



### Key Stage 4 - Foundation Programme of Study

Year Group	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
<b>10</b>	<p>Topic/Enquiry: Number Geometry</p> <p>Key knowledge: Factors, Multiples &amp; Primes Fractions Indices Standard Form Pythagoras Theorem Trigonometric Ratios</p> <p>Assessment: Section A – Knowledge Test Section B – Retrieval Test</p>	<p>Topic/Enquiry: Algebra</p> <p>Key knowledge: Substitution Expanding &amp; Factorising Equations Inequalities Rearranging Formula Quadratic Eqns Simultaneous Eqns</p> <p>Assessment: Section A – Knowledge Test Section B – Retrieval Test</p>	<p>Topic/Enquiry: Geometry</p> <p>Key knowledge: Plans &amp; Elevations Similarity &amp; Congruence Angles in Parallel Lines Construction &amp; Loci Transformations Column vectors Angles in Polygons</p> <p>Assessment: Section A – Knowledge Test Section B – Retrieval Test</p>	<p>Topic/Enquiry: Probability &amp; Statistics</p> <p>Key knowledge: Statistics &amp; Sampling Averages &amp; Spread Probability – Tree Diagrams &amp; Venn Diagrams</p> <p>Assessment: Section A – Knowledge Test Section B – Retrieval Test</p>	<p>Topic/Enquiry: Geometry Ratio &amp; Proportion</p> <p>Key knowledge: Perimeter &amp; Area Arcs &amp; Sectors Volume Surface Area FDP Ratio</p> <p>Assessment: Section A – Knowledge Test Section B – Retrieval Test</p>	<p>Topic/Enquiry: Ratio &amp; Proportion</p> <p>Key knowledge: Ratio Proportion Compound Measures Percentages</p> <p>Assessment: End of Year 10 Mock – GCSE Paper</p>
<b>11</b>	<p>Topic/Enquiry: Number Algebra</p> <p>Key Knowledge: Factors, Multiples and Primes Fractions Sequences Linear Graphs Quadratic Graphs</p>	<p>Topic/Enquiry: Geometry Statistics Ratio &amp; Proportion</p> <p>Key knowledge: Column Vectors Charts &amp; Graphs Pie Charts Scatter Graphs Percentages</p>	<p>Topic/Enquiry: Revision GCSE Exam Practice</p> <p>Assessment: Weekly Exam Practice</p>	<p>Topic/Enquiry: Revision GCSE Exam Practice</p> <p>Assessment: Weekly Exam Practice March Mock</p>	<p>Topic/Enquiry: Revision GCSE Exam Practice</p> <p>Assessment: GCSE Maths Exam</p>	

	Assessment: Section A – Knowledge Test Section B – Retrieval Test	Assessment: December Mock				
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