

MATHS A LEVEL

For many years Maths A Level has been one of the most popular A Level Courses at Kings. Maths is one of the best subjects to develop your analytical, research and problem-solving skills. Not only will studying Maths help give you the knowledge to tackle scientific, mechanical, coding and abstract problems, it will also help you develop logic to tackle everyday issues like planning projects, managing budgets and even debating effectively.

WHY STUDY MATHS AT A LEVEL?

Maths is a fun subject with many intellectually stimulating challenges. It gives students an opportunity to express themselves in a more analytical and technical medium.

Maths provides a vital support for the study of many Sciences and other subjects.

A good Maths A Level is required to study a large range of subjects at university.

Students will be able to demonstrate a higher degree of problem-solving and mathematical ability which is highly sought-after by many employers.

WHAT WILL I STUDY?

The subject content is divided into three areas: Pure Maths, Statistics and Mechanics. All students now study the same course material. 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, such as '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 is set regularly and is an essential part of the Course. Students are also expected to complete additional study at home to deepen their understanding of the work covered in class.

WHERE COULD THIS COURSE TAKE ME?

A spokesperson for the Institute of Mathematics and its Applications says:

"A Level Maths is tremendously important. It provides a firm foundation for all Scientific, Technical, Engineering and Mathematical careers and a flying start for many other types of career, such as those in Finance, Medicine, Agriculture ... etc. The list is endless!"

www.wherestemtakeyou.co.uk

ENTRY REQUIREMENTS	ASSESSMENT COMPONENTS
Standard Entry Requirements. GCSE Maths Grade 7 or above is advised. GCSE Maths Grade 6 will require discussion with the Head of Maths to ensure A Level ready.	Exam Board Pearson Code 9MA0 Students will take three two hour exam papers at the end of Year 13. Each paper is worth a 1/3 of the final mark. Paper 1: Pure Maths Paper 2: Pure Maths Paper 3: Statistics and Mechanics.