



The Science Department

This is an outstanding department, consisting of ten full-time and three part-time Science specialists and includes two full-time and three part-time Science Technicians. Accommodation is in eleven modern labs and a large central prep room, which form an integral block.

Across the key stages

In Key Stage 3, two double (70-minute) lessons are allocated in each weekly cycle in Years 7 and 8, with three double lessons in Year 9.

At KS4, we follow the new AQA Trilogy syllabus. Four double lessons are allocated (20% of curriculum time) and three teachers share the delivery of the course to each group.

Separate Science GCSEs are also offered as an option for students who have reached the appropriate standard and above at Key Stage 3. This is a popular option, with two groups in both Year 10 and 11.

At Advanced level, the following courses are offered and continue to be very popular with two groups in each subject in both Year 12 and Year 13: Biology OCR; Chemistry Edexcel; Physics OCR.

Our results

The department received excellent feedback in the school's latest Ofsted inspection. GCSE results continue the pattern of high achievement over many years. A-Level results are consistently high and many students opt to take sciences at A-Level. We regularly send sixth formers to Oxford, Cambridge and other top universities.

Outreach and facilities

We have a varied and exciting programme of activities, ranging from an after-school Science and Engineering Club to Astronomy evenings.

The Department has an excellent track record of primary and community liaison. A 'Year 5 Science and Technology day' takes place in July attended by 150+ Year 5 students. Colleagues from local industry come in and run sessions for this event. In July, Year 6 pupils from local schools visit the department for sample lessons. Members of the department are also involved with primary outreach work with our feeder schools.

We recently won funding from the Wolfson Foundation for 64 iPads solely for use in science lessons, which have proved very popular. In addition, two of our labs are equipped with desktop computers, ensuring we have excellent ICT provision.