

September 2019

SCIENCE FACULTY

The Science Faculty currently has ten teaching staff, with Curriculum Leaders for each science and a Learning Director with an overview across all three sciences. We are fortunate to have the services of a team of four technicians working across Science and Technology, one of whom is a RSciTech. The faculty has eight science laboratories, two in our new state of the art STEM centre, all with data projectors and two with interactive touch panel display boards. An on-going programme of refurbishment means that all the labs provide an excellent working environment.

Chemistry, Physics and Biology maintain their individual identities within the faculty with all students studying the three sciences in separate lessons up to the age of 16. All three sciences are offered at Advanced Level. Years 7 and 8 study each science in one period of 75 minutes per week. Students are bright and enthusiastic, and are encouraged to maintain a very high standard of work, while developing the skills they need to be independent and self-regulated learners. Years 9, 10 and 11 are following the AQA Science specifications in Physics, Chemistry and Biology. GCSE results are consistently excellent.

All three sciences are extremely successful at A level, attracting large numbers of students and having a sustained record of academic excellence. There are currently 3 A Level Biology groups in each of year 12 & 13. Many of our students go on to Higher Education to read Pure or Applied Sciences, as well as related courses such as Medicine, Veterinary Medicine and Engineering. All three departments are well equipped for A Level teaching. Students currently follow the AQA GCE Biology specification.

Science teachers generally teach their specialism to A level and may also teach some Key Stage 3 in the other science subjects. They are expected to play a full part in the academic, pastoral and social life of the school, to act as personal tutors and to take part in the school's programme of professional development. Involvement in the many extra-curricular activities is also encouraged. The Faculty is innovative and outward looking recently achieving the Platinum Science Mark. Science staff are involved in all the schools' major developments from Engineering status to Leading Edge, Teaching School and SCITT.

