



Head of Department :	Mr M Payne	Exam Board :	Edexcel	Level:	A2
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Students are required to achieve at least a grade 6 at GCSE level, although it is highly recommended that a grade 7 or above at GCSE level.

Edexcel A Level Mathematics

Examination 100%

Students will sit three different exams at the end of Year 13 which assess their knowledge and understanding of the following areas of Mathematics:

Paper	Length of exam	Weighting	Content
Pure Maths 1	2 hours	33.3%	<ul style="list-style-type: none">▪ Proof▪ Algebra and functions▪ Coordinate geometry in the (x,y) plane▪ Sequences and series▪ Trigonometry▪ Exponentials and logarithms▪ Differentiation▪ Integration▪ Vectors
Pure Maths 2	2 hours	33.3%	<ul style="list-style-type: none">▪ Proof▪ Algebra and functions▪ Coordinate geometry in the (x,y) plane▪ Sequences and series▪ Trigonometry▪ Differentiation▪ Integration▪ Numerical methods
Statistics and Mechanics	2 hours	33.3%	<p><u>Section A: Statistics</u></p> <ul style="list-style-type: none">▪ Statistical sampling▪ Data presentation and interpretation▪ Probability▪ Statistical distributions▪ Statistical hypothesis testing <p><u>Section B: Mechanics</u></p> <ul style="list-style-type: none">▪ Quantities and units in mechanics▪ Kinematics▪ Forces and Newton's laws▪ Moments