



MATHS

Qualification: A-Level

Overview of subject:

Studying maths develops your numeracy, graphical and problem-solving skills. These skills are really useful preparation for the maths used in many university degree courses, higher apprenticeships, and the workplace. It can also increase your confidence and fluency in the maths used in everyday life.

Topics studied in the syllabus include:

- Coordinate geometry
- Trigonometry
- Algebraic proof
- Calculus
- Probability distributions and hypothesis testing
- Sampling and data presentation
- Kinematics in two dimensions
- Forces, moments and Newton's laws

The course might be of interest to:

This course is aimed at people who enjoy maths and solving problems. You should have good reasoning and logic skills, and be prepared to work outside of the classroom. The minimum grade requirement is a 6 at GCSE.

Potential future pathways:

If you are considering any STEM related course at university then this course would be beneficial to you. The analytic and problem solving skills developed are highly sought after by employers.