

Mathematics

General Information

We follow Edexcel syllabus 1MA1, where entry can be at Foundation Tier (possible grades 1 to 5) or Higher Tier (possible grades 4 to 9).

The course tests your knowledge of mathematical topics in five areas:

- Algebra
- Number
- Ratio, proportion and rates of change
- Geometry and measures
- Statistics and probability

It also tests your ability to apply this knowledge to real life situations and the new course has a particular emphasis on problem solving, where you must break down a longer question into smaller, more manageable, steps and set out your methods clearly.

Entry requirements

If you have not achieved a grade 4 in GCSE Mathematics, you will join a GCSE class as one of your courses when you start at the college.



Mathematics

GCSE

Examination details

There are three papers, which count equally towards your grade. Each one lasts for 1 hour 30 minutes.

In two of the papers you are allowed to use a calculator.

There are two sittings of the exams, in November and summer. Working with your teacher, you will decide which sitting will be best for you.

How it is taught

You will have four lessons a week. Teaching will be through whole class, group or paired work on topics from the syllabus or individual work. Your teacher will help you to identify topics that you need to practise individually and we have videos and websites, particularly Mathswatch, to help you do this.

There will be regular assessments of your progress using exam papers and exam standard questions

Careers / HE information

In most cases, employers and universities will expect students to have at least a grade 4 (or a C on the previous specification) in GCSE Mathematics.

The ability to solve problems and to work with numerical information is an important skill and the course offers you a useful second chance to demonstrate this.

Useful / common subject combinations

Students take GCSE Mathematics as one of their subjects along with a wide range of other GCSE or advanced courses.

QE