

## Swavesey Village College Science Department

**The Science Department** consists of five specialist biology teachers, four specialist physics teachers, five specialist chemistry teachers, 1 HLTAs and three technicians in the department. I am the Director of Science who works closely with the Curriculum Leader. The Curriculum Leader then has a Head of Biology, Chemistry and Physics to support in raising standards, in addition to having a Lead Teacher promoting and supporting teaching and learning. Our strong team also comprises of an Assistant Principal and a Senior House Tutor. The department is warm and welcoming and there is rigorous focus on the development of teaching and learning, along with a wealth of exciting curriculum opportunities to ensure that students reach their full potential. Key features of our department include:

- 10 laboratories (four refurbished)
- Access to ICT suite
- Targeted intervention in both key stages
- Shared planning and resources
- Centrally managed schemes of work, homework and assessment
- A clear team ethos driven by supportive and experienced team leaders

**Philosophy** - We aim to foster enjoyment and interest in the subject for its own sake while emphasising its use as a tool across the curriculum, in the workplace and in everyday life. As teachers our emphasis is on motivating students by providing a stimulating and supportive environment. We are looking for a dynamic, inspiring and forward thinking teacher who is passionate about Science as we are and who can motivate students to strive for excellence within the team of committed, creative and inspiring classroom practitioners.

**Science at Key Stage 3** - Lessons are in mixed ability groups with the exception of those requiring additional support. Work in all classes is differentiated and group changes take place at any time throughout the year as necessary. It is our intention that all students enjoy Science and reach their potential by removing the barriers created by the traditional setting system.

**Science at Key Stage 4** – Students remain in largely mixed-ability groups until Year 10. At that point, students split into separate science or combined science groups and a grouped on ability. All students from 2018 onwards will be examined upon the AQA Trilogy and separate science specifications.

**Outside the Classroom** - Our students have the opportunity to participate various Science trips over the year. This year, we have a group of 30 Year 9 students going to CERN, and a visit to the Science Museum is planned for the year 9 Cohort in May.

**Further Education** - We are proud that a large number and large proportion of our year 11 students go on to study Sciences at A level.

Please do not hesitate to contact me to talk in detail about your application. You are also most welcome to visit the department before making your application.

**Rachel Fox**  
**Director of Science**

[rfox@swaveseyvc.co.uk](mailto:rfox@swaveseyvc.co.uk)