

LEVEL 3 / A LEVEL

MATHEMATICS

Mathematics is a fantastic subject which combines Pure Mathematics topics such as algebra, geometry and functions with Applied Mathematics modules. The study of Mathematics shows potential employers that you have a highly logical mind that can present organised arguments to solve numerical problems – a skill which is widely sought.

Specific course entry requirements

College entry to include a minimum grade 6 in GCSE Mathematics (please refer to the Entry Requirements section on the college website for further details).

How will I be assessed?

100% Examination.

What will I study?

Mathematics brings together topics that you study at school with advanced techniques, including coordinate geometry, algebra, trigonometry, logarithms and calculus, and you will use methods of integration and differentiation to calculate rates of change. Students will also study Statistics and Mechanics, applying advanced probability concepts and Newton's Laws.

Where will this course lead me?

Students with A level Mathematics have excellent study and career opportunities. The qualification is very highly regarded for a broad range of university courses and is highly valued by employers. Many students will progress to mathematics degrees or engineering and science-based courses including medicine. Future opportunities include training as an accountant or an economist.