



Ark St Alban's Academy

STEM Technician

Ark St Alban's Academy is seeking to appoint a skilled and enthusiastic teacher to lead our work to further raise achievement in science.

Our school is committed to addressing educational disadvantage. We consistently guide pupils to GCSE and A-Level outcomes which place our cohorts in the top 10% of schools nationally on many measures, including those for the progress of disadvantaged pupils. Our school serves pupils from central Birmingham. The percentage of our cohort eligible for the Pupil Premium is the eighth highest in the country. There are very few communities in the UK who need great teachers more than ours. Teachers and leaders at Ark St Alban's Academy are determined to prove that the background of a young person can be no impediment to their success. Our school prepares pupils to succeed at elite universities, with our alumni proudly representing our community at prestigious destinations including Cambridge University, Durham University and the London School of Economics.

Our school consistently secures excellent outcomes for our pupils.

Our pupils are passionate about STEM subjects. The number of pupils pursuing sciences and maths in our sixth form continues to grow each year, both in the pursuit of A-Levels and vocational courses. Our school also has a strong track record in both art and design with pupils increasingly confident in exploring and developing their design technology and artistic skills.

Providing all pupils with an academic and rigorous science education is central to our university preparatory curriculum.

In this role, the successful candidate will work directly with curriculum leaders across multiple subjects to aid the preparation and delivery for high quality teaching and learning for pupils in all key stages.

The successful candidate will also be able to collaborate with colleagues across the Ark network of schools to identify, iterate and implement best practice.

In this role, the successful candidate will receive direct support from leaders both within and beyond the department through line-management. As part of Ark Schools, all colleagues also have access to exceptional professional development and training opportunities, including NPQs through the [Ark Teaching School Hub](#) and [Ambition Institute](#).

We are seeking a leader to join our work to provide a transformational education for all of our pupils.

For an informal conversation about the role or to arrange an informal visit or phone call with the Principal, please contact Katie Roberts on 0121 446 1323 or katie.roberts@arkstalbens.org.

Please submit your application online by visiting [our current vacancies](#).

Start date:	January 2023 (flexible for the right candidate)
Location:	Conybere Street, Birmingham B12 0YH
Reporting to:	Deputy Head of Science
Location:	Ark St Alban's Academy
Contract:	Permanent
Working Pattern:	Full Time
Salary:	Ark Support Scale 5: Pay Points 5 – 12 (Actual Salary £16,828.06 – £19,329)

The deadline for applications is Monday 10th October at 10.00am.

Our [website](#) can provide more information about Ark St Alban's Academy.



Job Description: STEM Technician

The Role

As a STEM Technician, you will support teachers in delivering high quality practical work, inspiring students and enabling them to develop a deeper understanding of practical subjects including **Science, Design Technology and Art**. You will also maintain excellent standards of Health and Safety in all areas of the departments.

Key Responsibilities

Learning support

- Support teachers when planning and carrying out practical work, highlighting any health and safety causes for concern, following CLEAPSS guidelines
- Prepare and trail practical resources as per department schemes of work
- Prioritise practical requisitions, delivering, setting up and clearing away practical's in Science and all lessons in Design Technology and Art.
- Provide technical, safety and learning assistance in lessons, supporting students and staff

Health & Safety

- Ensure all equipment are properly repaired, maintained and stored
- Ensure the labs and safety equipment are properly maintained
- During term time, manage the care of long-term experiments
- Procure biological consumables and other perishable items as necessary
- Run risk assessments related to normal working tasks carried out, including tasks in the preparation room
- Provide First Aid as required

Other

- Actively promote the safety and welfare of our children and young people
- Ensure compliance with Ark's data protection rules and procedures
- Liaise with colleagues and external contacts at all levels of seniority with confidence, tact and diplomacy
- Work with Ark Central and other academies in the Ark network, to establish good practice throughout the network, offering support where required

This job description is not an exhaustive list and you will be expected to carry out any other reasonable tasks as directed by your line manager.

Person Specification: STEM Technician

Qualifications

- Minimum of A Level Grade C or above (or equiv) in a science subject, ideally qualified to degree level
- Health and Safety qualification or training or commitment to work towards
- First Aid qualification or training or commitment to work towards

Knowledge, Skills and Experience

- Experience of working in a laboratory in a school or other industry, desirable
- Experience, knowledge or a keen interest of key practical demonstrations that demonstrate key scientific concepts and engage students
- Up-to-date knowledge of COSHH procedures and CLEAPPS requirements
- Knowledge of Health & Safety risk assessment
- Strong IT, administrative and organisational skills
- Excellent communication and interpersonal skills with children and adults
- Able to deal with minor incidents including first aid

Behaviours

- Genuine passion for and a belief in the potential of every pupil
- A robust awareness of keeping children safe, noticing safeguarding and welfare concerns, and you understand how and when to take appropriate action.
- Belief that every student should have access to an excellent education regardless of background
- Professional outlook, detailed orientated and able to multi-task and meet deadlines
- A team player that can work collaboratively as well as using own initiative
- Helpful, positive, patient, and caring nature
- Calm and professional under pressure
- Understanding of the importance of confidentiality and discretion
- Flexible attitude towards work and demonstrates sound judgement

Other

- Right to work in the UK
- Commitment to equality of opportunity and the safeguarding and welfare of all students
- Willingness to undertake training
- This post is subject to an enhanced DBS check

This post is covered by Part 7 of the Immigration Act (2016) and therefore the ability to speak fluent English is an essential requirement for the role.

Ark is committed to safeguarding and promoting the welfare of children and young people in our academies. In order to meet this responsibility, we follow a rigorous selection process. This process is outlined [here](#), but can be provided in more detail if requested. All successful candidates will be subject to an enhanced Disclosure and Barring Service check.



Being part of the Ark network

Ark is an international charity, transforming lives through education. We exist to make sure that every child, regardless of background, has access to a great education and real choices in life. We know that great schools need great teachers, which is why we offer you the very best training and support at every stage of your career - from starting out as a trainee to running your own school.

Our highly-successful network of 37 schools educates over 20,000 students across Birmingham, Hastings, London and Portsmouth. They are achieving some of the best results in the country despite being largely in areas of historic academic underachievement.

Ark schools prioritise six key principles: high expectations; excellent teaching; exemplary behaviour; depth before breadth; more time for learning; knowing every child.

Ark invests significantly in a number of professional development programmes which complement academy level training:

- The Ark training menu: we have developed a bespoke training menu, which is accessible by all staff in the network offering a wide range of training modules to staff in all roles
- Network support: schools share CPD, allowing us to share best practice and role specific training across the network, facilitated by in-school and central staff
- Ark staff receive 10 training days each year rather than five creating time to collaborate with subject specialists within each school and across the network

Ark is at the forefront of changing education society through education. You can read more about how Ark is transforming lives through education [here](#).

Meet the Principal

Guy Rimmer graduated from the University of Warwick and became part of the very first Teach First cohort in the West Midlands. Having trained as an English teacher in Birmingham, Guy then went on to work for Teach First itself, coordinating teacher development activities for its alumni network. In 2010, he joined Ark Schools and began teaching at King Solomon Academy, an exceptionally successful start-up school in central London where he taught a number of subjects including Business, Geography and Religious Studies.



Guy held several leadership positions at King Solomon Academy, before becoming Head of Secondary in 2018. In ten years as a leader at KSA, Guy played a key role in the success of the first five cohorts to complete GCSEs and A-Levels at the school, cohorts which consistently placed in the top 1% nationally for pupil progress and from which, the majority of pupils regularly secured places at top-third universities after the completion of their sixth form studies. Guy joined Ark St Alban's Academy in September 2020 and he is determined to continue the work of building a school in central Birmingham which is a truly exceptional place to work and to study.

If you would like to speak to the principal prior to making an application, please get in touch via katie.roberts@arkstalbans.org

Ark Safer Recruitment Procedure

Ark is committed to safeguarding and promoting the welfare of children and young people in its academies. In order to meet this responsibility, its academies follow a rigorous selection process to discourage and screen out unsuitable applicants.

Disclosure

This post is classified as having substantial access to children, and appointment is subject to an enhanced police check of previous criminal convictions (DBS). Applicants are required, before appointment, to disclose any conviction, caution or binding over including 'spent convictions' under the Rehabilitation of Offenders Act 1974 (Exemptions) Order 1975. Non-disclosure may lead to termination of employment. However, disclosure of a criminal background will not necessarily debar individuals from employment – this will depend upon the nature of the offence(s) and when they occurred.

Reference checking

References from the previous and current employer will be taken up for shortlisted candidates, and where necessary employers may be contacted to gather further information.

Probation

All new staff will be subject to a probation period of six months (which may, in certain circumstances, be extended by up to 10 weeks). The probation period is a trial period, to enable the assessment of an employee's suitability for the job for which they have been employed. It provides the academy with the opportunity to monitor and review the performance of new staff in relation to various areas, but also in terms of their commitment to safeguarding and relationships with pupils.

