

Bishop Ramsey CE School Teacher of Mathematics The Mathematics and ICT Departments



Mathematics is delivered by a team of 11 specialists. We also have a dedicated Higher Level Teaching Assistant (HLTA) who works with Special Needs students, teaches and completes administration for the Department.

In Year 7, students are grouped within three ability bands from as early as possible in the school year and this is reviewed on a regular basis. The curriculum for Years 7 and 8 builds the foundation for the start of the three year Key Stage 4 curriculum. We are currently working on embedding a new assessment and tracking scheme in Key Stage 3 and using ICT to enhance student understanding, including the use of Graphical Calculators in the Sixth Form.

The students follow the Edexcel syllabus at GCSE. The Mathematics Department is one of the highest achieving in the school, with 86% of pupils achieving Level 4+ at GCSE in 2020. Students also have the opportunity to take FSMQ Additional Mathematics as part of their Key Stage 4 options, with a group in each of Year 10 following the course.

Mathematics is a thriving subject in the Sixth Form. We currently offer the Edexcel syllabus with a flexible approach that enables us to set the students and give them the opportunity to study combinations of Mathematics and Further Mathematics at AS and A2 level. Each year we have a number of students who achieve at the highest level in Mathematics and Further Mathematics.

We have a suite of 7 recently refurbished classrooms each one has its own Prowise whiteboard. Each teacher has their own personal laptop. The Mathematics Department has its own office and stockrooms, with a wide variety of resources.

The Department makes a large contribution to the life of the school. Students take part in the UKMT Challenges and a few progress to the Kangaroo and Olympiad stages. Students also have the opportunity to attend Maths Club and enter other local and national competitions.

We hope this brief synopsis will have given you something of the flavour of Mathematics at Bishop Ramsey. We extend a warm welcome to new members of a friendly, lively and hardworking Department.

ICT and Computing is delivered by a team of 3 specialists, one of which is the Head of the ICT and Computing Department and is line managed by the Head of the Faculty.

KS3 students are taught a range of ICT and Computing skills to enable them to develop their digital literacy in preparation for future study and working life. In Year 10, students are able to specialise in either ICT or Computing by taking one of two KS4 courses. ICT is currently taught as a vocational course which is highly skills based and suits those students who perform better when completing project work than in a traditional examination environment.

Computer Science is taught at both GCSE and A-Level by the department and is a popular option choice in the school for our more academic students. Our Department has an excellent record of results at A-Level and many of the students who study it go on to study some form of Computer Science degree at University.

We have a suite of 4 ICT classrooms which each include desktop computers, printers and interactive whiteboards. The department run an ICT club which enables students to learn how to code and use different software to create exciting projects.

The ICT and Computing Department are passionate about using technology to enhance education and often provide training for other staff to help impart new ways to facilitate teaching and learning or to improve the digital literacy of our support staff.

The staff in the ICT and Mathematics Faculty work well together, often sharing resources, ideas and sometimes lunch. Staff in the faculty are friendly, open to change and willing to work collaboratively towards a common goal.