

# Mathematics and Further Mathematics

The Advanced Level Mathematics course is a two year course based around extending your knowledge of GCSE maths into 3 further areas of mathematics:

- Pure Mathematics
- Mechanics
- Statistics

Two thirds of the course is based around pure mathematics with the other third being made up of the applied modules mechanics and statistics.

There are three equally weighted two hour long examinations taken at the end of the two year course in June of year 13. All three papers include a mix of question styles from short single mark questions to multi step problems. Paper 1 tests just the pure mathematics part of the course. Paper 2 tests pure mathematics and mechanics and paper 3 tests pure mathematics and statistics.

Studying A level Mathematics will give you an understanding of the principles of mathematics that you will need for further study of mathematical related disciplines at University. There is an option to study further areas of mathematics this leads to a second A level in Further Mathematics. This option should be considered by all those students expecting to take mathematics as a subject at degree level.

## WHERE TO NEXT?

Mathematics and Further Mathematics A levels are useful for those considering degrees in subjects with a high mathematical content including business studies, economics, the sciences, applied sciences and engineering. Former students who achieved top scores are studying Natural Sciences at Cambridge, Neuroscience at UCL, Maths at Surrey University, and History at Nottingham.

A LEVEL

AQA

### Assessment

100% exams.

#### 2018 results:

Mathematics 67%  
A\* - C,  
100% pass rate

Further Mathematics  
67% A\* - C,  
100% pass rate

#### 2017 results:

Mathematics 72%  
A\* - C,  
100% pass rate

Further Mathematics  
90% A\* - C,  
100% pass rate

