



Mathematics at The Gilberd School

The Gilberd is an outstanding school with a clear vision of excellence and attainment; our Mathematics Curriculum Area reflects this. As a team, we value the combination of a rigorous curriculum with a passion for teaching this fundamentally important subject.



Dedicated and diverse, we comprise a team of 12 full time subject specialists all of whom teach across both key stages. Within the team there is a Lead Teacher and other colleagues with additional responsibilities. There is a great balance of experience across the team.

The Gilberd, and particularly the Mathematics Department, are very active within the Colchester Teacher Training Consortium, enabling our staff to assume greater responsibility and expertise in developing the skills of others via mentoring, liaison with other stakeholders and up to date research.



We offer EDEXCEL GCSE to all students, as well as the OCR Free-Standing Maths Qualification and Entry Level to those students requiring further challenge and support. Where appropriate, we provide master classes and teach beyond the National Curriculum to challenge students. To support home learning, we utilise Sparx homework provision across Years 7 to 11.

We currently teach seven hours of Mathematics per fortnight to Year 7 and 8 and eight hours per fortnight in Years 9, 10 and 11. In addition to this, we run weekly revision sessions at KS4 and holiday revision support for Year 11 students; the uptake for these is always very high and the workshops highly productive.

Resources

- Each classroom has a desktop computer and interactive screen.
- Every teacher has a laptop.
- We subscribe to a variety of Mathematics website and have a wealth of shared resources.
- A variety of textbooks are available in each Mathematics classroom.

Co-Curricular

- Our after-school Mathematics Club is very well attended.
- UKMT Junior and Intermediate Challenges are organised for students from Years 7 to Year 11 who exhibit flair for learning in Mathematics and the ability to think 'outside the box'.
- Teams compete in Mathematics Challenge events against local and national schools.



Organisation

- Students in Years 7 and 8 have seven hours of Mathematics each fortnight, whilst in Years 9 to 11 they have eight hours. We operate a two-week timetable and lessons are one hour in length.
- Mathematics classes from Years 7 to 11 are set by ability.
- Each year group is split into two populations for timetabling purposes, the ability profile of each being similar.

Assessment Overview

Years 7 to 8

- Mini assessments take place in each school term following the topics covered that academic year.
- A final assessment takes place at the end of the school year.
- Each assessment is both formative and summative.
- Results are shared across the school to allow monitoring of progress and targeting of interventions.
- Individual feedback is provided to students following assessments and both teaching and homework then provide opportunity for response to this.
- Set changes occur at appropriate points during the school year.

Years 9 to 11

- Assessments are more frequent with transition over the course of Year 9 to full GCSE papers.
- Higher sets commence use of higher tier examination papers during Year 9 following a transition phase and selected students in sets 3 and 4 later in Year 10.
- The end of year assessment in Year 10 consists of a full set of GCSE style papers, as does the December and March mocks during Year 11.



Outcomes

Historically we perform well above the national average and have done so consistently. In 2024, 23% of our students achieved a 7+; the national average was 6%. In 2024 27 % of our students achieved a grade 7+, whilst 59% gained a grade 5+ and 79% a grade 4+. For the 2025 examination series 27 % of our students achieved a grade 7+, whilst 61% gained a grade 5+ and 80% a grade 4+.

We are a high performing team and are ambitious for our students. We have a secure history of excellent results and seek to improve these further.

What are we looking for?

An excellent teacher of Mathematics to join our thriving team and assist in maintaining our reputation and results.

We welcome team players and value the contribution of innovative ideas. We have a strong ethos of supporting each other and developing the skills of our colleagues to future proof our work.

Positive and solution based, you will promote creativity, diligence and excellence in your classroom.

As a school, we value oracy and accurate communication; we encourage innovation and a high standard of reflection in teaching and learning.

We look forward to meeting you.



The Gilbert School

ENGAGE, ENDEAVOUR, EXCEL.

IMPLICIO, CONATUS, EXCELLIERE