



# Mathematics A Level

A Level Mathematics is a mixture of pure (core) mathematics and applied mathematics. The course consists of mathematical thinking, statistics and mechanics and subsequently has clear links with a number of additional A Level courses. Mathematics is a requirement for several university degrees and is a well regarded A Level choice across many Russell Group universities including Oxbridge. With mathematics A Level you will be benefitting from:

- a stimulating and challenging course that develops logical thinking;
- opportunities to develop key employability skills;
- excellent preparation for a wide range of university courses and a versatile qualification that is well-respected by employers and higher education.

## Skills Required

A resilient, inquiring mind that thrives on problem solving and is confident with playing with numbers.

## Breakdown of assessment

Three, two hour examinations at the end of the second year including pure maths, statistics and mechanics. All exams are calculator papers.

## Entry Requirements

- Grade 7 or above in Mathematics GCSE
- 5 GCSEs at grade 5 or above

*For extremely capable students (with a Grade 8 or 9) there is the opportunity to take the Further Mathematics A Level course. This would involve a considerable amount of independent study and can only be undertaken after discussion with Ms Lodge and Mr Webb.*