

Bartholomew School Science Department



Staffing

The Science Department is presently staffed by ten full-time and three part-time teachers, including the Head of Department, three Heads of Subject and a KS3 coordinator. All staff are expected to teach throughout Key Stages 3 and 4, with our GCSE courses allowing both subject specialist teaching and diversification. Usually, all staff have opportunities to contribute to A-level teaching in their own subject specialism.

The Curriculum

In the light of recent national changes in the Key Stage 3 Science curriculum, the Department now follows its own internally produced course based on the new guidelines. Students are taught in mixed ability groups. Assessment is based on agreed national Assessment Foci as well as a range of internal formative and summative assessment tasks.

At Key Stage 4, we follow the OCR Gateway suite of Science GCSE courses. We have an able student cohort and the most able 50% of students study Triple Science, in which the students are taught the three separate Science specialisms in 13 lessons per fortnight. For Double Award, students are taught in smaller groups, in 8 lessons per fortnight with each group shared by two teachers. Triple Science results have averaged over 99% A*-C over the last three years and the Double Award results have been significantly above national averages.

At Key Stage 5, we have four popular and successful A level courses, which currently attract high numbers of students and the Department consistently delivers excellent results at all levels which are amongst the best in the County. We are proud of the achievements of our students. The KS5 courses currently being followed are:

- Chemistry: Edexcel
- Physics: OCR Advancing Physics
- Biology: OCR
- Psychology: AQA

The Department

The Science Department has ten well-equipped Science laboratories, all located in one area of the school. This includes a dedicated computer laboratory. Each laboratory has a networked computer and data projector, and most teachers are based in one laboratory for the majority of their teaching. We are well supported by a team of one full-time and four part-time well-qualified Science Technicians. Numerous enrichment programmes and events run throughout the year. These include STEM activities, A-level Biology field trips and a Science 'Eco-Area'.

The Science Department has a strong tradition of providing highly successful teaching within an established team approach which is a key feature of our success. We would welcome enthusiastic candidates who will contribute fully to the Science Team in the development of new resources, new courses and the promotion of scientific learning at all Key Stages. The successful candidate will be committed to the education of the whole child and be prepared to be fully involved in our excellent pastoral team.

Colleagues in the Science Department are very good at sharing ideas, resources, our enjoyment of teaching, our successes and challenges: all within a supportive atmosphere which is conducive to good team work and the success of the Department. We are convinced that the right candidate will thoroughly enjoy being part of this highly enthusiastic, strong and dedicated team.