GCSE Mathematics

Mathematics has many more uses than you might think. It is more than a subject in its own right – it supports learning in the Sciences, Humanities and Arts. The skills learnt within Mathematics can lead to a wide range of careers and courses beyond GCSE.

What will I study?

The GCSE syllabus requires students to:
- Develop knowledge, skills and understanding of mathematical methods and concepts, including:
    – Number
    – Algebra
    – Ratio, proportion and rates of change
    – Geometry and Measures
    – Statistics
    – Probability.
- Use their knowledge and understanding to make connections between mathematical concepts
- Be able to apply the functional elements of mathematics to solve problems in real-life situations.

How will I study?

During the course you will:
- Read, write and talk about Mathematics in a variety of ways
- Carry out calculations and understand the significance of the results
- Solve problems by presenting clear, logical solutions, checking and interpreting their findings
- Work individually and co-operatively on reasoning and solving problems.

A scientific calculator is essential throughout the course and each student requires their own. We can advise which scientific calculator is most suitable and they can be purchased through the Mathematics Shop.

What examinations are there?

Students will be entered at one of two tiers: Foundation or Higher. This will be dependent on their progress over the course.

	Tier	Grades Available
The tiers of entry are as follows:	Foundation	1 - 5
	Higher	4 - 9

The course is linear with all exams at the end of Year 11.

There will be three examination papers: one non-calculator and two calculator. There is no coursework or controlled assessment.

There will be regular homework and internal assessments to monitor the progress of each student.

For further information about this course, please see Mr Bruce or Mrs Ball.