



KING EDWARD VI  
SCHOOL LICHFIELD

## **MATHEMATICS DEPARTMENT**

The Mathematics department is currently made up of ten experienced teachers who work collaboratively to provide an excellent learning environment for our students. We have permanent roles of Head of Department, Second in Department and Key Stage 3 Coordinator. All colleagues teach across the key stages, including A-level, and outstanding subject knowledge is a key feature of the department.

Our Key Stage 3 curriculum reflects the national changes and the Year 7 and 8 curriculum is linked to our new approach of mastery of skills in order to embed understanding and promote problem solving within lessons. Within a broad structure there is a creative and dynamic approach to teaching the subject, allowing teachers to share their passion and enthusiasm for the subject. We currently teach students in linear sets from Year 7 through to Year 11. All full-time staff have a permanent teaching base and there is access to an interactive whiteboard in every classroom.

Students make the transition to GCSE at the start of Year 9 and follow the course with final examinations in the Summer of Year 11. We follow the AQA course for GCSE. In 2016, 80% of Year 11 students gained A\*-C in both English and Maths, with 86% gaining A\*-C in Mathematics. In recent years the most able mathematicians have also taken the Additional Mathematics GCSE in Year 11.

We have strong links to the Learning Support Department through whom specialist provision is provided in KS3 and KS4 to support learning in and beyond the classroom.

Mathematics and Further Mathematics at A-level are very popular options in our large successful 6th Form where we currently offer a choice of 1 Year AS courses and 2 Year A2 courses. This is due to change to a 2 year linear course with the new A-level reforms in September 2017. We usually have at least three classes for A-level Mathematics for each cohort and one group for Further Mathematics. Our A2 results are consistently above the national average.

The department also offers a range of lunchtime support including a weekly maths clinic for students across all Key Stages to drop-in with any maths problems; programmes of targeted revision for the lead up to mock and final exams at KS4 and lunchtime A level support for our post-16 Mathematics students. We also regularly enter teams in the junior, intermediate and senior maths challenge competitions where we have seen great success and enjoyment in the last few years.

The Mathematics department has a strong team ethos, we enjoy a culture where staff readily share resources and we are willing to learn from each other. We are keen for the department to maintain a high profile within the school and the local area, sharing and developing good practice.

Applications are welcome from both experienced colleagues and newly qualified teachers. Visits to the school prior to application are welcome but not essential.