

Subject: Mathematics

Level: A Level

Entry Requirements

6 – 9 GCSE Mathematics, with a strong preference for 7 and above.

Who is the course for?

Students who genuinely find the subject interesting and are willing to put in a considerable amount of effort. It should not be taken to 'fill a gap' in a timetable. Additionally, students who are also studying physics, chemistry, biology and geography will find A Level Mathematics useful, especially if they intend to apply to university.

How will I learn?

A combination of lessons (five per week) and private study (students should expect to devote up to three hours per week here). We continue to follow the "I", "We" and "You" phases of the lesson as per the Central Academy Teaching and Learning Fundamentals, with much of the "You" phase occurring during independent study.

Further Education & Career Pathways:

'A' Level Mathematics is known as a facilitating subject. It is essential for anyone considering a university course in Engineering, Computer Science, Physics or a closely related discipline, and obviously Mathematics itself. It is also very useful for Economics and other degrees where an element of Statistics is involved. However, due to its demanding nature it is also recognised by employers as one of the best ways of identifying intellect among their applicants. It is well known that people with mathematical skills go on to earn higher than average salaries.

Course Outline

Over the 2 year course students will study both pure and applied content. At the end of the two-year programme there will be three exams;

Paper 1: 33.33% Pure Maths 1 2 Hours Written Exam AS and A level pure maths content can be assessed	Paper 2: 33.33% Pure Maths 2 2 Hours Written Exam AS and A level pure maths content can be assessed	Paper 3: 33.33% Statistics and Mechanics 2 Hours Written Exam Separate sections for statistics and mechanics
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Your teachers

Anyone from the Maths Team, but in recent years this has been a mixture of Mr Edwards, Mr Hurst, Mrs Lovatt and Miss Noble.