MOSSBOURNE FEDERATION

Job title:	Science Technician	**Salary:**	£17K to £21K dependent on experience	**Contract term:**	40 hours/week Term time only plus INSET days Permanent

Responsible to:	Head of Science Learning Area	**Responsible for:**	

Mossbourne Federation

The Mossbourne Federation is the realisation of Sir Clive Bourne's dream to provide the children of Hackney with an outstanding education. Over the last twelve years 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 the 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 Victoria Park Academy

At Mossbourne Victoria Park Academy (MVPA) we continue to build on The Mossbourne Federation ethos to provide an exceptional education for all pupils in our care. With learning at the heart of everything we do, MVPA continues to raise expectations and achievement in Hackney and its neighbouring boroughs with the belief that all students can fulfill their true potential. Our staff deliver excellent lessons; our pupils enjoy a vibrant enrichment programme and have access to debate, speech making and presentation training through our oratory specialism. Our excellent teaching staff work in a rewarding environment where everyone pulls together for the same thing; the best possible deal for our pupils.

The Science Department

The Science Learning Area is a growing department which will expand to include departments for Middle Science, Biology, Chemistry, Physics, Health and Social Care and Vocational Science. This is an exciting time to join an outstanding learning area; which will also provide opportunities to grow and develop within a strong team of committed Science specialists. We provide a positive and optimistic working environment focused on student progress.

The Learning Area is very well resourced and comprises:

- Five well-resourced laboratories - each with an interactive whiteboard, and DVD playing facilities

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- Exceptional facilities and resources to enable you to teach to your full potential.

We currently have three year groups, years 7 and 8 follow the key stage curriculum with some of the new key stage curriculum embedded in it. Year 9 students start the AQA GCSE in the three sciences.

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 polices.
- 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	• Experience of working in a similar role would be of an advantage)	✓	✓	✓
E	• Ideally have a knowledge of COSHH regulations and CLEAPPS requirements	✓	✓	
E	• Ability to select appropriate apparatus for a task	✓		✓

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E	• Ability to perform simple calculations to make up solutions of known concentration	✓		✓
E	• Ability to work independently and part of a team, contributing to department and whole school INSET	✓	✓	
E	• Ability to work independently and as part of a team, contributing to science INSETs		✓	
E	• Ability to develop and maintain positive relationships with teachers, support staff and technicians	✓		
Qualifications				
E	• An enjoyment and understanding of science to at least A Level standard (or equivalent)	✓		✓
IT knowledge				
D	• Expert knowledge of the Microsoft package (Word, Excel, Outlook, Publisher, Power Point)		✓	
D	• Ability to swiftly adapt to and utilise new/various systems/software		✓	
D	• Capable of making effective and appropriate use of ICT in lesson delivery and within the learning area		✓	✓
Behavioural Competencies				
E	• Excellent analytical and multi-dimensional communication skills	✓		✓
D	• Strategic approach, ability to see the 'big picture' and also think 'outside of the box'	✓		
E	• Ability to meet ALL deadlines internally and externally ensuring output consistently is of an exemplary standard	✓		
D	• Be an integral member of the Curriculum Support Department with the initiative to work independently with minimal supervision	✓		
E	• Must have the upmost integrity as well as high levels of motivation and commitment.	✓		
E	• Proactive approach and efficient time management and prioritisation skills	✓		
E	• Genuine interest and passion	✓	✓	

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	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	• Undertake training as required to so in order to fulfil the requirements of the role	✓	✓	✓
E	• 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	• Recognise your role as part of the succession of Mossbourne	✓	✓	✓
E	• 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.

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