

Science Learning Area Information

The Science Learning Area and comprises Biology, Chemistry and Physics.

High quality teaching and learning is the foundation of all that we do within the learning area. We are looking to recruit a high quality, enthusiastic member of staff who will contribute to ensuring that all students leave Oldfield School achieving the very best that they can.

Facilities include 9 laboratories, a sixth form teaching room, staff base, and a staff work room; these rooms are situated across three adjacent buildings. Each laboratory is well equipped, with cutting edge IT facilities, including surface pros for staff, wirelessly connecting to TV screens.

The learning area consists of 13 specialist science teachers who deliver all the science lessons at Oldfield School. Within the learning area, we currently have three TLR positions; Leader of Learning, KS4 Leader (second in science) and KS3 Leader.

At Key Stage 4, our students study AQA GCSE Science. We offer triple science as an option in year 9 and student studying that route will have 15 lessons a fortnight to really be able to delve deeply into the syllabus. All students study the same curriculum in year 9, and those that don't choose triple will follow the AQA Trilogy pathway. We split pupils into higher and foundation classes, where we currently have approximately 60% of students studying the higher tier qualifications.

At Key Stage 5, we deliver A Level courses in Biology, Chemistry and Physics. This is a particularly exciting time for the Science Learning Area, and Oldfield Sixth Form as a whole, with significant growth in the number of sixth form students studying science A Levels. We regularly staff two A Level classes in Biology (occasionally staffing three), two Chemistry, and one in Physics, with class sizes of 15 or below. We have a strong record of achieving good results at post 16 and the ideal candidate will have the potential to contribute to this provision, including extension challenges such as Olympiads.

Our current extra-curricular programme offers STEM enrichment at KS3 and 4. Subject specialists have also arranged numerous visits, visitors, workshops and other out-of-classroom learning experiences to inspire and broaden learning at KS4. Extra-curricular visits and residential excursions are also common across KS5, including a trip to CERN this year.

We are now in the final year of curriculum development producing a comprehensive, spiral scheme of work across KS3 and KS4. This fully resourced, lesson by lesson curriculum supports teachers to deliver strong lessons and to for students to benefit from the shared experience and skills of the whole science team. These are constantly being quality assured and developed, and the ideal candidate should bring a sense of creativity and willingness to collaborate.