Mathematics
Year 11H Curriculum Map

Unit One	Unit Two	Unit Three
Topic: Algebraic Reasoning **Key Learning:** Using algebraic skills to factorise, expand, solve linear and quadratic equations and inequalities and represent these graphically. **Assessment:** Topic-test and mid-year exam	**Topic: Trigonometry** **Key Learning:** Using trigonometric ratios to solve problems and find missing lengths and angles **Assessment:** Topic-test and mid-year exam	**Topic: Functions** **Key Learning:** Using function notation to find composite and inverse functions and understand transformations of graphs in this context **Assessment:** Topic-test and mid-year exam

Unit Four	Unit Five	Unit Six
Topic: Vectors **Key Learning:** Use vector notation to perform vector arithmetic and proof using vecotrs **Assessment:** Topic-test and mid-year exam	**Topic: Using graphs** **Key Learning:** Using the gradients and area under graphs in real world contexts. **Assessment:** Topic-test and end-of-year exam	**Topic: Complex Fractions** **Key Learning:** Rationalising denominators of surds and working with algebraic fractions. **Assessment:** Topic-test and end-of-year exam