There are ten full-time and three part time members of the Science Department teaching staff who are expected to teach their specialist subject in one of the A levels offered in Biology, Chemistry, Environmental Science and Physics. All staff teach their specialist subject at Key Stage 4, and students are offered the opportunity to study AQA trilogy science or separate science. Staff also teach a general science course for KS3.

The Department is situated in one area of the school and is housed in ten laboratories plus 2 dedicated teaching rooms. It is supported by a large prep room with three technicians who coordinate the provision of equipment for practical work. The Science Department is very well resourced, including an extensive digital library, laptops, a wide range of textbooks, data logging equipment, and a good stock of specialist equipment. All laboratories are connected to the school network and are equipped with data projectors and interactive whiteboards.

The staff are highly committed, enthusiastic and supportive of each other. We aim to develop an enthusiasm for science through a dynamic and varied approach and cultivate lively and enquiring minds. At the same time, we are keen to demonstrate the relevance of science to life in general. All staff are committed to enabling each pupil achieve his or her potential and personalised learning pathways are offered to all students.

This approach has led to success in many areas. The Department has been very successful in terms of examination results and this was noted in the latest Ofsted inspection. Last year the attainment of pupils was above national average resulting a positive added value figure. The attainment of disadvantaged students was also significantly above the national average. KS4 results in double science saw 93% of students gain a pass grade, with 50% achieving level 7 and above. In the KS4 separate science subjects the average pass rate was 100% with 86% of students achieving level 7 and above. Currently there are 155 students studying one or more Sciences at Key Stage 5. Results for A-level are similarly high for Biology (AQA), Chemistry (AQA) and Physics (AQA), with a high proportion of students progressing to read Medicine, Veterinary, Science or Engineering, including Oxbridge entrance.

The Science Department has strong links with several companies such as GSK, which supports learning for all. Key Stage 5 students independently lead a Medical Society, Chemistry and Biology Society and a Maths and Physics Society, together organising lectures and enrichment activities. There are science clubs for KS3 and opportunities to undertake the Crest Awards. The department provides a number of cross-curricular and enrichment opportunities, such as visits to CERN. Each of the specialist subjects are committed to supporting learning with additional ‘learning clinics’ and always seek to have an ‘open door’ approach to support. We are keen to encourage all students in the study of science beyond the school.

Science staff make a major contribution to the life of the school and their talents are many and varied, be they musical, dramatic or sporting. Departmental members recognise the high value of engagement between pupils and staff outside Science lessons.