions and formulae.</p> <p>Trigonometry</p>	<p>Standard form</p> <p>Indices</p>	<p>Graphical representations: non-linear graphs.</p>
10 H	<p>Equations and Inequalities</p> <p>Probability</p>	<p>Multiplicative reasoning</p> <p>Similarity and Congruence</p>	<p>Trigonometry</p>	<p>Perimeter, area and volume</p> <p>Further Statistics</p>	<p>Equations and Graphs</p>	<p>Circle Theorems</p>
10 F	<p>Equations and Inequalities</p> <p>Averages and range</p>	<p>Ratio and Proportion</p> <p>Right-angled triangles</p>	<p>Probability</p>	<p>Multiplicative reasoning</p> <p>Constructions, Loci and Bearings</p>	<p>Quadratic equations and graphs</p>	<p>Perimeter, area and volume</p>



11 H	Vectors and Geometric Proof More graphs	More Algebra – rearranging complex formulae and proof.	Bespoke Exam Preparation	Bespoke Exam Preparation	Bespoke Exam Preparation	Bespoke Exam Preparation
11 F	Fractions, indices and standard form Congruence, similarity and vectors	More Algebra	Bespoke Exam Preparation	Bespoke Exam Preparation	Bespoke Exam Preparation	Bespoke Exam Preparation
Year 12	Algebraic expressions Quadratics Equations and inequalities Graphs and transformations	Straight line graphs Circles Algebraic Methods The binomial expansion	Trigonometric ratios, identities and equations Statistics	Vectors Differentiation Mechanics	Exponentials and logarithms Integration	Algebraic Methods Binomial Expansion
Year 13	Radians Functions and Graphs Sequences and Series	Statistics Trigonometric functions Trigonometry and modelling Parametric equations Vectors	Differentiation Mechanics	Integration Numerical Methods	Bespoke Exam Preparation	Bespoke Exam Preparation