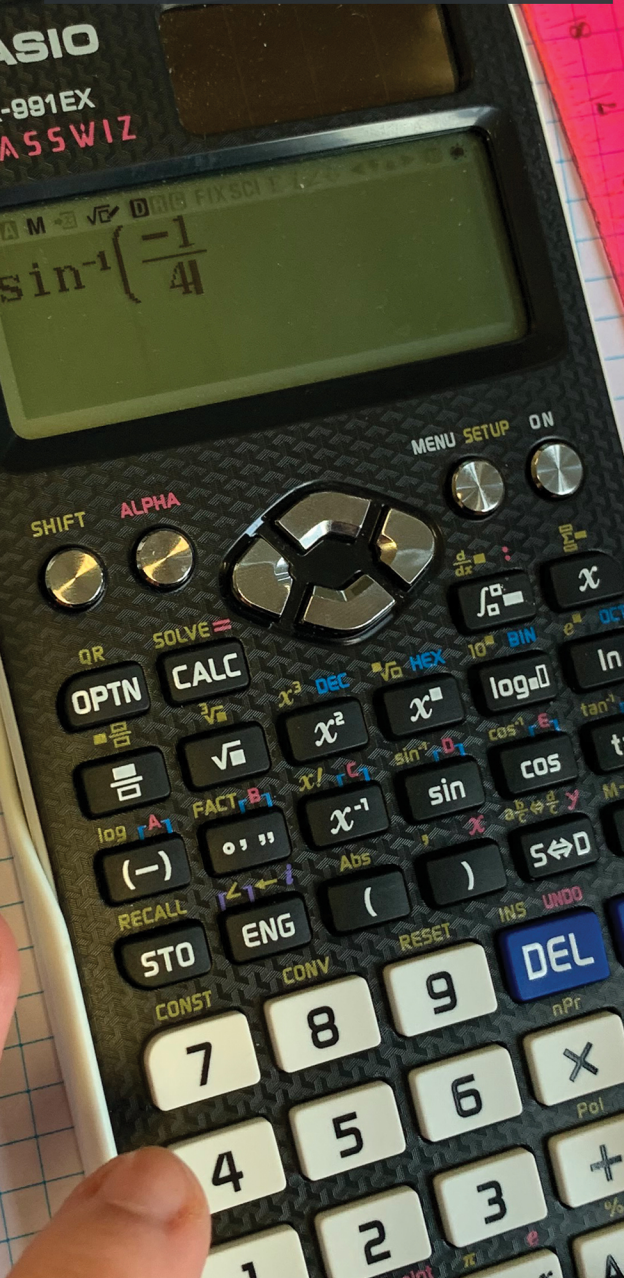


"I am glad I chose maths as one of my A-levels. There is a mixture of applied and general maths so you can actually see the use of doing something and you can apply your knowledge from all the different topics and see all of it come together which is quite satisfying. It also works well with other subjects such as the sciences as you can solve the maths related problems quickly and easily."

Jasmine Blight



Mathematics

Why study Mathematics?

Mathematics encourages learners to develop an understanding of mathematics and mathematical processes in a way which boosts confidence and encourages enjoyment. It encourages learners to use mathematics as an effective means of communication and recognise how a situation can be represented mathematically and understand the relationship between problems of the 'real world' and standard models and other mathematical models.

Mathematics will suit you if you have a natural ability or if you have the drive and the perseverance to succeed in this challenging but worthwhile subject.

Entry requirements

A high grade in GCSE, a minimum of 'B' grade in the Mathematics Higher Tier, is essential to secure a place on the A Level Mathematics course.

Course details and assessment format

AS

Unit 1: Pure Mathematics A: Written examination, 2 hours 30 minutes, 120 marks [25%]

Unit 2: Applied Mathematics A: Written examination, 1 hour 45 minutes, 75 marks [15%]

This paper has two sections:

Section A: Statistics (40 marks)

Section B: Mechanics (35 marks)

A Level

Unit 3: Pure Mathematics B: Written examination, 2 hours 30 minutes, 120 marks [35%].

Unit 4: Applied Mathematics B: Written examination, 1 hour 45 minutes, 80 marks [25%]

This paper has two sections:

Section A: Statistics (40 marks)

Section B: Differential Equations and Mechanics (40 marks)

Career Opportunities:

A Level Mathematics is held in high regard by employers and admission tutors at universities, which makes it a very useful qualification.

Examples of Maths-related careers: Accountant, Actuary, Astronomer, Engineer, Economist, Teacher, Doctor.

