

**PERSON SPECIFICATION – TEACHER OF SCIENCE (PHYSICS)**

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| **Criteria** | **Essential** | **Desirable** | **Method of Assessment** |
| Qualifications | * An honours degree or equivalent in a science subject
* A-Levels in one or more Science, with a good grade
* QTS
 | * Ability to teach Physics to KS5
* Higher level or postgraduate qualification within Physics.
 | * Application form
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| Experience | * Be or have to the potential to be an outstanding classroom practitioner
* Monitoring standards – acknowledge excellence and challenge poor performance
* Setting and achieving ambitious goals and challenging targets
* An up to date knowledge of ICT and its use within the classroom.
* Specialist teaching ability in Physics at KS3 and 4 but ability to teach outside of specialist field too.
* Proven track record of ensuring high attainment and progress scores with students
* An outstanding form or house tutor.
 | * Participation in whole school initiatives
* Experience of successfully running extra-curricular activities e.g. STEM clubs
 | * Application form
* Interview
* Lesson Observation
* In tray activities
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| Professional Development | * Evidence of relevant further professional development
* Successful engagement in trainee teacher target setting or performance management process
 | * Membership of professional science association e.g. IoP
 | * Application form
* Interview
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| Knowledge/special aptitudes | * Ability to interpret and analyse class data to track and monitor student performance.
* Knowledge of the characteristics of good and outstanding teaching and learning
* Understanding and commitment to safeguarding procedures
* High expectations of students and the ability to ensure that all students needs are met
* The ability to build positive relationships with colleagues, students and parents
* Understanding of a broad range of current relevant education issues/initiatives
 | * Knowledge of successful intervention strategies
* Extensive curriculum knowledge
* Experience of planning, implementing and evaluating successful strategies for school improvement with regard to the Science curriculum.
* Experience in a range of different contexts
 | * Application form
* Interview
* Lesson Observation
* In tray activity
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| Personal Qualities/skills and Characteristics | * Enthusiastic and passionate about science
* Sets high standards for themselves and their students including safety
* Is able to motivate and encourage students of all abilities
* Is able to work collaboratively as part of a team
* Is able to organise and meet deadlines
* Is able to work under pressure
* Has ambition
* Has the capacity to evaluate their own performance and strive for excellence
* Ability to research, disseminate and deliver innovative approaches to teaching and learning across science.
 |  | * Interview
* Application form
* Lesson Observation
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