

	Learning Cycle 1	Learning Cycle 2	Learning Cycle 3
Year 13	<p>CORE 3</p> <p>Theme: Algebraic fractions Theme: Functions Theme: Equations and inequalities Theme: The exponential and log functions Theme: Numerical methods Theme: Transforming graphs of functions Theme: Trigonometry Theme: Further trigonometric identities and their applications Theme: Differentiation</p>	<p>CORE 4</p> <p>Theme: Partial fractions Theme: Coordinate geometry in the (x,y) plane Theme: The binomial expansion Theme: Differentiation Theme: Vectors Theme: Integration</p>	<p>REVISION AND EXAMS</p> <p>Theme: Differentiation Theme: REVISION Key Structures: PAST PAPERS</p>
Year 13	<p>MECHANICS</p> <p>Theme: Mathematical models in probability and statistics Theme: Mathematical models in Mechanics Theme: Kinematics of a particle moving in a straight line Theme: Dynamics of a particle moving in a straight line</p>	<p>MECHANICS</p> <p>Theme: Statics of a particle Theme: Moments Theme: Vectors</p>	<p>REVISION AND EXAMS</p> <p>Theme: REVISION Key Structures: PAST PAPERS</p>