Mathematics
A Level (AQA)

St Mary's College Sixth Form

Aims of the course:

A Level Mathematics and Further Mathematics enable students to think mathematically and enable them to develop their skills at problem solving. These important skills are of value to many university courses which range from Statistics, Geography and Economics to Pure Mathematics and Engineering. The Further Maths course builds on elements from the maths course and also introduces new and wonderful mathematics like Discrete maths.

What are lessons like?

We have very skilled staff who work hard to see that you are well-supported as you earn your qualifications. During 5 one hour lessons you will be taught by 2 staff. Although there is no coursework, we use a range of assessments to help you stay on track. We offer a number of maths clinics a week to help with revision and catch-up. We take part in the UKMT challenges and there are lots of opportunities to grow as a mathematician.

What are exams like?

- There are 3 two hour exams at the end of Year 13
- Paper 1 - a pure paper
- Paper 2 - a pure and mechanics paper
- Paper 3 - a pure and statistics paper

Recommended prior learning /entry requirements:

You will need strong skills in algebra and we are always able to help students to consolidate these skills and build on them.

A minimum of a grade 7 is needed to study A Level Maths.

Course leader: Miss F Dean

Recommended additional reading:

A variety of text books will be supplied. A course handbook is issued at the start of the course. Students will need to purchase a graphical calculator which cost approximately £45.

Where can this course lead to?

Mathematics opens doors and is a key subject for further study. Lots of university courses contain a maths component such as geography, psychology, economics and accountancy. Lots of others, like medicine, computing, statistics and engineering often require a good grade in A Level maths.

Why study Maths at St Mary's College Sixth Form?

We are a supportive and knowledgeable department with a strong track record. We offer lots of opportunities to students to enjoy and succeed at maths at the advanced level.

Come and join us!

Course leader: Miss F Dean