



## PERSON SPECIFICATION – TEACHER OF SCIENCE

Criteria	Essential	Desirable	Method of Assessment
Qualifications	<ul style="list-style-type: none"> <li>An honours degree or equivalent in a science subject</li> <li>A-Levels in one or more Science, with a good grade</li> <li>QTS</li> </ul>	<ul style="list-style-type: none"> <li>Ability to teach Chemistry or Physics to KS5</li> <li>Higher level or postgraduate qualification within Chemistry or Physics.</li> </ul>	<ul style="list-style-type: none"> <li>Application form</li> </ul>
Experience	<ul style="list-style-type: none"> <li>Be or have to the potential to be an outstanding classroom practitioner</li> <li>Monitoring standards – acknowledge excellence and challenge poor performance</li> <li>Setting and achieving ambitious goals and challenging targets</li> <li>An up to date knowledge of ICT and its use within the classroom.</li> <li>Specialist teaching ability in Chemistry or Physics at KS3 and 4 but ability to teach outside of specialist field too.</li> <li>Proven track record of ensuring high attainment and progress scores with students</li> <li>An outstanding form or house tutor.</li> </ul>	<ul style="list-style-type: none"> <li>Participation in whole school initiatives</li> <li>Experience of successfully running extra-curricular activities e.g. STEM clubs</li> </ul>	<ul style="list-style-type: none"> <li>Application form</li> <li>Interview</li> <li>Lesson Observation</li> <li>In tray activities</li> </ul>
Professional Development	<ul style="list-style-type: none"> <li>Evidence of relevant further professional development</li> <li>Successful engagement in trainee teacher target setting or performance management process</li> </ul>	<ul style="list-style-type: none"> <li>Membership of professional science association e.g. IoP</li> </ul>	<ul style="list-style-type: none"> <li>Application form</li> <li>Interview</li> </ul>
Knowledge/special aptitudes	<ul style="list-style-type: none"> <li>Ability to interpret and analyse class data to track and monitor student performance.</li> <li>Knowledge of the characteristics of good and outstanding teaching and learning</li> <li>Understanding and commitment to safeguarding procedures</li> <li>High expectations of students and the ability to ensure that all students needs are met</li> <li>The ability to build positive relationships with colleagues, students and parents</li> <li>Understanding of a broad range of current relevant education issues/initiatives</li> </ul>	<ul style="list-style-type: none"> <li>Knowledge of successful intervention strategies</li> <li>Extensive curriculum knowledge</li> <li>Experience of planning, implementing and evaluating successful strategies for school improvement with regard to the Science curriculum.</li> <li>Experience in a range of different contexts</li> </ul>	<ul style="list-style-type: none"> <li>Application form</li> <li>Interview</li> <li>Lesson Observation</li> <li>In tray activity</li> </ul>
Personal Qualities/skills and Characteristics	<ul style="list-style-type: none"> <li>Enthusiastic and passionate about science</li> <li>Sets high standards for themselves and their students including safety</li> <li>Is able to motivate and encourage students of all abilities</li> <li>Is able to work collaboratively as part of a team</li> <li>Is able to organise and meet deadlines</li> </ul>		<ul style="list-style-type: none"> <li>Interview</li> <li>Application form</li> <li>Lesson Observation</li> </ul>

	<ul style="list-style-type: none"><li>• Is able to work under pressure</li><li>• Has ambition</li><li>• Has the capacity to evaluate their own performance and strive for excellence</li><li>• Ability to research, disseminate and deliver innovative approaches to teaching and learning across science.</li></ul>		
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