

FURTHER MATHS A LEVEL

An increasing number of students are choosing to take Further Maths and an increasing number of institutions look favourably on students who have followed this subject to A Level. It adds both breadth and depth to the study of Maths and introduces topics such as complex numbers and linear programming that are important parts of university study in many subjects. The Course is taught by a dedicated team of subject specialists and, unlike some schools, Further Maths is allocated the same number of lessons as all other A Levels.

WHY STUDY FURTHER MATHS AT A LEVEL?

Students taking Further Maths overwhelmingly find it to be an enjoyable, rewarding, stimulating and empowering experience. If you enjoy Maths, it provides a challenge and a chance to explore new and/or more sophisticated mathematical concepts. It 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.

WHAT WILL I STUDY?

The subject content consists of Pure Maths, Discrete Maths and Further Statistics.

Learners are expected to be able to use their knowledge to reason mathematically and solve problems both within Maths and in context.

HOW WILL I LEARN?

Lessons are largely teacher-led, particularly in the early part of the Course. There are many opportunities for using ICT resources in the form of programmes like 'Autograph' or relevant websites. In the later stages of the course, individual skill-building becomes important, and the ICT resources available can help here. Homework and self-study make up an important part of the Course.

WHERE COULD THIS COURSE TAKE ME?

Further Maths qualifications are highly regarded and are warmly welcomed by universities. Students who take Further Maths are really demonstrating a strong commitment to their studies, as well as learning Maths which is very useful for any mathematically rich degree. Some prestigious university courses require you to have a Further Maths qualification and others may adjust their grade requirements more favourably to students with Further Maths.

A Further Maths qualification identifies you as having excellent analytical skills, whatever area you are considering for a career.

ENTRY REQUIREMENTS	ASSESSMENT COMPONENTS
Standard Entry Requirements including GCSE Grade 8 or above in Maths. You must also study A Level Maths.	Exam Board Pearson Code 9FM0FO Students will take four, two hour exam papers at the end of Yr13. Each paper is worth a 1/4 of the final mark. Paper 1: Pure Core 1 Paper 2: Pure Core 2 Paper 3: Further Statistics Paper 4: Decision Maths