

## **FURTHER MATHEMATICS - A LEVEL**

**You can only take this option in addition to Mathematics A Level.**

**Both qualifications must be taken alongside one another.**

<b>Course Content</b>
<b>Duration of course: 2 Years</b>
<b>Four equally weighted examinations at the end of year 13:</b>
Paper 1 – Core Pure Mathematics 1
Paper 2 – Core Pure Mathematics 2
Paper 3 - Further Mathematics Option 1
Paper 4 – Further Mathematics Option 2
<b>Teaching and Learning</b>
A level Further Mathematics is a separate A level that is taken in addition to taking A level Mathematics. Half of the content of this will be Further Pure and the remainder will be from options such as Mechanics, Statistics, Decision Mathematics or extra Further Pure.
This course provides students with a taste of a more independent style of learning, which is good preparation for university or a career.
<b>Assessment</b>
AS Further Maths will be assessed at the end of Year 12. A-Level Further Maths is examined in full in May/June of Year 13 and each examination is 2 hours. There is no coursework element to this course.
<b>Progression</b>
It is a challenging qualification, which both extends and deepens knowledge and understanding beyond the standard A level Mathematics. For someone who enjoys mathematics, it provides a challenge and a chance to explore new and/or more sophisticated mathematical concepts. Students who take Further Mathematics find that the additional time spent studying mathematics boosts their marks in single A level Mathematics. Further Maths makes the transition from sixth form to university courses which are mathematically rich that much easier as more of the first year course content will be familiar. It enables students to distinguish themselves as able mathematicians in their applications for university and future employment.
<b>Entry Requirements</b>
Grade 9 (High Grade 8) at GCSE Maths
<b>Examination Board</b>
Edexcel
<b>Further Details</b>
Mrs E Cowdell