

**JOB DESCRIPTION**

Department	Science (Chemistry)	Date	July 2020
Reports to	Head of Chemistry	Responsible for	n/a

Job Purpose

Support teaching and learning in the Chemistry Department through supporting the delivery of practical chemistry lessons by the delivery, set up and clearing way of practical equipment for teaching staff in classrooms as well as supporting the Chemistry Technician.

The Department

Technicians have a vital role to play in the Science Department, both in support of teachers and in having responsibility for various administrative matters. The essential task is to ensure that pupils derive maximum benefit from their lessons (especially practicals) by communicating well with teaching staff to make sure that practical lessons are equipped with the correct equipment. Other important tasks involve the maintenance of records, chemicals and equipment.

In addition, one of the main responsibilities is to make sure that all of the equipment is provided and laid out at the beginning of lessons and cleared away at the end. It is expected that the laboratories are maintained in a safe and tidy fashion and that standard safety procedures are followed.

Technicians are expected to carry out any reasonable request made by the Head of Department to assist in other Science Departments as the need arises.

Responsibilities/Accountabilities

- Enable the efficient delivery of practicals by:
 - Delivering prepared materials to classrooms
 - Setting up practicals and demonstrations for use by a class or teacher
 - Clearing up after a practical has been completed (including washing up and putting away glassware)
- Ensure the maintenance of healthy and safe working environments through:
 - Keeping up to date with current procedures and practices through continuing professional development;
 - The safe treatment of materials including hazardous substances and responding to actual or potential hazards; (although no direct responsibility for the disposal or preparation of chemicals, transport of chemicals around the site is part of the role)
 - The healthy and safe storage and accessibility of equipment and materials.
- Carry out such duties that may be reasonably required by your line manager.

PERSON SPECIFICATION

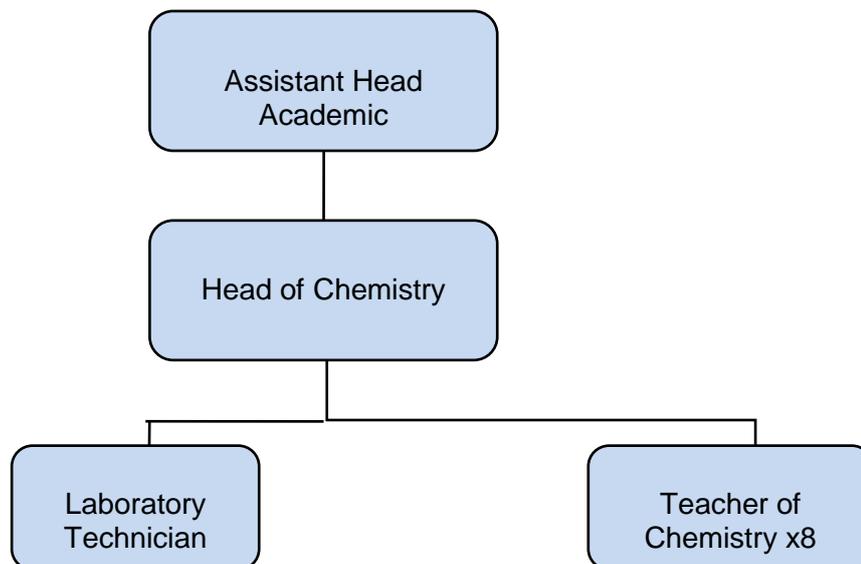
Experience	<ul style="list-style-type: none">• Experience of working in a scientific laboratory• Experience of working in a school is desirable
Qualifications	<p>Essential</p> <ul style="list-style-type: none">• A good standard of education• A qualification in a scientific discipline at A- level (or equivalent) <p>Desirable</p> <ul style="list-style-type: none">• A basic knowledge of First Aid• CLEAPSS technician training (H&S/Handling Chemicals) – training will be provided
Skills & Abilities	<ul style="list-style-type: none">• Good ICT skills.• Organisation skills including the ability to plan, prioritise and meet deadlines.• Ability to communicate effectively, verbally and in writing, with teachers and other science technicians.• Confidence to take responsibility for setting up practicals and demos according to instructions provided.

Christ's Hospital is committed to safeguarding and promoting the welfare of children and young people and expects all staff and volunteers to share this commitment

Additional Work Elements

- This post is term time only: 22.5 hours per week, (9:00-2:30) Monday to Friday, with one hour unpaid lunch break each day. Term time is defined as the published school term dates plus 3 additional days preceding the start of each term and 2 additional days at the end of each term.
- The school will provide induction focusing on the health and safety aspects of the role including handling of chemicals (delivered by the Head of Department). Technician specific training to be provided by CLEAPSS at the earliest available opportunity.
- No holiday may be taken during term time.
- In the event of a major incident or disaster, you may be required to provide assistance, in whatever capacity necessary and participate in any training to ensure the School is fully prepared

Reporting Structure



Science at CH

Christ's Hospital has a strong tradition of producing scientists, medics and engineers, with many pupils making their careers in these areas – alumni include Professor Sir Christopher Zeeman FRS. The Science Department as a whole supports pupils with a range of extra activities including additional support for those who need it.

In the first two years at Christ's Hospital (Years 7 & 8) pupils study an in-house purpose-written general science course which is closely linked to the common entrance syllabus taught in most prep schools. This is taught in mixed ability form groups in Year 7, while a loose upper and lower ability banding is applied in Year 8. Set sizes are generally of 24 pupils. In the middle school (Years 9-11) all pupils follow the Edexcel IGCSE course where all are taught the separate sciences syllabus although a decision is taken in Year 11 as to who would be better suited to sitting the double award exams. Pupils in the middle school are set by ability, and set sizes decrease to around 22 in Years 10 and 11. Each of the three disciplines is taught separately by a subject specialist from this point onwards. Recent IGCSE results are strong with 78% of grades in Physics being A or A*, and 99% A* to C.

A Level uptake is impressive; this year there are around 35 pupils taking Physics, 40 Chemistry and 50 taking Biology. Average Sixth Form set size is 12 pupils; we have also introduced the IB Diploma and all three sciences are heavily involved in that process which produces several more sets in Year 12 (with a small number opting to do Physics as one of their choices). All Science is taught in two dedicated buildings, separate but adjacent in the heart of the main campus. Biology is all located in the same building but for logistical reasons this is currently not possible for Physics and Chemistry. All laboratories are spacious, light and well-appointed. Each has enough room for separate space for experimental and theoretical work, and all have a projector, screen and interactive whiteboards in the New Science School. There is ample space for storage and technical support (each department has dedicated technicians) as well as specialist rooms – a lecture theatre and a microscope room for example. The three Heads of the Science departments work closely together on issues of mutual concern. Examination results are consistently impressive at IGCSE and A Level.