

Mathematics at Billericay

The Billericay School Mathematics faculty consists of 15 members of staff, most of which are full time Mathematics specialists. Within the department there is a diversity of expertise, ranging from well qualified ECT's to experienced teachers. With a Head of Faculty and key stage coordinators, the structure within the department provides excellent opportunities for teachers to feel supported, progress and experience leadership roles. The department is based in a large office with 15 computers and a social space spread over two floors.

Mathematics GCSE results are above national averages; in 2019 10 students achieved a grade 9, 77% achieved 9-4 and 54% 9-5. At KS5, students study the Edexcel course. Mathematics is one of the most popular subjects within our sixth form of 300 students, with approximately 50 students choosing to continue with Mathematics to A Level each year. We have been able to offer a wide range of A Level combinations and deliver modules including Mechanics, Statistics and Decision Mathematics. In recent years we have had as many as 20 students choosing A Level Further Mathematics. In 2019, the subject was the best performing A Level in the sixth form with 7 A*s in A Level Mathematics and Further Mathematics in Summer 2019. The department is proud of its success with university applications and regularly helps students progress to universities including Oxbridge, Warwick, Bath and UCL to study Mathematics.

The department has fully resourced schemes of work for all new specifications and a wealth of creative resources to extend learning in Mathematics and incorporate cross-curricular opportunities. The faculty has two computer suites each comprising of 30 computers, used solely for Mathematics lessons. Classes are timetabled for one computer room lesson per fortnight and extra ICT lessons are available on request. Mathematics classrooms are fitted with interactive boards, HD projectors and visualizers.

