

**Y10 Foundation textbook**

<b>Term 1</b>	<b>Term 2</b>	<b>Term 3</b>	<b>Term 4</b>	<b>Term 5</b>	<b>Term 6</b>
<p align="center"><b><u>1 - Calculations 1</u></b></p> <p>Place value</p> <p>Rounding</p> <p>Adding and subtracting</p> <p>Multiplying and dividing</p> <p>Summary and review</p>	<p align="center"><b><u>3 - Angles and polygons</u></b></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 align="center"><b><u>7 - Working in 2D</u></b></p> <p>Measuring length and angles</p> <p>Area of a 2D shape</p> <p>Transformations 1</p> <p>Transformations 2</p> <p>Summary and review</p>	<p align="center"><b><u>11 - Circles and construction</u></b></p> <p>Circles 1</p> <p>Circles 2</p> <p>Constructions</p> <p>Loci</p> <p>Summary and review</p>	<p align="center"><b><u>14 - Graphs 1</u></b></p> <p>Drawing straight line graphs</p> <p>Equation of a straight line</p> <p>Kinematic graphs</p> <p>Summary and review</p>	<p align="center"><b><u>17 - Calculations 2</u></b></p> <p>Roots and indices</p> <p>Exact calculations</p> <p>Standard form</p> <p>Summary review</p>
<p align="center"><b><u>2 - Expressions</u></b></p> <p>Terms and expressions</p> <p>Simplifying expressions</p> <p>Indices</p> <p>Expanding and factorising 1</p> <p>Summary and review</p>	<p align="center"><b><u>5 - Fractions, decimals and percentages</u></b></p> <p>Decimals and fractions</p> <p>Fractions and percentages</p> <p>Calculations with fractions</p> <p>Fractions, decimals and percentages</p> <p>Summary and review</p>	<p align="center"><b><u>9 - Measures and accuracy</u></b></p> <p>Estimation and approximation</p> <p>Calculator methods</p> <p>Measures and accuracy</p> <p>Summary and review</p>	<p align="center"><b><u>12 - Ratio and proportion</u></b></p> <p>Proportion</p> <p>Ratio</p> <p>Percentage change</p> <p>Summary and review</p>	<p align="center"><b><u>15 - Working in 3D</u></b></p> <p>3D shapes</p> <p>Volume of a prism</p> <p>Volume and surface area</p> <p>Summary and review</p>	<p align="center"><b><u>18 - Graphs 2</u></b></p> <p>Properties of quadratic functions</p> <p>Sketching functions</p> <p>Real life graphs</p> <p>Summary review</p>
<p align="center"><b><u>4 - Handling data 1</u></b></p> <p>Sampling</p> <p>Organising data 1</p> <p>Representing data 1</p> <p>Representing data 2</p> <p>Averages and spread 1</p> <p>Summary and review</p>	<p align="center"><b><u>6 - Formulae and functions</u></b></p> <p>Substituting into formulae</p> <p>Using standard formulae</p> <p>Equations, identities and functions</p> <p>Expanding and factorising 2</p> <p>Summary and review</p>	<p align="center"><b><u>10 - Equations and inequalities</u></b></p> <p>Solving linear equations 1</p> <p>Solving linear equations 2</p> <p>Quadratic equations</p> <p>Simultaneous equations</p> <p>Inequalities</p> <p>Summary and review</p>	<p align="center"><b><u>13 - Factors, powers and roots</u></b></p> <p>Factors and multiples</p> <p>Prime factor decomposition</p> <p>Powers and roots</p> <p>Summary and review</p>	<p align="center"><b><u>16 - Handling data 2</u></b></p> <p>Frequency diagrams</p> <p>Averages and spread 2</p> <p>Scatter graphs</p> <p>Correlation</p> <p>Time series</p> <p>Summary and review</p>	<p align="center"><b><u>19 - Pythagoras and trigonometry</u></b></p> <p>Pythagoras Theorem</p> <p>Trigonometry 1</p> <p>Trigonometry 2</p> <p>Vectors</p> <p>Summary and review</p>
<p align="center"><b><u>8 - Probability</u></b></p> <p>Probability experiments</p> <p>Expected outcomes</p> <p>Theoretical probability</p> <p>Mutually exclusive events</p> <p>Summary and review</p>					