

Y10 Higher textbook

Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<p><u>1 - Calculations 1</u></p> <p>Place value and rounding</p> <p>Adding and subtracting</p> <p>Multiplying and dividing</p> <p>Summary and review</p>	<p><u>3 - Angles and polygons</u></p> <p>Angles and lines</p> <p>Triangles and quadrilaterals</p> <p>Congruence and similarity</p> <p>Angles in polygons</p> <p>Summary and review</p>	<p><u>7 - Working in 2D</u></p> <p>Measuring lengths and angles</p> <p>Area of a 2D shape</p> <p>Transformations 1</p> <p>Transformations 2</p> <p>Summary and review</p>	<p><u>11 - Circles and constructions</u></p> <p>Circles 1</p> <p>Circles 2</p> <p>Circle theorems</p> <p>Construction and loci</p> <p>Summary and review</p>	<p><u>14 - Graphs 1</u></p> <p>Equation of a straight line</p> <p>Linear and quadratic functions</p> <p>Properties of quadratic functions</p> <p>Kinematic graphs</p> <p>Summary and review</p>	<p><u>17 - Calculations 2</u></p> <p>Roots and indices</p> <p>Exact calculations</p> <p>Standard form</p> <p>Summary and review</p>
<p><u>2 - Expressions</u></p> <p>Simplifying expressions</p> <p>Indices</p> <p>Expanding and factorising 1</p> <p>Algebraic fractions</p> <p>Summary and review</p>	<p><u>5 - Fractions, decimals and percentages</u></p> <p>Fractions and percentages</p> <p>Calculations with fractions</p> <p>Fractions, decimals and percentages</p> <p>Summary and review</p>	<p><u>9 - Measures and accuracy</u></p> <p>Estimation and approximation</p> <p>Calculator methods</p> <p>Measures and accuracy</p> <p>Summary and review</p>	<p><u>12 - Ratio and proportion</u></p> <p>Proportion</p> <p>Ratio</p> <p>Percentage change</p> <p>Summary and review</p>	<p><u>15 - Working in 3D</u></p> <p>3D shapes</p> <p>Volume of a prism</p> <p>Volume and surface area</p> <p>Summary and review</p>	<p><u>18 - Graphs 2</u></p> <p>Cubic and reciprocal functions</p> <p>Real life graphs</p> <p>Exponential and trigonometric functions</p> <p>Gradients and areas under graphs</p> <p>Equation of a circle</p> <p>Summary and review</p>
<p><u>4 - Handling data 1</u></p> <p>Sampling</p> <p>Organising data</p> <p>Representing data 1</p> <p>Averages and spread 1</p> <p>Summary and review</p>	<p><u>6 - Formulae and functions</u></p> <p>Formulae</p> <p>Functions</p> <p>Equivalences in algebra</p> <p>Expanding and factorising 2</p> <p>Summary and review</p>	<p><u>10 - Equations and inequalities</u></p> <p>Solving linear equations</p> <p>Quadratic equations</p> <p>Simultaneous equations</p> <p>Approximate solutions</p> <p>Inequalities</p> <p>Summary and review</p>	<p><u>13 - Factors, powers and roots</u></p> <p>Factors and multiples</p> <p>Powers and roots</p> <p>Surds</p> <p>Summary review</p>	<p><u>16 - Handling data 2</u></p> <p>Frequency diagrams</p> <p>Averages and spread 2</p> <p>Box plots</p> <p>Cumulative Graphs</p> <p>Scatter Graphs</p> <p>Correlation</p> <p>Time Series</p> <p>Summary and review</p>	<p><u>19 - Pythagoras and trigonometry</u></p> <p>Pythagoras theorem</p> <p>Trigonometry 1</p> <p>Trigonometry 2</p> <p>Pythagoras and trigonometry problems</p> <p>Vectors</p> <p>Summary and review</p>
<p><u>8 - Probability</u></p> <p>Probability experiments</p> <p>Theoretical probability</p> <p>Mutually exclusive events</p> <p>Summary and review</p>					