



**The Billericay School**  
A specialist maths and computing school

## **Mathematics at Billericay**

The Billericay School Mathematics faculty consists of 13 members of staff, most of which are full time Mathematics specialists. Within the department there is a diversity of expertise, ranging from well qualified NQTs to experienced teachers. With a Head of Faculty, Key Stage coordinators and a lead practitioner, the structure within the department provides excellent opportunities for teachers to progress and experience leadership roles. The department is based in a new office with 15 computers and a social space spread over two floors.

Maths GCSE results are well above national and Essex averages; last August, 28 students achieved A\* grades, 75% achieved A\*-C. Alongside GCSE Mathematics, the department offers students in year 10 the chance to take a GCSE in Statistics.

At KS5, students study an EDEXCEL course. Mathematics is one of the most popular subjects within our sixth form of 300 students, with approximately 60 students choosing to continue with Mathematics to A Level each year; we are able to offer a wide range of A Level combinations and deliver modules including C1-4, M1-3, S1-3, FP1-3, D1 and D2. In recent years we have had as many as 20 students choosing A Level Further Maths. The subject is also one of the best performing in the sixth form, with 19 A grades in AS Mathematics and 9 A\*s in A Level Mathematics and Further Mathematics in Summer 2016. Mathematics teachers are increasingly having the opportunity to contribute to other Level 3 courses including Engineering and Computer Science. 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 its own suite 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. All dedicated Mathematics classrooms are fitted with functional interactive boards, many equipped with HD projectors.

