

AQA GCSE Mathematics:8300

Pupils will be entered for the **AQA GCSE Mathematics 8300** exam.

GCSE Mathematics: Subject Content

1. Number
2. Algebra
3. Ratio, Proportion and rates of change
4. Geometry and Measures
5. Probability
6. Statistics

GCSE Mathematics has a Foundation tier (grades 1 – 5) and a Higher tier (grades 4 – 9). Students must take three question papers at the same tier. All question papers must be taken in the same series.

The information below is the same for both Foundation and Higher tiers.

GCSE Mathematics: How it's assessed

Paper 1: non-calculator

What's assessed?

Content from any part of the specification

How it's assessed

- Written examination: 1 hour 30 minutes
- 80 marks
- Non-calculator
- 33 $\frac{1}{3}$ % of the GCSE maths assessment

Questions

A mix of question styles, from short, single-mark questions to multiple step problems. The mathematical demand increases as a student progresses through the paper.

Paper 2: calculator

What's assessed?

Content from any part of the specification

How it's assessed

- Written examination: 1 hour 30 minutes
- 80 marks
- Calculator allowed
- 33 $\frac{1}{3}$ % of the GCSE maths assessment

Questions

A mix of question styles, from short, single-mark questions to multiple step problems. The mathematical demand increases as a student progresses through the paper.

Paper 3: calculator

What's assessed?

Content from any part of the specification

How it's assessed

- Written examination: 1 hour 30 minutes
- 80 marks
- Calculator allowed
- 33⅓% of the GCSE maths assessment

Questions

A mix of question styles, from short, single-mark questions to multiple step problems. The mathematical demand increases as a student progresses through the paper.

There is a big emphasis on real life applications of Maths in exam questions and pupils will be required to apply their Maths skills to new situations.

Pupils will be entered for either Higher or Foundation. The final decision about which tier to enter students for will not be made until Year 11. Pupils have been closely monitored throughout lower school and we will continue to do this throughout the GCSE course. Assessment of GCSE Maths is 100% exam so regular revision throughout the course is essential if students are to do well.

Homework will be set regularly for all pupils and we welcome parents' support in ensuring it is carried out.

A calculator is essential for GCSE Mathematics and pupils need to provide their own. They can be purchased through school at a reduced rate and information on the most suitable types to buy is available from the Department's staff.

This subject leads to A level Mathematics and Further Mathematics at ag6.