

GCSE Mathematics

Examination Board: AQA

Contact: Mrs S Baxter



Course Aims:

Maths is for everyone. It is diverse, engaging and essential in equipping pupils with the right skills to reach their future destination, whatever that may be. At Venerable Bede, we support pupils to engage with, explore, enjoy and succeed in Maths, by putting pupils at the heart of everything we do. We aim to:

- develop pupils' confidence to use mathematics to tackle problems in the work place and everyday life
- develop fluent knowledge, skills and understanding of mathematical methods and concepts
- acquire, select and apply mathematical techniques to solve problems
- develop pupils' ability to think and reason mathematically, make deductions/inferences and draw conclusions
- develop a firm foundation for appropriate further study

All content can be assessed on Higher tier question papers.

Course Description:

The qualification is assessed through examination and two tiers are available—Foundation (grades 1 to 5) and Higher (grades 4 to 9). The table shows the approximate weightings of each of the topic areas for the overall tier of assessment:

Topic Area	Foundation Tier (%)	Higher Tier (%)
Number	25	15
Algebra	20	30
Ratio & Proportion	25	20
Geometry	15	20
Probability & Statistics	15	15

There are three examinations papers for each tier—one non-calculator and two calculator papers—each lasting 1 hour 30 minutes and worth 80 marks

How will I learn?

Pupils learn through a range of activities, both practical and theoretical, which cover the whole content of the course. These activities help to develop an understanding of mathematics and give an opportunity for pupils to demonstrate their ability to use and apply mathematics

Possible Career Pathways:

GCSE Maths is widely recognised as a qualification that proves to employers you have a good understanding of numeracy. Colleges, Universities and employers will require a GCSE in Mathematics at a good grade. The range of jobs which use Mathematics is immense for example, working in the travel industry, in business, working as a Software Engineer, Scientist and Accountant.