

Pearson A-Level Further Mathematics

Head of Department: Mrs. L. Wiles

Department Information

We have a strong team of 4 Further Mathematics subject specialists.

Students are required to purchase their own texts and revision resources.

Why study this course?

Studying Further Mathematics will:

- provide a stimulating and challenging course
- develop key employability skills such as problem-solving, logical reasoning, communication and resilience;
- increase knowledge and understanding of mathematical techniques and their applications
- support the study of other A level subjects
- provide excellent preparation for a wide range of university courses
- lead to a versatile qualification that is well-respected by employers and higher education

Aims of the course

This course is intended to extend and develop the mathematical knowledge and skills that you obtain when studying A-level Mathematics. It is aimed at those who have a real passion for the subject and want to take up additional Mathematics. Mathematics A Level is sufficient for most students and Further Mathematics is only taken by the more able who aim to study mathematical subjects at degree level.

Course outline

Further Mathematics is an additional A level qualification taken alongside A level Mathematics.

It is designed to stretch and challenge able mathematicians introducing new techniques and concepts such as complex numbers and matrices.

It is excellent preparation for degree courses in mathematics and other mathematical subjects.

How am I assessed?

There is no coursework in Maths. Progress is monitored by regular tests and home works. There are also mock exams for each module as the time for exams approaches.

There are 4 equally weighted exams at the end of the course.

Where does this course lead?

The Further Maths course is suitable for students with a particular interest and ability in Maths and provides a firm foundation for further study in Maths and subjects that rely heavily on Maths such as Physics and a number of Engineering disciplines. A Further Maths qualification often facilitates university entrance for these subjects.