

Subject: Further Mathematics	
Examination Board: Edexcel	Specification code: 9FM0
Module/Paper	Content
Paper 1: Further Pure Mathematics 1 (9FM0/01)	<ol style="list-style-type: none"> 1. Proof 2. Complex Numbers 3. Matrices 4. Further Algebra & Functions 5. Further Calculus 6. Further Vectors
Paper 2: Further Pure Mathematics 2 (9FM0/02)	<ol style="list-style-type: none"> 1. Complex Numbers 2. Further Algebra & Functions 3. Further Calculus 4. Polar Co-ordinates 5. Hyperbolic Functions 6. Differential Equations
Paper 3: Two Optional Modules from	Further Pure 3 Further Statistics 1 Further Mechanics 1 Decision Mathematics 1 (these will be partly self-taught and allows students to take their own direction. A decision on which two you take can be made during Year 13)
<p>What students can expect from the course:</p> <p>The is a new course. The content for Papers 1 and 2 is entirely prescribed and matches qualifications offered by AQA and OCR. Further Maths must be taken in addition to regular A level maths (9MA0). It is even more rigorous and will provide at least half of your timetable with demanding maths. The very best students, with highest aptitude, a passion for maths and thorough determination should attempt the course. Homework will be set every lesson and collaborative, peer-to-peer learning is again an expectation. You will need to purchase a new calculator such as the Casio fx-991es plus, or equivalent.</p>	
<p>Expected GCSE qualifications:</p> <p>We recommend students have achieved a Grade 8 in Maths to be successful at A Level.</p>	