

# Mathematics

## A Level

By studying Mathematics at A Level students demonstrate to a potential employer that they are not afraid of challenge. The logic and reasoning skills developed in Mathematics A Level are such that the qualification is widely respected even in non-mathematical arenas. Is the UK crime rate related to economic conditions? How can maths help endangered species? You can learn to solve problems such as these beyond the A Level specification.

### A Level

Paper 1: Pure Mathematics 1

Paper 2: Pure Mathematics 2

Paper 3: Statistics and Mechanics

### How will I learn?

Lectures; discussions; websites; graphing packages; self and peer assessment and lots of practice.

### Where can I go after the course?

Careers: Business; Banking; Finance; Insurance; Industry; Teaching; Management and Logistics.

Further Education: Business; Engineering;

Accountancy; Physics; Statistics; Management.

### Entry Requirements

Standard 6th Form entry requirements. Students will require a grade 7 (or above) in GCSE Mathematics.

### Assessment

Three written exams, each 2 hours long.

Paper 1: Pure 100 marks (33.33%)

Paper 2: Pure 100 marks (33.33%)

Paper 3:

Statistics 50 marks (16.66%)

Mechanics 50 marks (16.66%)

### Exam Board

Edexcel

