



About us

Our department consists of 17 specialist Mathematics teachers, with 13 fully equipped classrooms. Students take Mathematics for 3 hours a week at Key Stage 3 and 4 hours a week at Key Stage 4. A-level students study 5 hours of Mathematics a week.

The Curriculum

In Years 7 and 8, students follow a Mastery Mathematics style curriculum. Students are challenged to look at essential skills and concepts in depth, allowing them to develop their reasoning, understanding and problem solving skills. There is a focus on 'why', with discussion and explanation forming a key part of students' work.

In Years 9, 10 and 11, students study the GCSE Mathematics course at an appropriate tier of entry with their final examinations at the end of Year 11.

Higher attaining students will have the opportunity to develop their Mathematics skills further in Year 11 by also taking the Level 2 Further Mathematics qualification which helps students bridge the gap to A-level.

2018 Results

Key Stage 4 (GCSE) – Our results are 10% higher than the national average for this subject with 70.2% of students achieving grades 9-4. We also had 16.4% of students achieving grades 9-7.

Key Stage 5 (A-level) – We are particularly proud of our A-level students with 81.0% of students achieving grades A*– B, and 100% of students achieving A*– E

We also had excellent successes with the A-level Further Mathematics students where 75% achieved A*–A and 100% achieved A*–C.

Extra-curricular Mathematics

We offer regular trips and clubs throughout the year, for all year groups. Examples include:

- **The National Cipher Challenge**, in conjunction with the University of Southampton School of Mathematics. This is a popular club open to all year groups and involves students working in teams to solve weekly cryptograms.
- **The Fun Maths Roadshow** for Years 7 and 8. Students are challenged to solve as many puzzles as possible, with a huge variety of tasks available.
- The **Sheffield Hallam Pop Maths Quiz**. We take representatives from all Key Stages to this popular event each year, held at Sheffield Hallam.
- **Y7-Y11 Junior and Intermediate Maths Challenges**. Students take part in a national competition with the opportunity to receive certificates for the top results as well as the chance to progress to further rounds against other schools in the country.
- **Mathematics Inspiration trips**. We regularly take small groups of students out to different events, to broaden the knowledge and understanding of how Mathematics effects our every day lives, as well as inspiring students to continue in this field after Key Stage 4.

Career links

Mathematics is a versatile qualification, well respected by employers and universities alike. Careers for people with good Mathematics skills are often highly paid but can link in to many different areas. The skills you learn in Mathematics benefit studies in Physics, Chemistry, Biology, Computing, Geography, Psychology, Economics and Business Studies.

Potential jobs include such varied fields of work as:

Market Research, Consultancy, Logistics, Business Analyst, Cryptologist, Statistician, Aeronautical Engineer, Accountant, Pensions Advisor, Computer Game Designer, Systems Analyst, Biomedical Engineer. Cartographer, Hydrologist and Oceanographer.