

MATHEMATICS

PEARSON EDEXCEL | 8MA0 (AS LEVEL) / 9MA0 (A LEVEL)

We live in a highly complex technical world and any post-16 Mathematics qualification is highly valued by universities and employers as it develops analytical and problem solving skills. Mathematics is an absorbing and fascinating subject and this becomes more evident as you gain a real in-depth understanding of the concepts in this course.

Please be aware that the AS Mathematics qualification is separate from A Level and will not count towards it. Pupils will be re-examined on AS content in the A Level examinations.

THE COURSE

This course builds on the knowledge and skills acquired at GCSE and aims to encourage pupils to reason, interpret and communicate mathematically both within pure mathematics and in a variety of contexts. By the end of the course, pupils will understand mathematics and mathematical processes in a way that promotes confidence, fosters enjoyment and provides a strong foundation for progress to further study or employment.

ASSESSMENTS

AS LEVEL

- Paper 1 - Pure Mathematics 1
62.5% (2 hrs)
- Paper 2 - Statistics and Mechanics
37.5% (1 hr 15 mins)

A LEVEL

- Paper 1 - Pure Mathematics 1
33.33% (2 hrs)
- Paper 2 - Pure Mathematics 2
33.33% (2 hrs)
- Paper 3 - Statistics and Mechanics
33.33% (2 hrs)

BEYOND THE COURSE

What subjects does Mathematics go with? All of them! There is no subject that is not complemented by Mathematics. Subjects such as Physics, Chemistry, Biology, Geography and Economics are all greatly enhanced by following this subject at A Level. You will be at a considerable advantage if you wish to take any course that involves the study of statistical data such as Business, Medicine, Economics and Geography.

**GOOD
TO KNOW...**

A minimum of a grade 6 at GCSE Mathematics is required for any girls considering this subject.