

# MATHEMATICS

Examination Board: AQA GCSE (9-1) Mathematics 8300

[GCSE Mathematics](#)

## Course Description:

The course is broadly divided into five key elements:

- Number
- Ratio, proportion and rates of change
- Algebra
- Geometry and Measures
- Statistics and Probability

During the course, students are given opportunities to develop problem solving skills using and applying the mathematics they have learned in the key elements. Students will be expected to work individually and with others to master various techniques which they can apply to exam questions. Lessons incorporate use of ICT, visual resources, interactive tasks, work from textbooks and exam preparation.

Students in the top sets will also study for an additional mathematics qualification selected to suit the needs and strengths of the group.

## Assessment:

This qualification is assessed through three exam papers, each of which is worth one third of the marks for the GCSE. A calculator is not allowed in paper 1. All three papers test a range of topics from the 5 key elements. Each exam is 1½ hours long.

There is no coursework for this qualification.

Students will take examinations at the tier most appropriate to their ability and target grade

Higher 4 - 9
Foundation 1 - 5

## Grouping:

Students are grouped according to the level achieved at Key Stage 3, and their target grade at GCSE.

## Why Study Mathematics?

All students continue their study of Mathematics to GCSE. A GCSE in Maths is an essential foundation when applying for most courses and jobs on completion of their school journey.

**Further information on GCSE Mathematics can be obtained from Mrs H Scourfield, Head of Mathematics**