Maths GCSE (with Statistics GCSE)

How is the course structured?

Mathematics is assessed by two exams which will be taken exclusively at the end of Year 11. These exams, calculator and non-calculator are combined to given 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 and as such their tier of study. Statistics is split into two units of study, of which one is a controlled assessment and the other is an externally examined unit, to be taken at the end of the GCSE course.

How will I learn?

Mathematics lessons are split into study weeks; each of which will reflect a different strand of the mathematics course. These strands are number, algebra, shape and space, and the fourth; handling data, which is both complemented by, and taught in parallel with, the Statistics GCSE.

Lessons have been designed to be a mix of the development of problem solving skills, learning of methodologies and the aforementioned 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;

GCSE Maths (Higher) – Edexcel Mathematics A (Code:1MA0)

GCSE Maths (Foundation) – OCR Mathematics B (Code: J567)

GCSE Statistics – Edexcel (Code 2ST01)

How will I be assessed?

There are two examinations, taken in Year 11. For one exam you are allowed the use of a calculator but the other must be tackled without a calculator. Statistics is a single, calculator allowed examination.

ASSESSMENT INFO