

Maths: Further Maths

Subject:

A level Further Mathematics is fun and rewarding. It broadens your mathematical skills and promotes deeper mathematical thinking. Studying A level Further Mathematics is likely to improve your grade in A level Mathematics. The extra time, additional practice, further consolidation and development of techniques contribute to improved results in A level Mathematics.

If you are planning to take a degree such as Engineering, Sciences, Computing, Finance/Economics, etc., or perhaps Mathematics itself, you will benefit enormously from taking Further Mathematics, at least to AS level. AS Further Mathematics introduces new topics that are vital in many STEM degrees. Students who have studied Further Mathematics find the transition to such degrees far more straightforward.

Team members:

Mr R Kinrade

Facilities:

Maths suite
Classroom based

Curriculum Summary: (KS3, KS4 and KS5)

The same as for A level mathematics. All students should have studied GCSE Mathematics at the Higher Level and should discuss their suitability for this course with Mrs Raybould / Mr Kinrade before applying.

You will be introduced to interesting new areas of pure mathematics such as complex numbers and matrices and apply mathematics in a wider range of contexts. This course places an emphasis on higher order technical proficiency, rigorous argument and problem solving skills and so offers the opportunity to stretch and challenge students.

Links to useful sites:

www.furthermaths.org.uk
www.integralmaths.org.uk
www.ucas.ac.uk

Extra-curricular activities available in the CA:

Lessons take place both in school time and after school or before school.