



Senior Technician (Biology and Physics)

Biology at Freeman's

We are looking for an enthusiastic and committed Senior Biology and Physics Technician with the ability to deliver great resources to lessons and who will work collaboratively within an experienced and purposeful department. The post provides an excellent opportunity for someone to join this collegiate team, whose shared goal is to provide the best possible experience of Biology, including practically, to the students. The same is true for the few hours spent in Physics each week.

The Biology department is staffed by three full time teachers, one part time teacher and an ECT teacher. The new Senior Technician appointee will work across both the Biology and Physics departments. They will work closely with the Physics technician who also works across both departments. The appointee will be responsible for line managing the Physics Technician. There are four well-equipped laboratories for each Science and very well stocked prep rooms for the preparation and storage of practical equipment.

Lower Senior students in Year 7 are taught Science as a combined subject in three hours per week, but in Year 8 are taught Biology and Physics as separate subjects, with an hour per subject each week.

In Year 9, students have the equivalent of one-and-a-half hours per week of each Science which rises to two and a half hours per week in Years 10 and 11. Year 9 students are taught a bespoke in-house course before beginning the Edexcel International GCSE Biology or Double Award Science syllabus in Years 10 and 11.

Enthusiasm and enjoyment in the Sciences are high, one of many reasons being the development of students' practical skills throughout the Senior School.

Many students choose to continue with the Sciences at A Level and there are four sets in each year group for Physics and two or three for Biology. These students have five and a half hours per week. We have followed the Edexcel B A Level syllabuses for a number of years, which has produced pleasing results. Many Sixth Formers leave Freeman's inspired to study Medicine, Engineering or other Sciences at university.

Purpose of the post

To support the Biology Department teaching staff in the delivery of the Biology curriculum to pupils from Years 7 to 13. The role will also involve some support for the Physics Department, but the successful candidate will mainly be based in Biology. The post holder will work within a team-based organisation, relating their work to the priorities and philosophy of the Biology and Physics Departments. The post holder will work closely with the other three Senior School Science technicians, namely the Physics Technician, Senior Technician (Chemistry) and Chemistry Technician.

Main Duties & Responsibilities

- The post holder will work under the guidance of the Head of Biology and occasionally the Head of Physics and must comply fully with the Science Department's health and safety policy. The post holder has responsibilities to:
- Provide experimental apparatus for lessons, ensuring the equipment is working as expected, then clear apparatus from the labs and return it in a clean and working state to the storage area. Dispose of any waste material or chemicals in accordance with CLEAPSS guidance.
- Maintain, repair and construct apparatus.
- Keep the Biology and Physics labs and the Prep Rooms well-stocked and maintain these rooms in a clean and organised manner.
- Provide technical support and guidance for pupils and teaching staff, and trial experiments when required.
- Work alongside the Head of Physics (RPS(School)) and perform monthly store checks and yearly leak tests on the radioactive sources.
- Carry out safety checks and take appropriate action if required.
- Carry out risk assessments.
- Update inventories, stock lists and experiment notes on Lablogger and the Biology area of SharePoint.
- Monitor stock levels and order equipment and stationery before it is required by teachers.
- Issue textbooks to pupils and ensure returned textbooks are in a good condition so that they can be issued the following year.
- Care for plants during term time so they are ready to be used in Biology lessons.
- Line manage the Physics technician, ensuring that all relevant training is provided and completed.
- Keep the budgeting spreadsheet for Biology and Physics up to date.
- Provide resources for departmental after school clubs.
- Purchase new equipment and stock as required for the Biology and Physics departments.

Personal skills

- Participating in decision making within the Science team to ensure the delivery of a high-quality curriculum to pupils.
- Developing and maintaining constructive relationships with teaching staff and the other science technicians.
- Implementing equipment delivery for teaching staff within reasonable time scales.
- Considering available resources and their effective deployment.

Other

- Actively seek to implement and comply with the School's Safeguarding policies and procedures and to demonstrate a commitment to the safety and welfare of children.
- Actively seek to implement the City of London's Occupational Health and Safety Policy in relation to the duties of the post, and at all times give due regard to the health and safety of both themselves and others when carrying out their duties.
- Reporting all accidents via the School's Accident Reporting Hotline.
- Informing the Bursar of any concerns regarding Health & Safety and safe working practices.
- Actively seek to implement the City of London's Equal Opportunity Policy and the objective to promote equality of opportunity in relation to the duties of the post.
- To undertake any other duties that may reasonably be requested appropriate to the grade.

Revision of Job Description

According to the development and requirement of the school, job descriptions may need to be reviewed and updated periodically after consultation with the job holder.

Person Specification

Please find below the qualifications, experience and technical skills required to undertake this post. Each criterion will be assessed at application (A), interview (I) or test (T) as indicated below.

Professional Qualifications / Relevant Education & Training

- Evidence of sixth form or further/higher education including A Level Biology (or equivalent). (A)
- Awareness of relevant health and safety requirements. (A, I)

Experience Required, including Budget Holding Experience (if appropriate)

- Experience of handling common Science apparatus. (A, I, T)
- Proven experience of Biology practical lesson preparation up to and including A Level or equivalent. (A, I, T)
- Experience of working in a laboratory or industrial setting. (A, I)
- Knowledge of the range of equipment used in a typical school Science Department. (A, I)
- Experience of working with children and a demonstrable commitment to the safety and welfare of children. (A, I)
- Experience of handling chemicals, micro-organisms and dissection specimens and microscopes. (A, I)
- An awareness of how to manage budgets. (A, I)

Technical Skills

- Ability to make minor repairs to standard laboratory equipment. (A, I)
- Use of MS Office – word processing, spreadsheet and database skills. (A)
- Excellent communication skills and the ability to engage effectively with staff, pupils and parents. (A, I)

Note to Applicants:

The qualifications, experience and technical skills will be used in the decision making process for recruitment. Please give examples of how you have exhibited these behaviours in your previous role(s). It is essential you address the criterion marked as (A) on your application form in the section for supporting information.

Be as specific as possible, we cannot guess or make assumptions, but will assess your application solely on the information provided. Try to provide evidence, by examples, where possible, of skills, knowledge and experience contained in this person specification.

How to Apply

Applicants should send a completed application form to **CLFS-Recruitment@cityoflondon.gov.uk**, by 9am on Tuesday 19th May 2026.

Interviews will take place at the school on Friday 22nd May 2026. Candidates are asked to note that Freeman retains the right to interview and appoint at any time during the application process.

Freemen's acknowledges receipt of all applications, if you have not received confirmation of the safe receipt of your application within two working days please call the School or email **CLFS- Recruitment@ cityoflondon.gov.uk** to check on its status.

The successful candidate must be able to satisfy the City of London's health requirements and a confidential medical assessment by the City of London's Medical Officer is required.

The City of London Freeman's School is committed to safeguarding and promoting the welfare of children and young people and expects all employees to share this commitment.

The successful applicant must be willing to undergo child protection screening appropriate to the post, including checks with past employers and the Disclosure and Barring Service (Enhanced Disclosure).