

## Science Faculty



The Science Faculty is busy, outward looking and thriving. There is a wealth of expertise within the team, with specialists in all areas, including Geology. We are leading innovators in using ICT for teaching, planning and formative assessment. Recent events have accelerated our online presence and the use of Teams for distance teaching and learning.

We have excellent resources, both conventional and digital, including the Kerboodle learning platform for GCSE and A Level. We use Active Learn to teach Exploring Science at Key Stage 3 and AQA transition tests in years 7 and 9 to integrate Key Stage 3 and 4 learning.

We are a reflective Faculty, constantly striving to ensure all students reach their potential. Early intervention and support for students of all abilities is a key aspect of our work, and we encourage all staff to be involved with this at both faculty and classroom level. We are proud of our students' achievements and have high expectations for them all.

We believe in the encouragement and support of staff in their professional teaching careers and have in-school CPD development opportunities as well as IHASCO and National College programs to support this. We pride ourselves in being a "Team", working together to provide the environment that enables us to teach to the best of our ability and ensure all our students reach their full potential.

## **Vital Statistics**

### **Faculty Members**

There are 18 faculty members, full and part-time staff (including Head of Faculty, KS3/4 co-ordinators, Heads of Subject, 3 technicians).

### **Facilities**

9 laboratories (including 1 Geology laboratory), 5 preparation rooms (1 wet), 1 general classroom, and a dedicated Faculty workroom.

### **KS3**

Students are taught an enriched curriculum through Exploring Science (Years 7, 8 and 9).

### **GCSE**

We follow AQA GCSE Science combined: Trilogy (6 sets) and Separate Science (2 sets).

### **A Level**

We follow Biology OCR A, Chemistry OCR A, Geology OCR and Physics OCR A.

### **Enrichment**

Cambridge Chemistry Challenge, Royal Society of Chemistry Olympiad, Biology field trips, Geology Hawaii/Arran and Lake District field trips. STEM opportunities