Year 12 Curriculum Grid
MATHS

There are 3 groups inYyear 12, the nature of the timetable means that they follow the course with slightly different timings, completing units at different times		
Year/term	**Unit of work**	**Intent**
Autumn 1	Core	• Series • Roots of Polynomials • Complex Numbers
	Mechanics	• Momentum and Impulse
	Statistics	• Discrete Probability Distribution Functions
Autumn 2	Core	• Argand Diagrams • Matrices
	Mechanics	• Forces and Friction • Work Energy and Power
	Statistics	• The Binomial Distribution • The Poisson Distribution
Spring 1	Core	• Matrices • Linear Transformations
	Mechanics	• Elastic Collisions in one dimension
	Statistics	• The Poisson Distribution
Spring 2	Core	• Proof by Induction • Vectors
	Mechanics	• Elastic collisions in 2 dimensions
	Statistics	• Hypothesis Tests • Chi Squared Tests
Summer 1	Core	• Vectors • Volumes of Revolution
	Mechanics	• Elastic Strings and Springs
	Statistics	• Geometric Distribution
Summer 2	Core	
	Mechanics	• Review of work done through the year using results of end of year exam to determine appropriate content
	Statistics	

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