

# Maths

- A level
- Edexcel 9MA0
- Teachers: Mr Speller, Ms Bushell, Ms Hassan, Ms Krasniqi, Mr Bedier

## Assessment

Three exams, taken at the end of 2-year course.

## Aim

- Mathematical argument, language and proof
- Mathematical problem solving
- Mathematical modelling

## Content

**Pure:** Proof, algebra and functions, co-ordinate geometry, sequences and series, trigonometry, exponentials and logarithms, calculus, vectors.

**Statistics:** Statistical sampling, data presentation and interpretation, probability, statistical distributions, statistical hypothesis testing.

**Mechanics:** Quantities, kinematics, forces and Newton's laws, moments)

## Why choose maths?

- Gain mathematical skills that help with the transition into higher education
- Maths complements many other A level subjects
- Learning mathematical skills will help in many careers
- Understanding of the mathematics that underpins many aspects of our lives
- Acute logical thinking and problem-solving abilities
- The ability to process, interpret and analyse information



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