

Full time, 22/23

# GCSE Mathematics

Level 2 | GCSE (9-1) in Mathematics

**Course information** (PDF generated at 18/01/2022 07:20:30 pm)  
[www.sgscol.ac.uk/study/gcse/gcse-mathematics](http://www.sgscol.ac.uk/study/gcse/gcse-mathematics)

## Summary

This course is designed to help you to develop crucial skills that will help you to progress in education or employment. This is an essential qualification for Level 3 courses and is also sought by many apprenticeship schemes, employers and universities. GCSE Maths is a dynamic subject that covers many key concepts, including: algebra, ratio and proportions, geometry, probability and statistics. In this course you will study: • Number – structure, calculation, fractions, decimals, percentages, measures and accuracy • Algebra – notation, vocabulary, manipulation, graphs, solving equations and inequalities, and sequences • Ratio, proportion and rates of change • Geometry and measures, mensuration and calculation, and vectors • Probability • Statistics

## Apply online



## How will I know how I am doing?

This subject is assessed by three exams at the end of the academic year. Each paper may include any part of the content taught over the year. Paper 1 is a non-calculator exam and is 1 hour and 30 minutes long. Papers 2 and 3 are calculator exams and are 1 hour and 30 minutes long.

## What do I need to join?

To enrol on the GCSE+ programme, applicants are expected to have a minimum grade profile of 2/3 in all subjects. Applicants will need to bring a marked piece of work to the interview. Entry tests in maths and English (and science if applying to a science subject) are required. The tests are usually held during the taster day.

## How will I learn?

This GCSE course is based at our Filton campus, located in South Gloucestershire which is easily accessible from the city of Bristol by train (Bristol Parkway / Bristol Abbey Wood) and bus.

## Work Experience

You will be required to do a minimum of 36 hours of work experience. This is typically done in a week during term time. The aim of work experience is to provide learners with life experience in writing an exciting CV, to help them discover what full-time employment is like and to help them begin to think of potential career paths.

## What can I do next?

Maths is a required subject for further education, apprenticeship schemes and employers. Students need maths in order to progress in further life. Maths is essential in most walks of life, whether it be for vocational career paths such as plumbing, electronics or landscaping, or for academic studies such as civil engineering, physics, computer science or statistics. Those with a strong passion for maths can go on to study some of the most interesting subjects and eventually achieve some of the most exciting job roles. We are currently going through a technological revolution and those who are maths savvy will have the opportunity to go and succeed in very elite professions.