



## Beths Grammar School

### Teacher of Science (Biology)

We are seeking to appoint an exceptional Teacher of Biology to join our large and lively Science Department. This is a fantastic opportunity for either an NQT or an established teacher, who wants to be able to deliver Biology across all Key Stages, to students who want to learn.

### Science Department Information

The Science Department was judged to be Outstanding under an Ofsted Science Survey Inspection in January 2012. Science is a dynamic and forward-looking department that is involved in a number of initiatives that include enrichment activities in partnership with a cluster group of local primary schools. At KS4 there has been a further improvement to the already impressive GCSE results following the implementation of the OCR Gateway specification. In the Sixth Form, Science is a significant area of growth with students who complete A2 courses achieving a high proportion of top grades. We encourage them to participate in enrichment activities such as the Science Olympiads where they have performed most creditably.

We are keen to continue to build on this tremendous achievement by further extending and developing our enrichment programme in Science. The Science Department currently has thirteen teachers with a good balance of specialists in Biology, Chemistry and Physics. The department is led by the Head of Science with Heads of Subjects having responsibility for the separate sciences and there is good support provided by a team of three Science Technicians, including two joint Senior Science Technicians

Using the data from the last set of external exams, there is an improving trend in GCSE results across the Sciences, with excellent results in the three Science subjects. In 2019 most of our Year 11 students took Biology, Chemistry and Physics as separate Sciences. In GCSE Biology 98% of the students achieved 9-4 with 69% gaining 9-7 grades. In Physics, 98% and 70% achieved 9-4 and 9-7 respectively. In Chemistry, 98% and 57% achieved 9-4 and 9-7 respectively. In 2020, 72%, 66% and 69% achieved 9-7 for GCSE Biology, Chemistry and Physics respectively, while the figures for 9-4 were 99%, 98% and 98%.

In 2019, 83%, 55% and 47% A\*-B grades were achieved in A-Level Biology, Chemistry and Physics, respectively while the data for the 2020 Centre Assessed grades were 72%, 54% and 66% achieving A\*-B for the three subjects. The department also offers A-Level Electronics with some students opting to do this, following their GCSE Electronics Product course. In 2020 46% achieved A\*-B.

The Science Department is very well resourced. There are nine first class science laboratories, fully equipped preparation rooms, offices, a staff workroom, which houses a departmental photocopier, and extensive storage areas. All laboratories are fully networked with interactive whiteboard technology. The Science Department also has a set of 15 laptops with wireless capability and a wide range of data logging.

Our students follow a two-year KS3 science curriculum and commence GCSE in Year 9.

Being a Grammar School, almost all students go on to complete the separate award qualifications in Biology, Chemistry and Physics in Year 11. At Key Stage 5, Biology follows the SNAB Edexcel specification; Chemistry, Physics and Electronics follow the OCR specifications.

The number of students following Science courses in the Sixth Form continues to increase. Currently Biology, Chemistry and Physics each have three groups at Year 12 with each subject having two groups at Year 13.



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If appointed, the successful candidate would also contribute to KS3 Science, the enrichment programme and support our drive to further raise standards of achievement at Beths Grammar School.

You will be joining an outstanding and supportive team of individuals who are united in their ethos of providing excellence of Teaching and Learning for all our students.

*Covid restrictions currently mean we cannot offer you the chance to visit our school. However, if you have any questions, or would like to discuss this exciting new role, please contact [headsoffice@beths.bexley.sch.uk](mailto:headsoffice@beths.bexley.sch.uk) and we can arrange a virtual meeting with you.*