MATHEMATICS

What will you study during the course?

In 2015, there were major reforms to the structure and assessment in GCSE Mathematics, which was first assessed in summer 2017. There is now more focus on how you use Mathematics to solve real world problems and apply your knowledge in a variety of contexts. You need to be an independent learner and you will need to develop your skills of inquiry and perseverance, in order to be successful.

The following table outlines the course content and how assessment will take place.

	Six content areas:	F	H
AO1: Use and apply standard techniques (50% Foundation, 40% Higher)	• Number	25%	15%
	• Algebra	20%	30%
AO2: Reason, interpret and communicate mathematically (25% Foundation, 30% Higher)	• Ratio, proportion, rates of change	25%	20%
	• Geometry	15%	20%
AO3: Solve problems within mathematics and other contexts (25% Foundation, 30% Higher)	• Probability & Statistics	15%	20%

How will the course be taught?

You will be placed in to classes very carefully depending upon the grade you are targeting. These groupings are continuously reviewed to make sure all students are supported to reach their full potential. All work will be geared to your level of learning to enable you to fulfill your potential and get the best grade possible. Your performance, progress and attitude to learning will all factor in to any setting decisions.

How will your work be assessed?

You will sit three examination papers, one non-calculator and two calculator. Each paper is 90 minutes long and evenly weighted. Scores from all three papers are combined and converted into a final grade. You will sit these exams in the summer of year 11.

You will either sit the Higher or Foundation tier. On the Higher paper, you can achieve grades 9-4 and on the Foundation paper, grades 5-1. A final decision about tier of entry for each student will be made in Year 11.

Where can it lead?

Most sixth form/colleges require a grade 4 or sometimes a grade 5 in GCSE Mathematics. In order to do Mathematical courses such as Maths, Physics, Chemistry, Biology, Economics etc you will often need a higher grade.

If you do not achieve a minimum of a grade 4, you will have to re-sit your Mathematics GCSE, alongside your other studies as you continue with your further education.