

The Science Department

The department consists of an enthusiastic team of 12 teachers working in ten well-resourced laboratories, three of which are in a brand new building opened in May 2013. The department is well equipped in terms of apparatus and textbooks and enjoys the capable help of three full-time and one part time technician. The Science department has a trolley of 30 laptops which can be ordered for lessons plus extensive data logging apparatus, access to a PC suite and interactive 'Wordwall' handsets.

At Key Stage 3 the curriculum is delivered via a modified version of the Activate Science course. In Years 7 and 8 Science is delivered by one or two teachers who are responsible for teaching Biology, Chemistry and Physics to that group. In Year 9 the responsibility is shared by two teachers. In Years 7 and 8 pupils are taught in seven mixed ability groups.

At Key Stage 4 most pupils follow the AQA GCSE Combined Science course with approximately 60 students following the Separate Science route. GCSE Science students have 10 lessons of Science per week. Subject specialists deliver the Combined Science course where possible. Subject specialists always deliver the Separate Science Award course. Results in the Science department are currently 96% A*-C for each of the three Sciences.

The following courses are taught at AS/A2 level:

- OCR Biology;
- EDEXCEL Chemistry and
- OCR Physics

Extra curricular activities include:

- GCSE, AS and A2 revision classes;
- a Science Club for KS3;
- STEM club for KS4 and 5
- A Year 7 Zoo trip;
- A Year 8 Science museum;
- External speakers;
- Science challenge events for KS4.
- CERN trip for KS5 Physicists