

Why study GCSE Mathematics?

Mathematics equips pupils with a uniquely powerful set of tools to understand and change the world. These tools include logical reasoning, problem-solving skills, and the ability to think in abstract ways. Mathematics is important in everyday life, many forms of employment, science and technology, medicine, the economy, the environment and development and in public decision-making. Different cultures have contributed to the development and application of mathematics. Today, the subject transcends cultural boundaries and its importance is universally recognised. Mathematics is a creative discipline. It can stimulate moments of pleasure and wonder when a pupil solves a problem for the first time, discovers a more elegant solution to that problem, or suddenly sees hidden connections.

What will I learn?

You will build on your existing mathematical knowledge to include Using and Applying Mathematics, Number and Algebra, Shape, Space and Measures and Handling Data.

How is GCSE Mathematics assessed?

The assessment consists of three written exams;
One non-calculator and two calculator papers at the end of Year 11.
Higher level: 3 x 1hour 30 minutes
Foundation level: 3 x 1hour 30 minutes

Where will GCSE Mathematics lead?

Course progression	Career opportunities
<ul style="list-style-type: none">• AS and A2 Mathematics• AS and A2 Further Maths• AS and A2 Biology/Chemistry/Physics• Grade C or above is needed for entry to numerous other courses and colleges	<ul style="list-style-type: none">• Plumber• Electrician• Accountant• Engineer• Software consultant• Architect <p>These are just a few examples of careers that require maths. A number of employers will insist on a qualification in maths for any job.</p>

What do students say about GCSE Mathematics?

"I think maths is important because most jobs require a good mathematics grade."
"Maths is hard but enjoyable."
"You should really study maths because everything involves maths and numbers."
"I enjoyed maths at GCSE. It has given me a vital foundation needed to go onto university."
"I think maths is pretty interesting because I enjoy finding out how things logically work."