Science Faculty

The Science Faculty

At the present time, there are 15 teachers in the faculty, including some who are part-time. The accommodation comprises of 9 full sized laboratories, split between two areas of the school building. The faculty is well equipped and supported by three technicians.

The faculty has specialist teachers in all branches of Science but is very adaptable, with most members of the faculty being able to teach at least two subject areas to GCSE. All laboratories are fitted with a data projector. All teaching staff have a laptop.

We have a reputation for providing exciting and innovative enrichment opportunities in Science for our students and for local schools. This includes our annual Science Fair, which is attended by hundreds of students from many different schools each year.

The Science Curriculum

Key Stage 3: In Years 7 and 8 Science is taught in tutor groups. All students follow a combined Science course, containing units which are Biology, Chemistry or Physics based. Where the timetable permits, students have one teacher for all of their Science lessons.

Key Stage 4: From Year 9, lessons are divided between the three separate sciences. Students study AQA separate sciences, resulting in three GCSEs in Biology, Chemistry and Physics at the end of Year 11. We also provide one science skills lesson for each class per fortnight in both Years 10 and 11, which allows students to develop techniques and ideas common across all three sciences.

Sixth Form: All three sciences are offered at A Level. All sciences are very popular choices at Sixth Form level.

A variety of teaching and learning styles are employed to make the delivery of the curriculum content interesting and both accessible and demanding for all students. A great deal of thought is put into the specific learning objectives of lessons and, through the use of learning logs and student responses to feedback on assessments, we are encouraging students to take more responsibility for their own learning. Outside of lessons, the curriculum is supported by a variety of visits and lectures. As a faculty we offer students revision sessions and support student-led societies in a variety of areas.

Faculty meetings are held regularly and faculty members have designated responsibilities. We feel that we have the ability to evaluate all that we do in an objective way. We are able to be self-critical and are always open to new ideas. This has enabled us to evolve and progress into an enthusiastic and successful faculty.

We are very proud of our examination results. Our GCSE and A Level results consistently show that we perform very well.

Our aim is not only to try to help every student to reach their true potential in Science but to try to nurture and develop their own enthusiasm for, and inquisitiveness in, the subject. We hope that we are able to make the Science experience enjoyable, interesting and relevant to students.

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