

## Content

At GCSE our students began to expand their mathematical knowledge by joining either our Foundation or Higher pathway. They will also begin to study GCSE statistics to support their Maths knowledge and gain an additional qualification.

Students will enhance their understanding of Maths through five key areas; Number, Algebra, Geometry, Data and Ratio. These key strands build on the work done during KS3 and allow students to develop into confident mathematicians.

## Assessment

- 100% examination to earn a GCSE in Mathematics
- 3 90 Papers (One non-calculator, two calculator)

## Facilities and Equipment used

- Students will use a range of mathematical equipment such as protractors, compasses, rulers and calculators. There will also be opportunities to use mathematical software for complex graphs.
- Student learning is supported by a range of online platforms, including Hegarty Maths which includes bespoke tutorials and activities for every single topic covered in the course.

## Outside Learning Opportunities

- Visits to maths conferences and competitions
- Workshops with local universities

## Related Careers

Careers related to this course are accountants, architects, economists, analysts, data scientists, coders, game developers, military and much more. .

## For further information contact

Miss Sayer, Head of Mathematics: [BSayer@sdcc-smhc.net](mailto:BSayer@sdcc-smhc.net)