

Title of Post	Teacher of Science
Grade and Range	Main Scale/UPS
Contract Type	Teacher
Post Status	Permanent
Accountable to	Subject Leader Science
Main Location	New Road Academy

Main purpose

To deliver high-quality Science education that inspires curiosity, develops scientific knowledge and understanding, and enables all students to achieve their full potential. The postholder will plan and deliver engaging, challenging lessons, assess and monitor student progress, and create a positive learning environment that promotes high standards of achievement, behaviour and inclusion. They will contribute to the ongoing development of the Science curriculum, support the wider life of the academy, and work collaboratively with colleagues, parents and external partners to ensure excellent outcomes for all learners while fostering a lifelong interest in Science and its relevance to the modern world.

Duties and responsibilities

Quality of Education

- **Planning:** To plan effectively to ensure high quality delivery to all pupils at all times
- **Classroom Management:** Establish a positive and organised classroom climate that promotes focus, participation, and respect.
- **Engagement Strategies:** Employ a variety of techniques to capture and maintain pupils' attention, creating an inspiring learning experience and a thirst for learning that raises pupil aspirations.
- **Innovation:** Deliver exciting, engaging, modern approaches to learning that inspires all pupils to be the very best that they can be.
- **Clear Communication:** Provide explicit and concise instructions to ensure pupils understand expectations and learning objectives.
- **Curriculum Development:** Design and implement a rich and rigorous curriculum that aligns with educational standards and pupil needs.
- **Pupil Achievement:** Tailor instruction to meet the needs of all pupils, especially those with additional needs and identified sub-groups, to ensure that - regardless of background or starting point - all pupils can achieve exceptional educational outcomes.
- **Subject Expertise:** Demonstrate a deep understanding of the subject matter and effectively convey knowledge to pupils.
- **Scaffolding and Modelling:** Offer guidance, examples, and support to help students grasp new concepts and essential knowledge.
- **Independent Practice:** Provide opportunities for pupils to practice and apply their learning independently, reinforcing understanding.
- **Assessment and Feedback:** Utilise effective formative assessment strategies to monitor pupil progress, identify areas for improvement, and provide timely feedback.
- **Pupil progress:** Analyse pupil performance through effective assessment and identify areas for improvement, offering targeted interventions, both in the lesson and beyond, to help them achieve their full potential.
- **Homework:** Uphold the academies homework policy.
- **Department Development Plan:** To support the delivery to the DDP, lead on areas as appropriate and provide evidence of completion as required.

Professional learning and development

- Coaching: actively participate in coaching to enhance teaching practices and improve pupil outcomes.
- Subject knowledge: Continuously seek opportunities to further enhance subject knowledge.
- Trust network: Participate in network hub meetings and other professional L&D activities.
- Collaboration: Willingness to work with others to share good practice and develop resources.
- Appraisal: To work effectively with line manager to support academy and personal development progress through proactive engagement in the appraisal cycle.

Personal and professional Conduct

- Code of conduct: Follow LCT code of conduct.
- Adhere to Ethical Standards: Maintain the highest standards of conduct, both inside and outside the academy, to uphold the integrity of the profession.
- Respect Academy Values: Embrace the academy's ethos, policies, and practices, demonstrating commitment and professionalism in all aspects of your work.
- Passion and Enthusiasm: Demonstrate a passion and enthusiasm for education and the teaching of pupils that translates to an energy and hunger in pupil learning.
- Understand Professional Responsibilities: Fully understand and fulfil your professional duties and responsibilities as outlined in relevant statutory frameworks.
- Promote Public Trust: Strive to maintain public trust in the academy, trust and the profession by acting with integrity and upholding ethical standards.
- Treating pupils with dignity: Building relationships rooted in mutual respect, and always observing proper boundaries appropriate to a teacher's professional position.
- Pupils' Wellbeing: Having regard for the need to safeguard pupils' well-being, in accordance with statutory provisions.
- British Values: Not undermining fundamental British values, including democracy, the rule of law, individual liberty and mutual respect, and tolerance of those with different faiths and beliefs.
- Objectivity: Ensuring that personal beliefs are not expressed in ways which exploit pupils' vulnerability or might lead them to break the law.

Other Responsibilities

- Responsibility for safeguarding and promoting the welfare of children.
- Comply with and assist with the development of policies and procedures relating to child protection, health, safety and security, confidentiality and data protection, reporting all concerns to an appropriate person.
- Be aware of and comply with all schools policies and procedures
- Be aware of and support difference and ensure equal opportunities for all
- Contribute to the overall ethos and aims of the Schools and Trust
- Appreciate and support the role of other professionals
- Attend and participate in relevant meetings, training and learning activities as required

The postholder may be required to carry out any other duties that are commensurate with the post. Whilst every effort is made to explain the main duties and responsibilities of the post each individual task undertaken may not be identified.

This job description is subject to review by the line manager in negotiation with the post holder at any time. However, an annual review of this job description and allocation of responsibilities will take place as part of agreed performance management arrangements.

Signed :

Date:

Line Manager:

Signed:

Date:

Employee:

Person Specification – Teacher of Science

	Essential	Desirable
Qualifications	• Qualified Teacher Status. • Degree in suitable subject	•
Work or Relevant Experience	• Successful teaching experience in Secondary Phase, KS3 and KS4. • Sustained and successful record of high-quality classroom practice. • Demonstrable consistent and high quality Experience of modelling high expectations, strong routines and effective teaching practice.	•
Skills/Knowledge	• Strong understanding of curriculum, pedagogy, assessment, instructional coaching and evidence-informed teaching practice. • An excellent knowledge of the National Curriculum • An excellent knowledge of effective teaching and learning strategies • An excellent understanding of how children learn • Extensive knowledge of how to adapt teaching to meet pupils' needs • Ability to build effective working relationships with pupils • An excellent knowledge of guidance and requirements around safeguarding children • Extensive knowledge of effective behaviour management strategies • Extensive knowledge and well-informed understanding of the assessment requirements and arrangements for the subject/curriculum area you teach • A more developed knowledge and understanding of your subject/curriculum area and related pedagogy, including how learning should progress • Flexible, creative and adept at designing learning sequencing within and across lessons as part of the curriculum • Good ICT skills, particularly using ICT to support learning	
Personal Attributes	• A commitment to getting the best outcomes for all pupils and promoting the ethos and values of the academy.	•

	• High expectations for children's attainment and progress • Ability to work under pressure and prioritise effectively • Commitment to maintaining confidentiality at all times • Commitment to safeguarding and equality	
Special Conditions	• Sufficiently fluent in spoken English to ensure effective performance in the role. • Able to work at times to meet the needs of the academy and Trust. • Willingness to undertake an enhanced Disclosure and Barring Service check. • Commitment to safeguarding and promoting the welfare of children.	• Experience of contributing to wider academy life, enrichment or community engagement.