



MATHS

Qualification: A-Level

Overview of subject:

Mathematics is one of the biggest facilitating subjects, highly regarded by the elite, Russell Group universities, and is essential for many higher education courses and careers. It is a stimulating and challenging course that covers various areas of pure and applied mathematics.

Topics studied in the syllabus include:

- Algebra and Functions
- Coordinate Geometry
- Trigonometry
- Exponentials and Logarithms
- Calculus
- Proof
- Statistics
- Mechanics

The course might be of interest to:

Students who are excelling in mathematics at GCSE and enjoy studying the realms of logic and reason. Students will need to gain at least a grade 6 in GCSE mathematics and need to be prepared to work hard independently outside the classroom.

Potential future pathways:

In addition to being requisite for many degree courses, A-Level Mathematics is also very desirable for employment or training straight from school as it develops key transferable skills such as problem-solving, logical reasoning and resilience.

You can find out more about the careers mathematics can lead you to on:
www.mathscareers.org.uk