



Mathematics

Year 11H Curriculum Map

Unit One	Unit Two	Unit Three
<p>Topic: Algebraic Reasoning</p> <p>Key Learning: Using algebraic skills to factorise, expand, solve linear and quadratic equations and inequalities and represent these graphically.</p> <p>Assessment: Topic-test and mid-year exam</p>	<p>Topic: Trigonometry</p> <p>Key Learning: Using trigonometric ratios to solve problems and find missing lengths and angles</p> <p>Assessment: Topic-test and mid-year exam</p>	<p>Topic: Functions</p> <p>Key Learning: Using function notation to find composite and inverse functions and understand transformations of graphs in this context</p> <p>Assessment: Topic-test and mid-year exam</p>
Unit Four	Unit Five	Unit Six
<p>Topic: Vectors</p> <p>Key Learning: Use vector notation to perform vector arithmetic and proof using vecotrs</p> <p>Assessment: Topic-test and mid-year exam</p>	<p>Topic: Using graphs</p> <p>Key Learning: Using the gradients and area under graphs in real world contexts.</p> <p>Assessment: Topic-test and end-of-year exam</p>	<p>Topic: Complex Fractions</p> <p>Key Learning: Rationalising denominators of surds and working with algebraic fractions.</p> <p>Assessment: Topic-test and end-of-year exam</p>