



## **Further Mathematics A-Level**

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**Entry Requirement: Grade 8 in GCSE Mathematics (Grade 9 recommended)**

**Awarding Body: AQA**

### **Style of course**

Further Mathematics complements the material covered in the A-Level Mathematics course, allowing students to go into greater depth.

Students who undertake Further Mathematics alongside their Mathematics studies will complete an additional three examinations in Year 13, finishing the two year period with an A-Level in Further Mathematics and in Mathematics.

### **Why choose to study Further Mathematics?**

Further Mathematics is mainly studied by pupils who wish to study a degree with significant mathematical content but it is also suitable for those looking to challenge themselves within the subject. It is ideal preparation for students planning to go on to degree courses in mathematics-rich subjects such as Engineering, Physics, Computing and Finance/Economics, as well as Mathematics itself

As well as introducing students to study a wider range of mathematics, it also improves their mathematical fluency, which often helps them to improve their A-Level Mathematics grade as well. University departments in mathematics-rich subjects are very keen for students to take Further Mathematics qualifications.

### **Is Further Mathematics just for the most able students?**

Those students taking Further Mathematics will typically spend half of their lesson time studying some form of mathematics. Therefore, the most important thing is that they enjoy the subject. All pupils who take Further Mathematics will be studying four A-Levels so it is therefore important that they are proficient enough that they can make efficient progress in the Mathematics A-Level leaving them capacity for the extra study.