



KING EDWARD VI
SCHOOL LICHFIELD

SCIENCE DEPARTMENT

There are currently fourteen specialist teaching staff in the department and three full-time science technicians. The Head of the Science Department is Dr Maxwell; working alongside Mrs Turner (Second in Department and Head of Biology), Mr Phillips (Head of Chemistry), Mr Mills (Head of Physics) and Dr Squire, Key Stage 3 Coordinator. All staff teach largely within their specialisms from GCSE onwards and strong subject knowledge is a strength of the department.

There are 13 specialist science teaching rooms, with the majority at the lower end of the Johnson site and three Chemistry laboratories at the upper end of the site in the Bader building. There is one main Prep Room plus a number of smaller prep areas and storage rooms. Our able technician team support teaching staff with equipment and practical set up across the entire ability range and year groups in all three science subject areas. All of the laboratories have interactive whiteboards.

Our Key Stage 3 curriculum reflects the national changes and by September we will have completed the transition to Assessment without Levels. The department uses Activate to support learning throughout Key Stage 3. Students make the transition to GCSE during Year 9 and our curriculum provides additional time for those who take triple science. This is a popular pathway with students and in 2016 over 50% of our cohort started the new GCSE courses in Biology, Chemistry and Physics. A*-C pass rates for triple science are close to 100% and are on a rising trend in Double Science. Our students follow the AQA Science course.

Science A levels are very popular options in the 6th Form. At A level we offer courses in AQA Physics, AQA Chemistry, and AQA Biology and from September 2016 we moved to 2 year linear courses. We usually have two A Level Physics classes for each cohort. We successfully support students in applications for medical and veterinary courses at university in addition to many who continue sciences further with degree level study at top universities. We also offer A Level Applied Science and in 2017 will be making the transition to a new Medical Science course.

The vacancy for a Teacher of Physics has arisen due to the retirement of an experienced member of the department at the end of this academic year. Applications are welcome from both experienced colleagues and newly qualified teachers. Visits to the school prior to application are welcome but not essential.

Headteacher: Ms J Rutherford BA (Hons)

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