

Maths GCSE (with Statistics GCSE)

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 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. Students receive four hours a week of mathematics lessons and one hour a week of statistics lessons.

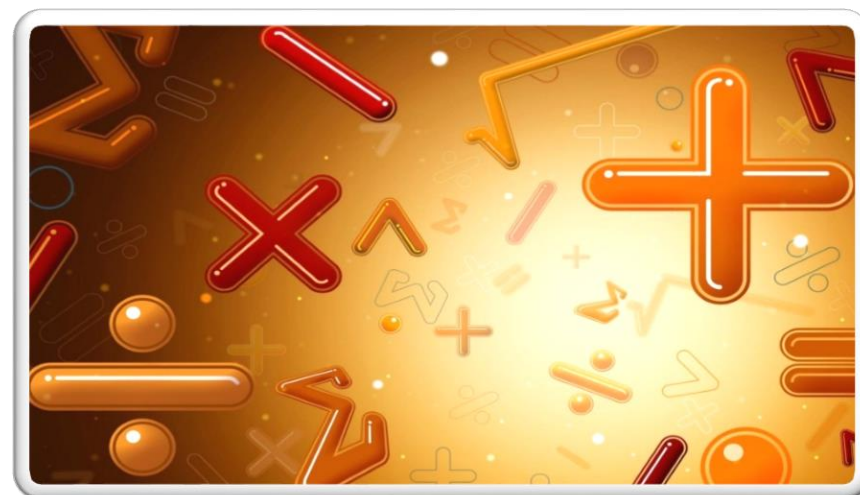
Lessons have been designed to be a mix of the development of problem solving skills, learning of methodologies and the application of mathematics to real-life contexts. Students will be expected to work independently and in small groups, developing their learning through rigorous self and peer assessment.

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 you are allowed the use of a calculator but the other must be tackled without a calculator. Statistics is a single, calculator allowed examination as well as a controlled assessment.



GCSE Maths (Higher) – Edexcel Mathematics A (Code:1MA1)
GCSE Maths (Foundation) – OCR Mathematics B (Code: J560)
GCSE Statistics – Edexcel (Code 2ST01)