Mathematics (GCSE)

Information from the exam board can be found here.

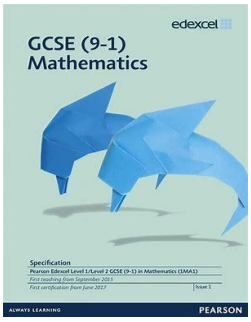
Grades awarded: 9 – 1

Why study this subject?

GCSE Mathematics is a core subject taken by all students during Years 10 and 11. Students who follow the higher tier syllabus will increase the depth and breadth of their mathematical knowledge, potentially opening a pathway to studying A Level Maths in the future. Students who study the foundation tier syllabus will deepen their mathematical understanding and knowledge of how it can be used in real life, in preparation for their chosen careers.

What will I study in this course?

- Topics cover number, algebra, shape and space and data handing.
- How to break down large problems into small parts.
- Linkages between the different areas of maths.
- Efficient methods for key topics such as percentages.
- Real life applications of many topics.



How will I be assessed?

The course is fully assessed by examinations at the end of Year 11. Students will sit three papers: one non-calculator and two calculator papers. Topics will be assessed across all three papers.

What will this qualification lead to?

Studying GCSE mathematics may lead to further study, e.g. A Level mathematics, Level 3 core mathematics. A good grade in GCSE mathematics will also enable students to access apprenticeships and vocational courses at sixth form or college. A GCSE pass at Grade 4 or above is typically required to go to university.

The list of careers involving mathematics is almost endless, and all employers will expect a basic standard of numeracy.

How is the course structured?

	Autumn Term	Spring Term	Summer Term
Year 9	Completion of the KS3 maths course	Completion of the KS3 maths course	Preparation for GCSE Mathematics
Year 10	Mixture of number algebra, shape, data handling topics	Mixture of number algebra, shape, data handling topics	Mixture of number algebra, shape, data handling topics
Year 11	Mixture of number algebra, shape, data handling topics	Focussed revision on key topics at targeted grades.	Revision & Examinations

For more information, contact: Miss Wilson (Key Stage 4 Mathematics Coordinator)

Revised: March 2026