

The study of Maths aims to help you develop confidence in, and a positive attitude towards, mathematics and to recognise the importance of mathematics in your own life and to society. Success in Maths requires a disciplined approach to study. Being able to understand and use numbers and mathematical concepts will be a valuable asset for many careers.

This specification aims to enable you to:

- Develop fluent knowledge, skills and understanding of mathematical methods.
- Acquire, select and apply mathematical techniques to solve problems.
- Reason mathematically, make deductions and inferences and draw conclusions.
- Comprehend, interpret and communicate mathematical information.

During the two years, opportunities will be provided for you to:

- Use and apply standard techniques.
- Reason, interpret and communicate mathematically.
- Solve problems within mathematics and in other contexts.

## How will I be assessed?

You will be entered for the higher tier (grades 4 – 9) which consists of three written papers. Content from any part of the specification may be assessed on any of the papers. On each paper there will be a mix of question styles, from short, single-mark questions to multi-step problems. The mathematical demand increases as you progress through the paper.

**Each written paper is 1 hour 30 minutes and is worth 80 marks, which is 33⅓% of the GCSE Mathematics assessment.**

Paper 1 is non-calculator and Papers 2 and 3 allow a calculator to be used.

The subject content is split into 6 areas: number; algebra; ratio, proportion and rates of change; geometry and measures; probability; statistics.

## Further Information

Exam Board: AQA Syllabus 8300

[www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300](http://www.aqa.org.uk/subjects/mathematics/gcse/mathematics-8300)