



## **JOB DESCRIPTION: SCIENCE TECHNICIAN**

- Hours:** Full Time (term time plus 4 weeks)
- Salary:** The salary will be competitive and commensurate with experience
- Reporting to:** Head of Science

### **THE SCHOOL**

Bishop Challoner is a highly successful and ambitious school providing a warm and welcoming community where each member is embraced and encouraged to flourish and achieve.

We are committed to providing an environment in which all pupils are challenged to be the best they can be, and one in which pastoral care and wellbeing underpin academic and co-curricular excellence. This rings true in the school's motto - 'Dare to do your best'.

We believe in providing an education for life and we seek to ensure that the learning experience at our school blends the best of tradition with the exciting opportunities provided by developing new skills and aptitude for an ever-changing world. Learning how to learn is a key facet of our education philosophy and is an essential need for the twenty-first century.

We believe that a truly excellent school is about more than academic achievement alone: it is about developing a real passion for learning; a capacity for independent and critical thinking; self-awareness and resilience; self-confidence without arrogance and genuine interests that extend beyond the classroom walls.

At Bishop Challoner we focus on developing the whole person, aiming to ensure that each pupil leaves us ready for the challenges of life at university or the world of work, and understanding their responsibilities towards others.

We want our pupils to leave Bishop Challoner well equipped to engage positively with a rapidly changing world as accomplished problem solvers and confident individuals with a clear appreciation of and respect for the views and potential of others.

### **JOB SPECIFICATION AND CORE RESPONSIBILITIES**

The Science Technician will have the following responsibilities:

#### **1. Teaching and Learning**

- Giving daily technical advice to teachers and pupils.
- Assisting in practical classes and carrying out demonstrations.
- Where relevant, assist in the mounting of displays and visual aids.
- Maintain protocols for standard experiments, records and readings for experiments as required.

## **2. Management of Materials, Resources and Equipment**

- Daily preparation of resources, assembling apparatus.
- Obtaining materials by local purchase.
- Maintenance of lab surfaces and sinks.
- Organising, storing and checking the condition of chemicals and equipment.
- Constructing and modifying apparatus.
- Setting up and caring for plants daily.
- Preparing standard solutions, purifying chemicals, treating waste. Checking stock, ordering.
- Keeping stock records annually.
- Maintaining resources.
- Collecting, checking and returning equipment to stores on a daily basis.
- General laboratory cleaning of bench surfaces and fixed equipment.
- Cleaning and repair of equipment.

## **3. Health and Safety**

- Carrying out risk assessments for technician activities.
- Ensure that correct and safe procedures are used during the preparation and setting up of experiments and laboratory equipment using CLEAPSS and COSHH guidelines.
- Keeping up-to-date with health and safety requirements and with developments in practical science.
- Giving health and safety advice to teachers and students.
- Checking fume cupboards, pressure vessels and first-aid kits; carrying out electrical and other safety checks, etc.
- PAT Testing of equipment in general.
- Ensure the correct disposal of chemical and biological waste according to COSHH regulations.
- Be aware of all relevant emergency procedures and take prompt action to deal appropriately with laboratory emergencies such as spillages.

## **4. Development**

- Attending courses and reading publications as required.
- Participate in training activities and sessions offered by the school and other external agencies in order to further relevant knowledge and skills and keep up to date with technical and health and safety requirements relevant to the job.

## **5. General**

- To promote and uphold the Catholic ethos of the school.
- Attend meetings as required
- Support and contribute to the school's responsibility for safeguarding students.
- Work within the school's health and safety policy to ensure a safe working environment for staff, students and visitors.
- To support with science related clubs
- To liaise with primary feeder schools and offer in-house science activities to the pupils.
- Undertake other reasonable duties related to the job purpose required from time to time.

All completed applications should include a supporting letter. Successful candidates will be invited to attend an interview which will include a lesson observation.

The application should be submitted by email to **Mr M Wallace, Headteacher via his PA Carolyn Chamberlain at [cchamberlain@bcswb.co.uk](mailto:cchamberlain@bcswb.co.uk)**

*Bishop Challoner is committed to safeguarding and promoting the welfare of pupils and this position is therefore subject to a satisfactory enhanced DBS check.*