

Job title:	Science Technician	Salary:	£17K to £21K dependent on experience	Contract term:	40 hours/week Term time only plus INSET days Permanent
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Responsible to:	Head of Science Learning Area	Responsible for:	Chemistry
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Mossbourne Federation

The Mossbourne Federation is the realisation of Sir Clive Bourne's dream to provide the children of Hackney with an outstanding education. Since 2004 the Federation has nurtured Sir Clive's dream by fostering kind, courteous, hard-working and well-rounded learners by providing an outstanding education based on the core values of 'Excellence', 'No Excuses' and 'Unity'. Through upholding these core values, Mossbourne will be first academy federation whose schools are without exception, exceptional.

The Federation's calm working atmosphere creates well-rounded individuals who excel in the arts, on the sporting field and academically. All learners, regardless of ability, benefit from the innovative and enlightened approaches to teaching and learning within The Mossbourne Federation.

The Mossbourne Federation comprises four academies: Mossbourne Community Academy (secondary and which includes The Mossbourne Federation Sixth Form), Mossbourne Victoria Park Academy (secondary), Mossbourne Parkside Academy (primary) and Mossbourne Riverside Academy (primary).

Mossbourne Community Academy

The Mossbourne Federation's flagship academy, Mossbourne Community Academy (MCA) is built on high expectations and doing right by the pupils in our care in order for them to succeed. MCA has not only changed the face of education in Hackney, but has also raised the bar in educational expectations to the highest level; we achieve recognition nationally for setting a new benchmark for non-selective comprehensive education. All pupils, regardless of background or ability, are encouraged to achieve their true potential. With outstanding GCSE and A-level results, year on year, Mossbourne Community Academy is placed within the top 1% of schools in the country.

The Science Learning Area

The Science Learning Area includes departments for Biology, Chemistry, Physics and Vocational Science. With over twenty specialist science teachers, all passionate about delivering outstanding science lessons, it is an extremely exciting place to teach science.

The Learning Area is very well resourced and comprises:

- Nine laboratories - each with an interactive whiteboard, webcam and DVD playing facilities
- Two well-equipped prep rooms with three subject specialist technicians and a prep room assistant
- A computer room with 32 networked PCs
- Two well-equipped staff offices

The Science Technician Role

The successful candidate must be a team player who is passionate about the role practical work plays in Science education. The Technician will play an important role, providing technical and administrative support to teaching staff and ensuring the safe and proper use of and maintenance of resources and equipment. They will be well organised, flexible and willing to go the extra mile.

Key Accountabilities

The post holder's key responsibilities are, but not limited to:

- To promote and be committed to the Academy's aims and objectives and to implement Academy policies.
- To work with the Head of Learning Area for Science to ensure effective provision of practical work.
- To maintain equipment in good working order and to ensure safe storage and use of laboratory equipment.
- To assemble, deliver, collect and dispose of practical equipment.
- To accurately make up solutions of known concentrations and label for storage as required.
- To be responsible for ordering and safe storage of chemicals, equipment and biological material.
- To support teachers when they are trialling out new experiments before lessons
- To keep up to date with health and safety requirements and developments in practical work.
- To ensure that equipment is washed properly and kept for use by teachers.
- To comply with any reasonable request from a manager to undertake work of a similar level that is not specified in the job description.

Person Specification

Essential [E] or Desirable [D]	Requirements	Assessment Criteria		
		Interview	Application form	Task (lesson)
Experience				
E	<ul style="list-style-type: none"> • Experience of working in a similar role would be of an advantage) 	✓	✓	✓
E	<ul style="list-style-type: none"> • Ideally have a knowledge of COSHH regulations and CLEAPPS requirements 	✓	✓	
E	<ul style="list-style-type: none"> • Ability to select appropriate apparatus for a task 	✓		✓
E	<ul style="list-style-type: none"> • Ability to perform simple calculations to make up solutions of known concentration 	✓		✓

E	<ul style="list-style-type: none"> Ability to work independently and part of a team, contributing to department and whole school INSET 	✓	✓	
E	<ul style="list-style-type: none"> Ability to work independently and as part of a team, contributing to science INSETs 		✓	
E	<ul style="list-style-type: none"> Ability to develop and maintain positive relationships with teachers, support staff and technicians 	✓		
Qualifications				
E	<ul style="list-style-type: none"> An enjoyment and understanding of science to at least A Level standard (or equivalent) 	✓		✓
IT knowledge				
D	<ul style="list-style-type: none"> Expert knowledge of the Microsoft package (Word, Excel, Outlook, Publisher, Power Point) 		✓	
D	<ul style="list-style-type: none"> Ability to swiftly adapt to and utilise new/various systems/software 		✓	
D	<ul style="list-style-type: none"> Capable of making effective and appropriate use of ICT in lesson delivery and within the learning area 		✓	✓
Behavioural Competencies				
E	<ul style="list-style-type: none"> Excellent analytical and multi-dimensional communication skills 	✓		✓
D	<ul style="list-style-type: none"> Strategic approach, ability to see the 'big picture' and also think 'outside of the box' 	✓		
E	<ul style="list-style-type: none"> Ability to meet ALL deadlines internally and externally ensuring output consistently is of an exemplary standard 	✓		
D	<ul style="list-style-type: none"> Be an integral member of the Curriculum Support Department with the initiative to work independently with minimal supervision 	✓		
E	<ul style="list-style-type: none"> Must have the upmost integrity as well as high levels of motivation and commitment. 	✓		
E	<ul style="list-style-type: none"> Proactive approach and efficient time management and prioritisation skills 	✓		
E	<ul style="list-style-type: none"> Genuine interest and passion for the education of young people and the ability to contribute more widely to the 	✓	✓	

	life and community of the Federation			
Applicable to all staff				
E	<ul style="list-style-type: none"> Undertake training as required to so in order to fulfil the requirements of the role 	✓	✓	✓
E	<ul style="list-style-type: none"> Support Mossbourne's efforts both verbally and non-verbally (i.e. via actions and attitude), including adjusting performance and practice in accordance with Mossbourne's initiatives and findings 	✓	✓	✓
E	<ul style="list-style-type: none"> Recognise your role as part of the succession of Mossbourne 	✓	✓	✓
E	<ul style="list-style-type: none"> Play an active role in terms of Safeguarding all students and adults 	✓	✓	✓

Mossbourne Federation reserves the right to modify the above contents in order to ensure the needs of the Federation and the students are being met. The above list is not a comprehensive list; it simply outlines the expectations for this role. Mossbourne Federation provides equal employment opportunities to all employment applicants and employees without regard to race, colour, religion, gender, sexual orientation, national origin, age, disability or status. This post is subject to an enhanced DBS disclosure. The post holder must be committed to safeguarding the welfare of children.