



Science

The sciences are amongst the most popular and successful subjects at Eltham College. All students study all three sciences up to the end of Year 11 and a significant number continue to A Level. The sciences are also well represented in the courses which students choose to follow at university.

All pupils in Years 7 and 8 are taught separate sciences by subject specialists. In Year 9 the GCSE courses commence with Biology and Physics teaching Edexcel iGCSE and Chemistry teaching AQA GCSE. A small number of students are entered for AQA Trilogy Dual Award GCSE. In both cases, they will be taught by specialists for each subject.

All three sciences are available at A level, either together or in combination with a wide range of other subjects. In addition to the three core sciences, we also offer Geology and Psychology at A level.

The three departments share twelve teachers and four technicians between them and are housed together in the Science block. Each of the ten laboratories is fully equipped, has a computer and an interactive whiteboard, and there is a rolling programme of upgrades ongoing. All departments are extremely well resourced. Teachers are expected to contribute to the teaching of their specialist subject across all the three key stages, as well as to our expanding co-curricular provision.

Biology

The department has two full-time and two part-time teachers, and a full-time technician.

At GCSE, we teach Edexcel iGCSE separate award Biology and we currently use the OCR examination board at A Level.

Results in recent years have been very good. At separate award GCSE, our three-year average has been 98.1% of candidates achieving A*-B grades. At A level, results are among the best in the school with a three-year average of 89.4 % of candidates achieving A* to B grade. The majority of Biology students go on to study related subjects at university. In recent years, we have had particular success with applications to study Medicine, Natural Sciences and Biological Sciences.

As part of the GCSE and A level courses, our students attend lecture days including 'Science Live' and 'Biology in Action; A student's guide to DNA and Genetics'. The students also take part in field trips including High Elms Country Park, Botany Bay and the Wildwood Trust.

The department also runs a successful Medical Society, which helps pupils to equip themselves with the necessary skills to study medical related degrees. Activities include group discussions, talks from outside speakers and practice interview sessions.

Our pupils participate in the Biology Challenge and International Biology Olympiad, with students achieving Gold, Silver and Bronze awards all competitions in 2017.

Person Specification

We seek an inspirational and academic qualified teacher to join this successful department.

The successful candidate will be a graduate of a good university, able to demonstrate a sound subject knowledge, with a proven track record of high academic standards and an ability to enthuse pupils of all ages. Experience in a similarly high-performing academic environment will be a distinct advantage.

All teaching staff are expected to contribute to our extensive co-curricular programme. A willingness to



be involved in Games (boys' or girls') would be a particular recommendation.

The post holder's responsibility for promoting and safeguarding the welfare of children and young persons for whom he / she is responsible, or with whom he / she comes into contact will be to adhere to and ensure compliance with the School's Child Protection Policy Statement at all times. If, in the course of carrying out the duties of the post the post holder becomes aware of any actual or potential risks to the safety or welfare of children in the School he / she must report any concerns to the School's Designated Safeguarding Lead.