



THE SCIENCE DEPARTMENT

Sandhurst School

Sandhurst School takes pride in the quality of science education. Students achieve well in science because they enjoy lessons and are interested and engaged in the variety of activities provided. We liaise closely with our primary schools, delivering taster and transition sessions to Year 5 and 6 students. We offer a range of extra-curricular activities throughout the year, including various trips, after-school enrichment activities and participation in local and national competitions.

Staff

The science team is an enthusiastic, friendly, innovative and forward-thinking department fully committed to delivering an excellent science education for all our students. The department is led by the Subject Leader for Science and Key Stage 3 and Key Stage 4 Co-ordinators. Three dedicated science technicians fully support the eleven teaching staff.

Facilities

All science laboratories are equipped with a data projector and audio speakers, with ample space and facilities for practical activities and demonstrations. All teachers have their own laptops and access to class sets of 'Chromebooks' for use by students. The department is equipped with excellent practical resources to support the delivery of science education. There is one extensive, central preparation area, as well as an office and an area for science staff to work or relax together.

Key Stage 3

The Key Stage 3 schemes of work are supported by a wide range of resources, including the Exploring Science ActiveTeach materials, with supporting textbooks (including interactive electronic versions) and extensive resources for planning, teaching and learning. Students sit an end of Key Stage 3 exam at the end of Year 8. Key Stage 4 science starts in Year 9.

Key Stage 4

In Key Stage 4, most students will follow the AQA GCSE Combined Science course (Trilogy). Many students opt to study the AQA GCSE Separate Sciences. We have schemes of work for planning and teaching these GCSE courses, and have collaboratively explored innovative ways of teaching to the new requirements. We make sure all students understand the required practical activities through preparation and active participation. We use the latest editions of the OUP Biology, Chemistry and Physics textbooks, as well as the Kerboodle suite of resources, including automatically assessed homework tasks.

Key Stage 5

We offer AQA A-levels in Biology, Physics and Chemistry. Uptake is good and many of our students go on to pursue science courses at University. We also offer a Level 3 BTEC Extended Certificate in Applied Science.

For more information about the Science Department, please visit the school website at www.sandhurst.bracknell-forest.sch.uk.

Thank you very much for your interest in our department and I very much look forward to hearing from you.

Mr J Heslop

Subject Leader for Science - November 2022