

Science Faculty



We are a busy, thriving Science faculty with a wealth of expertise and subject knowledge. We have a highly collaborative team: all our teachers and technicians are focused on making sure our students become successful scientists. All that we do ensures that we contribute fundamentally to implementing our school's intent – striving for all students to reach their unique potential.

We have excellent resources, both conventional and digital, with the Kerboodle learning platform for GCSE and A Level fully embedded. We use Exploring Science to teach a spiral curriculum across years 7 to 9 and use AQA transition tests in year 9 to ensure successful movement from Key Stage 3 into 4.

We are very proud of our results. At both GCSE and A Level, they are excellent in all disciplines and have been sustained over a number of years. Our team delivers both AQA Separate Science as well as Higher/Foundation Trilogy Science. A level numbers are buoyant: we teach Biology, Chemistry, Physics and also Geology, at A-level.

We are a reflective Faculty, constantly striving to ensure the Quality First Teaching is seen in every classroom and every lab. We pride ourselves on our practice, and - if truth be told - we are ever so slightly competitive with one another! 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.

Our Science Faculty takes professional learning seriously. Our school is committed to the development of all staff, and you will be encouraged and supported in your career. There is superb in-school provision for CPD and research, including corporate memberships of the National College and Chartered College. The Science Faculty is fully committed to research and development as part of this ethos.

Relationships within our Faculty are excellent: you will hear laughter, great conversation and celebration of all that we do.

Jack McLaren
Head of Faculty

Vital Statistics

Faculty Members

There are 17 faculty members, full and part-time staff (including Head of Faculty, KS3/4 coordinators, Heads of Subject, 2 technicians and 1 teacher/technician).

Facilities

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

KS3

Students are taught a full KS3 enriched curriculum through Exploring Science (Years 7, 8 and 9).

GCSE

We follow AQA GCSE Science combined: Trilogy (7 sets) and Separate Science (2 sets).

A Level

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

Enrichment

Science vs Magic (Year 7), Top of the Bench competition, Cambridge Chemistry Challenge, Royal Society of Chemistry Olympiad, A-level physics training partnership lectures (London), Biology field trips, Geology Hawaii/Arran and Lake District field trips. STEM opportunities