



Teacher of Science

Job Description

Job Purpose:

- To teach across the age and ability range
- Under the reasonable direction of the Headteacher, carry out the professional duties of a schoolteacher as set out in the current STPCD.
- To implement and deliver an appropriately broad, balanced, relevant and differentiated curriculum for students and to support a designated curriculum area as appropriate.
- To monitor and support the overall progress and development of students as a teacher/mentor.
- To facilitate and encourage a learning experience which provides students with the opportunity to achieve their individual potential.
- To contribute to raising standards of student attainment and closing the achievement gap between groups of students.
- To share and support the school's responsibility to provide and monitor opportunities for personal and academic growth.

Conditions of employment

- Details of the general terms and conditions applying to this post are outlined in the Statement of Particulars provided to you on appointment to this post.
- You may wish to have particular reference to the Scheme of Conditions of Service of the School Teachers' Pay & Conditions Document.
- The post holder should familiarise themselves with the Schools policies which can be found on the School Intranet.

Standards

Teachers make education of their pupils their first concern and are accountable for achieving the highest possible standards in work and conduct. Teachers act with honesty and integrity; have strong subject knowledge, keep their knowledge and skills as teachers up to date and are self-critical; force positive professional relationships and work with parent in the best interests of their pupils.

Set high expectations which inspire, motivate and challenge pupils.

- Establish a safe and stimulating environment for pupils, rooted in mutual respect
- Set goals that stretch and challenge pupils of all backgrounds, abilities and dispositions
- Demonstrate consistently the positive attitudes, values and behaviour which are expected of pupils

Promote good outcomes and progress by pupils

- Be accountable for pupils' attainment, progress and outcomes
- Plan teaching to build on pupils' capabilities and prior knowledge
- Guide pupils to reflect on the progress they have made and their emerging needs
- Demonstrate knowledge and understanding of how pupils learn and how this impacts on teaching
- Encourage pupils to take a responsible and conscientious attitude to their own work and study



Demonstrate good subject and curriculum knowledge

- Have a secure knowledge of the relevant subject(s) and curriculum areas, foster and maintain pupils' interest in the subject, and address misunderstandings
- Demonstrate a critical understanding of developments in the subject and curriculum areas and promote the value of scholarship
- Demonstrate an understanding of , and take responsibility for, promoting high standards of literacy, articulacy and the correct use of standard English whatever the teacher's specialist subject
- If teaching early reading, demonstrate a clear understanding of systematic, synthetic phonics
- If teaching early mathematics, demonstrate a clear understanding of appropriate teaching strategies

Plan and teach well structured lessons

- Impart knowledge and develop understanding through effective use of lesson time.
- Promote a love of learning and children's intellectual curiosity
- Set homework and plan other out-of-class activities to consolidate and extend the knowledge and understanding pupils have acquired
- Reflect systematically on the effectiveness of lessons and approaches to teaching
- Contribute to the design and provision of an engaging curriculum within the relevant subject area(s)

Adapt teaching to respond to the strengths and needs of all pupils

- Know when and how to differentiate appropriately, using approaches which enable pupils to be taught effectively
- Have a secure understanding of how a range of factors can inhibit pupils' ability to learn and how best to overcome these
- Demonstrate an awareness of the physical, social and intellectual development of children, and know how to adapt teaching to support pupils' education at different stages of development
- Have a clear understanding of the needs of all pupils, including those with special educational needs; those of high ability; those with English as an additional language; those with disabilities; and be able to use and evaluate distinctive teaching approaches to engage and support them

Make accurate and impactful use of assessment

- Know and understand how to assess the relevant subject and curriculum areas, including statutory assessment requirement
- Make use of formative and summative assessment to secure pupils' progress
- Use relevant data to monitor progress, set targets and plan subsequent lessons
- Give pupils regular feedback both orally and through accurate marking and encourage pupils to respond to the feedback

Manage behaviour effectively to ensure a safe learning environment

- Have clear rules and routines for behaviour in classrooms and take responsibility for promoting good and courteous behaviour in classrooms and around the school, in accordance with the school's behaviour policy
- Have high expectations of behaviour, and establish a framework for discipline with a range of strategies, using praise sanctions and rewards consistently and fairly
- Manage classes effectively using approaches which are appropriate to pupils' needs in order to involve and motivate them



- Maintain good relationships with pupils, exercise appropriate authority and act decisively when necessary

Fulfil wider professional responsibilities.

- Make a positive contribution to the wider life and ethos of the school
- Develop effective professional relationships with colleagues, knowing how and when to draw on advice and specialist support
- Deploy support staff effectively
- Take responsibility for improving teaching through appropriate professional development responding to advice and feedback from colleagues
- Communicate effectively with parents with regard to pupils' achievements and well-being

Personal and professional conduct

A teacher is expected to demonstrate consistently high standards of personal and professional conduct. The following statements define the behaviour and attitudes which set the required standard for conduct throughout a teacher's career.

- Teachers uphold public trust in the profession and maintain high standards of ethics and behaviour, within and outside school by: Treating pupils with dignity, building relationships rooted in mutual respect, and at all times observing proper boundaries appropriate to a teacher's professional position
- Having regard for the need to safeguard pupils' well-being in accordance with statutory provisions
- Showing tolerance of, and respect for, the rights of others
- 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
- Ensuring that personal beliefs are not expressed in ways which exploit pupils' vulnerability or might lead them to break the law:-

1. Teachers must have proper and professional regard for the ethos, policies and practices of the school in which they teach and maintain high standards in their own attendance and punctuality
2. Teachers must have an understanding of, and always act within, the statutory frameworks which set out their professional duties and responsibilities

Notes:

The school will endeavour to make any necessary reasonable adjustments to the job and the working environment to enable access to employment opportunities for disabled job applicants or continued employment for any employee who develops a disabling condition. • The job description is current at time of publication but will be reviewed on an annual basis and following consultation with you, may be changed to reflect or anticipate changes in the job requirements, which are commensurate with the job title and grade.



Teacher of Science

Person Specification

E – Essential

D – Desirable

| Criteria | | E | D |
|--|--|---|---|
| Qualifications | QTS with Teacher Number – for NQTs confirmation from PGCE provider | x | |
| | Degree status of equivalent | x | |
| Experience of: | Teaching must include some experience of working in a comprehensive school | x | |
| | Teaching science at KS3 & KS4 | x | |
| | Setting challenging and ambitious targets for students | x | |
| | Teaching Biology, Chemistry or Physics at A level | | x |
| Professional development | Commitment to continuing professional development and awareness of your own training needs. | x | |
| Skills, attributes and dispositions | Professional, aspirational, creative, ability to think and act innovatively. | x | |
| | Ability to be part of a team. High level of interpersonal skills, ability to relate well to pupils, colleagues and parents | x | |
| Knowledge and understanding relating to: | Ability to demonstrate the principles and practice of effective learning and teaching. | x | |
| | Commitment to inclusive education | x | |
| | Current pedagogical developments for science and wider curriculum developments | x | |
| | Ability to teach across a range of ages and ability | x | |