

How is the course structured?

Mathematics is assessed by three exams which will be taken exclusively at the end of Year 11. These exams - two calculator and one non-calculator - are combined to give an overall score. Students will either be assessed using a Foundation Tier (1-5) or the Higher Tier (4-9). Students will start Year 10 with a baseline assessment which we will use to determine their sets.

How will I learn?

Mathematics lessons are split into study blocks, each of which will reflect a different strand of the mathematics course. These strands are: number, proportion, algebra, shape and space, and handling data. Students receive four hours a week of mathematics lessons.

Lessons have been designed to be a mix of the development of problem solving skills, learning of methodologies and the application of mathematics to real-life contexts. Students will be expected to work independently and in small groups, developing their learning through rigorous self and peer assessment.

How will I study?

- apply mathematical concepts to situations arising in their own lives;
- understand the interdependence of different branches of mathematics
- acquire the skills needed to use technology, such as calculators and computers, effectively
- acquire a firm foundation for further study
- consolidate basic skills and complete appropriately challenging work
- apply mathematical knowledge and understanding to solve problems
- think and communicate mathematically – precisely, logically and creatively
- appreciate the place and use of mathematics in society;

How will I be assessed?

There are three examinations, taken in Year 11. For two exams students are allowed the use of a calculator but the other must be tackled without a calculator.



GCSE Maths – Edexcel Mathematics A (Code:1MA1)