

GCSE Mathematics

Examination Board:

AQA

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kasia.kempin@abbeyfieldschool.org.uk**Why study Mathematics?**

A good mathematics GCSE is a requirement for many A Level courses.

Mathematics skills and qualifications are often crucial in gaining places on Apprenticeships, at College and in the Sixth Form.

Numeracy skills also play a vital role in everyday life, particularly as you become an adult in charge of your own finances.

Possible next steps (including careers)

Mathematics qualifications is very important for entry to all courses in Higher Education, Colleges and to employers.

Undertaking A level Mathematics, possibly A level Further Mathematics.

Examples of careers opportunities that involve Mathematics: accountancy, actuary, air traffic controller, bank manager, criminologist, stockbroker, financial adviser.

Aptitudes needed

An interest in Mathematical knowledge, with ability to follow methods and procedural instructions. Willingness to contribute to discussions and solving mathematical problems. Ability to keep to deadlines and good organisation skills which include bringing required equipment.

Topic Structure

All students follow the new GCSE specification. There are two tiers of entry for KS4 Mathematics. Students are entered for the Foundation Tier or the Higher Tier depending on their ability.

The curriculum covers the following strands:

- Number
- Proportion
- Algebra
- Geometry
- Data
- Probability

Assessment Structure

You will have to complete three written examinations, taken at the end of the Year 11:

Paper One, non-calculator paper. 90min, 80 marks

Paper Two and Three, both calculator papers, 90min each, 80 marks each