

FURTHER MATHEMATICS

Course Length: Studied over two years
Examination Board: AQA
Course Leader: Mrs R Statham (statham@queenelizabeths.derbyshire.sch.uk)
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AS Level	A2 Level
This extends the knowledge and skills studied in A-Level Mathematics. The study areas are Algebra and Graphs, Roots of Quadratic Equations, Series, Calculus, Numerical Methods and Trigonometry. New topics introduced are Complex Numbers and Matrices, along with applied mathematics.	This assumes prior coverage of A-Level Mathematics and goes deeper into Calculus. Differential Equations of first and second order are studied in detail. Other topics on the programme of study are polar co-ordinates, complex numbers, matrices, trigonometry and vectors. There will be work on applied mathematics alongside this.

Assessment			
Paper No.	Assessment	AS %	A2 %
Paper 1	Written Exam: 1hr 30min	50%	-
Paper 2	Written Exam: 1hr 30min	50%	-
Paper 1	Written Exam: 2hr	-	33.3%
Paper 2	Written Exam: 2hr	-	33.3%
Paper 3	Written Exam: 2hr	-	33.3%