MATHEMATICS

WHY STUDY THIS COURSE?

Mathematics is a fascinating subject that provides a gateway to much of the world around us and the future of mankind. The knowledge gained by A' level provides the building blocks for science, technology and finance.

COURSE DETAILS

Qualification: A' level Mathematics

Awarding Body: OCR MEI
Entry Requirements: 5 GCSE grades 4-9, including English Language. Maths grade 7

Mathematics is one of the main facilitating subjects for study at university and is highly regarded for entry into medicine, dentistry, engineering, law and economics. As well as the benefits to further study, it is recognised that taking STEM subjects at A' level provides greater career opportunities, as well as leading to jobs with higher salaries.

COURSE STRUCTURE & ASSESSMENT

Students will continue to study the algebra and number topics from GCSE as well as some geometry. All students will also study mechanics and statistics topics, including hypothesis testing, kinematics and Newton's laws of motion amongst others.

All students will sit three examinations at the end of Year 13: Pure Mathematics and comprehension, Pure Mathematics & Mechanics and Pure Mathematics & Statistics.