



	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>Arithmetic sequences.</p> <p>Graphical representations of linear relationships.</p>	<p>Solving linear equations</p> <p>Constructions</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>Estimations and rounding.</p>
9	<p>Standard form</p> <p>Indices</p>	<p>Non- Linear relationships: Sequences.</p> <p>Expressions and formulae.</p>	<p>Probability</p>	<p>Geometrical properties: Similarity and Pythagoras</p> <p>Trigonometry</p>	<p>Graphical representations: non-linear graphs.</p>	<p>Statistical representations, measures and analysis.</p>
10 H	<p>Equations and Inequalities</p> <p>Probability</p>	<p>Multiplicative reasoning</p>	<p>Similarity and Congruence</p>	<p>Trigonometry</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-angles 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	<p>Vectors and Geometric Proof</p>	<p>More Algebra – rearranging complex formulae and proof.</p>	<p>Bespoke Exam Preparation</p>	<p>Bespoke Exam Preparation</p>	<p>Bespoke Exam Preparation</p>	<p>Bespoke Exam Preparation</p>
11 F	<p>Congruence, similarity and vectors</p>	<p>More Algebra</p>	<p>Bespoke Exam Preparation</p>	<p>Bespoke Exam Preparation</p>	<p>Bespoke Exam Preparation</p>	<p>Bespoke Exam Preparation</p>



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	

Maths equips Dame Elizabeth Cadbury pupils for the next phases of their lives, giving them the knowledge and fluency they need to make appropriate choices, reason mathematically and approach challenging problems with courage.