

Job Description: Science Teacher (with KS5 experience)

Role: Science Teacher with KS5 Chemistry or Physics experience (potential responsibility)

Start: 2nd November 2026

Reports to: Head of Science

Salary: MPS £38,805 - £51,735 per year

The Role

We are seeking an exceptional Science Teacher with KS5 experience to inspire the next generation of scientists, who cares deeply about the pupils they teach and are dedicated to helping our pupils access real options. To deliver outstanding teaching and learning of science, supporting pupils to achieve excellent results, and to be a positive role-model, upholding the school vision and impacting the academy more widely.

Key Responsibilities

- Plan, resource and deliver lessons to the highest standard so that pupils make exceptional progress
- Provide a nurturing environment that helps pupils to develop as learners
- Contribute to establishing and maintaining discipline across the whole academy
- Contribute to the wider development of each child, supporting our mission that every pupil leaves Ark Pioneer with real options, be it to embark on their chosen career or to go onto a course of their choice at university

Outcomes and Activities

Teaching

- Set high expectations so that all pupils are inspired, motivated and challenged to reach their full potential
- Create a positive climate for learning, by explicitly teaching lesson routines and applying behaviour systems consistently and fairly
- Plan and teach well-structured, differentiated lessons which allow adequate time to embed new knowledge, understanding and skills
- Nurture every pupil's intellectual curiosity, asking pertinent questions to deepen pupils' understanding
- Systematically check pupils' understanding and act to correct any misconceptions
- Provide pupils with individual feedback aimed at moving his or her learning forward, developing a growth mindset in each pupil
- Ensure that all pupils achieve at least at chronological age level or, if well below level, make significant and continuing progress towards achieving at chronological age level

Curriculum and Assessment

- Participate in and contribute to effective collaborative planning for every year group, feeding your experience into improvements in the curriculum
- Contribute to the planning of assessments and subject specific revision, including preparing pupils for national examinations

- Review and reflect on each assessment, making intelligent use of data to identify underperformance, and plan appropriate support to address this
- Predict pupil outcomes as required
- Lead enrichment and participate in trips and visits to enhance the learning experience of all pupils

Culture and ethos

- Contribute to the Science department's behaviour management, implementing school systems consistently and in a kind and respectful manner
- Develop strong partnerships and ensure regular communication with parents
- Be active in issues of pupil welfare and support
- Complete duties around the school, modelling best practice for all staff

Development of the Ark Network

- Value and support practices driving continued progress across the network of Ark schools
- Participate actively throughout the network, by attending relevant meetings and network-wide training and assessment standardisation

Other

- Undertake, and when required, deliver or be part of the appraisal system and relevant training and professional development
- Undertake other various responsibilities as directed by the Head of Department or Principal.

Person Specification: Science Teacher

Qualification Criteria

- Qualified to teach and work in the UK
- Strong A Levels or equivalent
- Degree in Science or degree in a closely related subject

Knowledge, Skills and Experience

- Mastery of and enthusiasm for Science
- Knowledge of the national secondary education system, examinations and curriculum
- Excellent understanding of both subject and general teaching pedagogy
- Experience of reflecting on and improving teaching practice to increase pupil achievement
- Experience of interpreting pupil data to drive lesson planning and pupil progress
- Experience of raising attainment in a challenging environment
- Experience of leading successful enrichment which inspire and motivate learners
- Effective and systematic behaviour management

Personal Characteristics

- Genuine passion for and a belief in the potential of every pupil
- Vision aligned with Ark Pioneer's high aspirations and high expectations of self and others
- Effective team worker and leader
- Excellent interpersonal, planning and organisational skills
- Motivation to continually improve standards and achieve excellence
- Reflective practitioner, open to feedback and training to establish outstanding classroom practice
- Acts as a role model to staff and pupils
- Commitment to and understanding professionalism in line with the National Teaching Standards

Other

- Commitment to equality of opportunity and the safeguarding and welfare of all pupils
- Willingness to undertake training
- This post is subject to an enhanced Disclosure and Barring Service 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.