

Mathematics

All students will be studying towards the new, reformed GCSE Mathematics qualification which was introduced in September 2015. In addition, those students who embarked on the fast-track GCSE course this year in Year 9, will complete the Edexcel Award in Algebra at the end of Year 10. The Edexcel Award is a standalone Level 3 qualification, designed to help students develop a thorough knowledge and understanding of concepts in algebra and a strong foundation in mathematical techniques to support progression to further study at A-Level. There is also considerable overlap in content with the new GCSE specification.

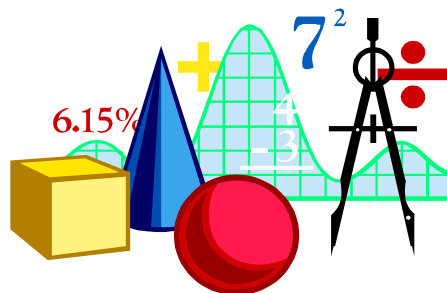
What is GCSE Mathematics all about?

Mathematics is a core subject in the National Curriculum with students following different GCSE courses depending on their ability. Students are entered at two levels: Higher or Foundation. Your assessments in Year 9 will determine your initial level of entry, but progress during Years 10 and 11 will still affect your final level of entry.

What topics will I cover?

All levels cover the main areas of Mathematics:

- number
- ratio, proportion and rates of change
- algebra
- geometry and measures
- statistics and probability



How am I assessed?

There are three examinations: one non-calculator paper and two calculator papers.

Foundation (grades 1-5)	Paper 1 Non-calculator 33.3% weighting 80 marks	Paper 2 Calculator 33.3% weighting 80 marks	Paper 3 Calculator 33.3% weighting 80 marks
Higher (grades 4-9)	Paper 1 Non-calculator 33.3% weighting 80 marks	Paper 2 Calculator 33.3% weighting 80 marks	Paper 3 Calculator 33.3% weighting 80 marks

What examination board will I follow?

Edexcel

Is there any additional information about this course?

The new GCSE will have a range of questions, some structured and some unstructured. There will be more questions than previously, testing the application of mathematics in both mathematical and non-mathematical contexts. The use of a calculator continues to be of importance, although one of the written papers is a non-calculator paper. Remember that a good scientific calculator can be purchased cheaply from Student Services.

Who should I speak to for further information?

Your Mathematics teacher or Miss Mapp