



**Candidate Specification
Teacher of Science (Physics Specialist)
January 2023**

Criteria	Essential	Desirable	Method of Assessment
Qualifications	<ul style="list-style-type: none"> Be a well-qualified graduate with a good honours degree in Physics or another Physical Science based subject and a PGCE or other recognised teaching qualification in a science based subject. 	<ul style="list-style-type: none"> Further professional qualifications 	Application Form Reference
Experience	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Be aware of developments locally and nationally in the field of Science and pedagogy 	Application form Reference Interview
Knowledge, Skills and Abilities	<ul style="list-style-type: none"> Be an energetic, innovative and enthusiastic Science teacher with a thorough knowledge of the National Curriculum for Science and its future development in Wales, and with the ability to motivate and interest pupils of all abilities in Science and its applications Be able to teach all attainment targets in Science at Key Stage 3 and WJEC Physics at Key Stage 4, including Triple and Double Award Science and Double Award Applied Science, as well as potentially being able to contribute to the teaching of the WJEC AS/A2 Physics specification to a high standard. 		Application Form Reference Interview

	<ul style="list-style-type: none"> • Show evidence from teaching of the ability to elicit work of a high standard from pupils of different ages and abilities • Have a clear focus on standards and pupil performance, ensuring each child studying the subject achieves their best • Be able to work independently and as part of a team, seeking advice when necessary • Be a sound classroom manager with the skills needed to create a climate in which effective learning can take place and the ability to support other staff in achieving the same in accordance to school policy • Be a good administrator who can ensure the effective and timely completion of tasks, the writing of reports, maintenance of records etc. • Have secure analytical skills and an understanding of the importance and significance of pupil performance data in the subject and the ability to use these skills to ensure the best outcomes for all pupils studying the subject • 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 • Have a good understanding of the Literacy, Numeracy and Digital Competency framework and its application across the curriculum • Have a strong awareness of the changes within education and the new Curriculum for Wales • Demonstrate a commitment to continuing professional development 		
<p>Professional conduct and suitability to work with Young People</p>	<ul style="list-style-type: none"> • Excellent attendance, punctuality and discipline record 		<p>Reference DBS Check</p>