



Ark Isaac Newton Academy

Lead Science Technician





About Isaac Newton Academy

Ark INA is based between Ilford High Road and Green Lane In Ilford. The school's learning community is based upon the core values of mutual respect, personal discipline, and an unwavering commitment on the part of all community members to do whatever it takes to excel.



Ark Isaac Newton Academy Secondary is a non-denominational, non-selective school, welcoming girls and boys from all backgrounds from the local community. The school opened with just 180 Year 7 students in September 2012. The secondary academy has grown year on year and we now have 1200 11-18 year olds (including 250 students in the Sixth Form). In September 2014, Ark Isaac Newton Academy opened a three-form entry primary academy in purpose-built accommodation right next to the secondary academy. There are 90 children in each year group, and like the secondary academy, it has grown a year group at a time. As of September 2021, we now have a fully all through academy with our year 6 moving into year 7.

The London Borough of Redbridge forecasts a significant deficit in secondary school places over the coming years. The Academy will thus serve a critical, long-term need for the community. Although the local area encompasses considerable economic disadvantage, its young people achieve some of the best results in London schools. Ark was chosen to sponsor the academy because of the success of our educational model and the alignment of our educational vision with the Redbridge context.

Dear Candidate,

I am delighted to introduce you to Ark Isaac Newton Academy, a brand new, purpose-built, all-through school for students aged 4-18 in Ilford.

Our staff work tirelessly to ensure that each and every student is supported and stretched to reach their full potential. We focus on working towards achieving our vision **‘Together, we build a kind, safe and inclusive environment that instils the knowledge and character necessary to reach transformational destinations’**. Commitment to this has already delivered a series of great successes highlighted in October 2018 when the academy was judged by Ofsted to be outstanding in all areas.

Joining Ark Isaac Newton Academy in September 2020, I have spent more than a decade as a senior leader, a large portion of this within an all-through school. There is something incredibly special about working in an all-through school, which makes me committed to delivering the highest quality education to all the students at Isaac Newton Academy and will build on the successes already enjoyed by the school, especially highlighted with our amazing year 6, 11 and 13 academic outcomes in 2022, 2023 and 2024.

Our academy aims to be a ‘home from home’ for both staff and students. My belief is all students deserve a great school and staff a great place to work. Therefore, we are very clear with the culture that we wish to cultivate for our community. Central to this is being a mission led organisation, which is at the heart of everything we do and outlines our ambition, that goes beyond ensuring our students have excellent academic outcomes. Ultimately, working for Ark Isaac Newton Academy is about being part of something unique where aspirations for all people are incredibly high. We certainly want like minded people to join our organisation and live our mission each day, every day: ***Striving together to be pioneers whose legacy makes a positive difference for our world.***

I wish you the best with your application.



Morgan Haines
Principal



Our Mission

Striving together to be pioneers whose legacy makes a positive difference for our world.

Our vision

Together, we build a kind, safe and inclusive environment that instils the knowledge and character necessary to reach transformational destinations.

Our Values & Beliefs

- **Integrity** – We are true to our values, doing what we say; we always do the right thing, even when it's hard and nobody is watching.
- **Kindness** – We always support each other, show genuine care and consider the feelings of others in all our actions and words.
- **Professionalism** - We model pride and positivity in all that we do; we are always respectful and take responsibility for our actions.
- **Growth mindset** – We work hard; we are resilient in adversity and unafraid of failure, always embracing our mistakes and celebrating our growth.
- **Excellence** – We are highly ambitious, doing the best in all we do to become the greatest version of ourselves.
- **Community** – We are unified, valuing relationships that create an environment where everybody is accepted and belongs.



About Ark

Ark is an education charity set up in 2004 to create a network of high achieving, non-selective, inner city schools where all pupils, regardless of their background or prior attainment, achieve highly enough by age 18 to have real choices: to go on to university or the career of their choice. Ark has no faith affiliations.

All ARK schools are situated in areas of high deprivation or educational need and our pupil profile reflects this: over half of our pupils are eligible for free school meals compared to 18% nationally.

The ARK network operates 39 schools in the UK across London, Portsmouth, Birmingham and Hastings. Each of our schools has its own distinctive character, reflecting its local community.

All Ark Schools prioritise six key principles:

- High expectations
- Excellent teaching
- More time for learning
- Knowing every student
- Exemplary behaviour
- Depth before breadth

A Commitment to Encourage Diversity

We aim to build a diverse and inclusive organisation where everyone – staff and students – can do their best work and achieve their full potential. We want to reflect and represent diverse perspectives across our organisation because we know that doing so will make us stronger and more effective.

Our aim is that our workforce will be truly representative of all sections of society and that each employee feels respected and able to give their best. To that end we are committed to provide equality and fairness for all in our recruitment and employment practices and not to discriminate on grounds of age, disability, gender reassignment, marriage/civil partnership status, pregnancy and maternity, race, religion or belief, sex, or sexual orientation. We oppose all forms of unlawful and unfair discrimination.

To know more about Ark's diversity and inclusion commitments, please click on this [link](#).

Job Description – Lead Science Technician

Reporting to:	Head of Science
Start date:	1 st September 2025
Salary:	Band 7 Ark Support Staff Scale £31,646-£36,727 (FTE) per annum pro rata, depending on experience
Hours:	Term Time + 2 weeks, 36 hours per week
Closing date:	Monday 7 th July 2025
Interviews:	Candidates will be contacted once shortlisted

The Role – key responsibilities

To provide professional and responsive support to teaching staff to support outstanding teaching and learning in science.

Lead Science Technician Responsibilities

- To monitor stock and draft requisitions as appropriate, to check and store safety apparatus and materials appropriate for courses provided by the Academy.
- To ensure the prep-rooms are maintained in good order and well organised to assist with efficient lesson preparation.
- To plan and carry out a complete stock take and a full inspection of apparatus and services on an annual basis.
- To feedback relevant health & safety information to the science team as and where necessary.
- To prepare and provide equipment and materials to support science practical teaching
- To assist with providing general maintenance of the Science labs, including the care of services, stores, laboratory equipment, drainage systems, working surfaces, etc., reporting any repairs as appropriate for action
- To check new equipment for damages and functioning
- To support with a complete stock take and a full inspection of apparatus and services on an annual basis under supervision of the Lead Technician.
- To demonstrate specialist techniques and give advice to teachers and students, i.e. ecology collecting methods, microbiology techniques, microscopes, oscilloscopes and other apparatus where necessary.
- To prepare, maintain and store apparatus for demonstration and for practical work as required
- To place requisitions, progress, receive, check (for quality and safety) and distribute equipment where appropriate
- To ensure that health and safety requirements and other relevant regulations are adhered to and observed. This may involve undertaking regular checking procedures and risk assessments, as appropriate to the work area
- To share responsibility for the care of animals and plants in the Science labs and to maintain long term experiments
- To procure biological consumables, i.e. fruit, hearts and other perishable items as necessary and where directed by the lead Science technician.

General Technician Responsibilities

- To ensure timely preparation of specialist equipment/resources/materials for lessons
- To maintain specialist equipment, check for quality/safety and arrange for repairs/modifications to be carried out
- To create high quality, engaging displays and maintain display boards to a high standard in the curriculum area
- To assist with inventory of equipment and stock control in order to maintain a supply of equipment for teaching use
- To support with ordering stock as directed by the Head of Department so that resources are adequate for lessons
- To support with receiving and checking deliveries of supplies and ensure accuracy from suppliers.
- To repair, maintain and store equipment in order to guarantee safe and effective upkeep
- To provide administrative support, e.g. making telephone enquiries, filing, etc.
- To support students in the classroom environment to assist in the learning process where technical equipment is involved
- In addition to the specific responsibilities of the post, the post holder will be expected to assist with other tasks as and when required, at the deployment of the line manager

Other

- To play an active part in the development of the students through positive interactions with them and direct support of their learning
- To support school trips from time to time
- To actively promote the academy and liaise with outside agencies as necessary, representing the Academy or ARK as appropriate
- To maintain a presence around the Academy to ensure that the highest standards of behaviour and site-usage are upheld
- To communicate and liaise with staff, students, parents, governors and members of the local community as appropriate
- To be active in issues of staff and student welfare and support
- To comply with and assist in the development of policies and procedures in relation to child protection, health, safety and security, confidentiality and data protection, reporting all concerns to an appropriate person
- To demonstrate a commitment to Equality of Opportunity for all members of the Academy's community.
- To undertake any other responsibilities as directed by the line manager/Principal

Academy Culture

- To play an active part in the development of the students through positive interactions with them, dining with them and running an enrichment activity weekly
- To help develop an Academy culture and ethos that is utterly committed to achievement
- To demonstrate a commitment to equality of opportunity for all members of the Academy's community
- To contribute to discussions at operational team, science team and other staff meetings

- To contribute to the writing and implementation of the Academy Improvement Plan
- To meet the expectations of all INA staff as laid out in the Staff Code of Conduct & Ways of Working Policy
- To uphold all Academy policies with consistency and diligence
- To actively promote the academy and liaise with outside agencies as necessary, representing the Academy or ARK as appropriate
- To maintain a presence around the Academy to ensure that the highest standards of behaviour and site-usage are upheld
- To communicate and liaise with staff and students, as appropriate
- To act as a role model and set and maintain the highest standards of conduct and behaviour
- To undertake any other responsibilities as directed by the line manager/Principal

Person Specification: Lead Science Technician

Qualification Criteria

- Right to work in UK
- Minimum GCSE (or equivalent) C grades in English, Mathematics & Science
- Science A levels
- A science degree would be an advantage

Experience

- Experience of working with children of a relevant age in a school setting
- Experience of technician support in a school environment (desirable)

Personal characteristics

- Vision aligned with ARK's high aspirations, high expectations of self and others
- A firm and constant belief in the unlimited potential of every student and a commitment to inclusive educational provision
- Motivation to continually improve standards and achieve excellence
- Commitment to the safeguarding and welfare of all students and providing equality of opportunity
- Excellent planning and organisational skills
- Resilience, motivation and commitment to driving up standards of achievement
- Acting as a role model to staff and students
- Commitment to regular and on-going professional development and training to establish outstanding classroom practice
- The ability to develop positive relations with students and adults in particular when liaising with non-technical colleagues
- Hardworking, conscientious and accurate
- Resilience and optimism
- The ability to work effectively alone and as a part of a team
- Excellent listening skills and ICT skills (word, excel, internet, email)
- The ability to follow instructions accurately, but make sound judgements and lead when required
- Strong interpersonal, written and oral communication skills and ICT skills
- Strong organisational and time management skills and a flexible attitude towards work
- The ability to take personal responsibility, a readiness to reflect and self-evaluate, and the ability to change, develop and improve
- Confidence and self-motivation
- The ability to work well under pressure
- High levels of honesty and integrity
- A sense of humour and desire to have fun

- Ability to adapt to change and work successfully in a team
- A flexible attitude towards working hours

Other

- This post is subject to an enhanced DBS check

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.