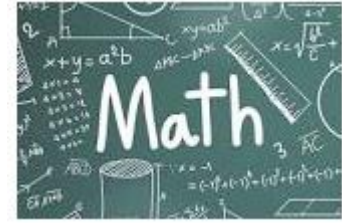


# Mathematics



<b>Subject Leader</b>	Mr R Laverick
<b>Subject Teacher(s)</b>	Mr N Bennett, Miss B Boulter (Lead Practitioner), Mrs A Dutoy, Dr A Hazel, Mr R Laverick, Mrs A Williams
<b>Course Title</b>	Edexcel GCSE Mathematics (9-1)
<b>Website</b>	<a href="https://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html">https://qualifications.pearson.com/en/qualifications/edexcel-gcses/mathematics-2015.html</a>

## Course Overview

Students will:

- Develop and extend their understanding of algebra, ratio & proportion, geometry, number, and statistics & probability.
- Relate Maths to real world contexts to create a clearer understanding, and have a greater appreciation of the wider role Maths plays in our lives.
- Connect the different aspects of Maths through sequenced topics, with a greater focus on the individual students' identified skill gaps.
- Use visuals, interactive graphics and manipulatives to make more abstract concepts become concrete understanding.

## Assessment

### Paper 1: Non-Calculator

1 hour 30 minutes written paper (80 marks)

### Paper 2: Calculator

1 hour 30 minutes written paper (80 marks)

### Paper 3: Calculator

1 hour 30 minutes written paper (80 marks)

All papers are worth one third of the GCSE. There are no coursework elements. All topics can appear on each paper, though it is more likely that certain topics appear on Paper 1 to assess a student's ability without a calculator.

## Additional Information

Students will continue to work with mathematical equipment. This means they should be comfortable using a scientific calculator, and we recommend that they buy and use their own calculator. Other equipment, such as protractors and compasses, will be provided, but if a student can be comfortable using their own, this will give them peace of mind before exams.

GCSE Maths is taken by all students and is often an entry requirement for most Post 16 courses.