Maths

Qualification: A-Level Mathematics
Additional Entry Information: Maths B at higher tier
Speak to **Mr R Fisher** for more information.

What do students need to know or be able to do before taking the course?

Students will need to be proficient in higher tier algebraic skills

What will students learn on this course (skills and course content)?

This is a modular course. In year 12 students will study one unit on Pure Mathematics (Unit 1) and one in Applied Mathematics (Unit 2) (Statistics and Mechanics) leading to an AS level in Mathematics. Progress to A Level Maths in year 13 will depend upon a satisfactory standard being attained at AS. In year 13 students will again study one unit in Pure Mathematics (Unit 3) and one in Applied Mathematics (Unit 4) (Statistics, Mechanics and Differential Equations) leading to an A level in Mathematics.

What sort of student is this course suitable for?

This course suits students who are highly numerate and enjoy problem solving.

What kind of work will students need to be able to do outside of lessons?

Homework is a large part of the course and students will be given 3 - 4 hours of work each week to be completed outside of the classwork

What is the course content and how is this assessed?

The 2 AS exams (making up 40% of the final mark) will be taken in June of year 12 and the 2 A2 exams (making up 60% of the final mark) in June of year 13.

What could students go on to do at the end of this course?

Supports engineering disciplines and many science/social science degrees.