



**Candidate Specification  
Teacher of Science  
May 2021**

<b>Criteria</b>	<b>Essential</b>	<b>Desirable</b>	<b>Method of Assessment</b>
<b>Qualifications</b>	<ul style="list-style-type: none"><li>• Be a well-qualified graduate with a good honours degree in Biology, Chemistry, Physics or another Science based subject and a PGCE or other recognised teaching qualification in a science based subject.</li></ul>	<ul style="list-style-type: none"><li>• Further professional qualifications</li></ul>	Application Form Reference
<b>Experience</b>	<ul style="list-style-type: none"><li>• Have experience of teaching and inspiring pupils across the secondary age and ability range to learn effectively and produce work of a high standard, using assessment to inform future planning of pupils' work will be advantageous, but it is recognised that this may be limited to teaching practice experiences in the case of applicants still undergoing Initial Teacher Training</li></ul>		Application form  Reference  Interview

<p><b>Knowledge, Skills and Abilities</b></p>	<ul style="list-style-type: none"> <li>• Be an energetic, innovative and enthusiastic Science teacher with a thorough knowledge of the National Curriculum for Science in Wales, and with the ability to motivate and interest pupils of all abilities in Science and its applications</li> <li>• Be able to teach all attainment targets in Science at Key Stage 3 and WJEC Biology, Chemistry and Physics at Key Stage 4, including Double Award Science and Double Award Applied Science, as well as being able to contribute to the teaching of a science at Key Stage 5 if required at a future date.</li> <li>• Show evidence from teaching or teaching practice of the ability to elicit work of a high standard from pupils of different ages and abilities</li> <li>• Have an awareness of the new curriculum for Wales (2022)</li> <li>• Be able to work independently and as part of a team, seeking advice when necessary</li> <li>• Be a sound classroom manager with the skills needed to create a climate in which effective learning can take place</li> <li>• Be a good administrator who can ensure the effective and timely completion of tasks, the writing of reports, maintenance of records etc.</li> <li>• Be able to contribute to the effective delivery of cross-curricular strategies such as those in numeracy, literacy (LNF) and ICT (DCF) within their science lessons</li> <li>• Demonstrate a commitment to continuing professional development</li> </ul>	<ul style="list-style-type: none"> <li>• Understand the teacher's role and responsibility in relation to the overall running of the Science Faculty and the School</li> <li>• Be aware of developments locally and throughout Wales in the field of Science education and pedagogy</li> <li>• The ability to undertake duties effectively in a bilingual school and LA</li> </ul>	<p>Application Form</p> <p>Reference</p> <p>Interview</p>
<p><b>Professional conduct and suitability to work with Young People</b></p>	<ul style="list-style-type: none"> <li>• Excellent attendance, punctuality and discipline record</li> </ul>		<p>Reference</p> <p>DBS Check</p>