



# King's Academy Binfield

## Person Specification

### Teacher of Science

<b>Specific Teaching Key Skills &amp; Abilities</b>	<ul style="list-style-type: none"> <li>● Demonstrate consistent and effective planning of lessons and sequences of lessons to meet students' learning needs.</li> <li>● Demonstrate consistent and effective use of information about prior attainment to establish well-grounded expectations for students.</li> <li>● Ability to identify clear teaching objectives, content, lesson structures and sequences appropriate to Science and the students being taught.</li> <li>● Ability to set appropriate and challenging expectations for students' learning, progress and motivation.</li> <li>● Ability to identify students who have special educational needs and know how to provide appropriate support and intervention.</li> <li>● Demonstrate effective use of a range of teaching and classroom management strategies to ensure teaching objectives are met and learning time is maximised.</li> <li>● Ensure high expectations for students' behaviour, establishing and maintaining positive relationships and a purposeful learning environment.</li> <li>● Ability to use teaching methods that engage and motivate students, including practical investigation, effective questioning, clear explanations and the use of appropriate resources and technology.</li> <li>● Ability to assess how well learning objectives have been achieved and use this information to inform future teaching and intervention.</li> <li>● Demonstrate consistent and effective monitoring of student progress and provide clear and constructive feedback.</li> <li>● Demonstrate that, as a result of teaching, students achieve well relative to their prior attainment and make strong progress.</li> <li>● Demonstrate knowledge of how to prepare and present informative reports to parents/carers.</li> <li>● Ability to recognise that learning takes place beyond the classroom and provide opportunities to develop students' understanding through practical, investigative and real-world scientific contexts.</li> <li>● Demonstrate an understanding of the need to liaise with agencies responsible for students' welfare where appropriate.</li> <li>● Demonstrate an active contribution to the policies, values and aspirations of the academy.</li> <li>● Demonstrate that you are an effective professional who challenges and supports all students to achieve their best through:             <ul style="list-style-type: none"> <li>❖ inspiring trust and confidence</li> <li>❖ building positive relationships and teamwork</li> <li>❖ engaging and motivating students</li> <li>❖ analytical thinking</li> <li>❖ positive action to improve the quality of students' learning</li> </ul> </li> </ul>
<b>Other required Key Skills &amp; Abilities</b>	<ul style="list-style-type: none"> <li>● Excellent interpersonal, communication, organisational and presentation skills.</li> <li>● Good analytical and numeracy skills.</li> </ul>

	<ul style="list-style-type: none"> <li>● Ability to organise and prioritise work effectively, meet deadlines and complete tasks with minimal supervision.</li> <li>● Ability to work collaboratively and contribute positively to a team environment.</li> <li>● The capacity to learn new skills, take initiative and generate ideas.</li> <li>● Good IT skills, particularly in Microsoft Word and Excel.</li> <li>● Ability to contribute positively to change and continuous improvement.</li> <li>● Experience of teaching Science at Key Stages 3 and 4; experience at Key Stage 5 would be advantageous.</li> <li>● Ability to contribute to extracurricular and enrichment opportunities within Science.</li> </ul>
<b>Education &amp; Qualifications</b>	<ul style="list-style-type: none"> <li>● Evidence of an undergraduate degree in a relevant subject.</li> <li>● Qualified Teacher Status (QTS), or successful completion of a teacher training programme leading to QTS.</li> </ul>
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>● Demonstrate a thorough and up-to-date knowledge of Science and relevant specialism(s).</li> <li>● Have detailed knowledge of the relevant aspects of the National Curriculum and other statutory requirements.</li> <li>● Demonstrate knowledge and understanding of wider curriculum developments relevant to Science education.</li> <li>● Cope confidently with subject-related questions students may raise and understand common misconceptions within Science.</li> </ul>
<b>Experience</b>	<ul style="list-style-type: none"> <li>● Study of Science or relevant specialism(s) as part of a Higher Education course.</li> <li>● Experience of teaching successfully in a secondary school, including as part of initial teacher training.</li> </ul>
<b>Personal Attributes</b>	<ul style="list-style-type: none"> <li>● Reliability, honesty and a commitment to maintaining confidentiality.</li> <li>● The ability to establish positive working relationships with students, staff, parents and governors.</li> <li>● An understanding of and sensitivity to the needs of students of different abilities, ages and backgrounds.</li> <li>● The ability to handle sensitive matters with discretion and professionalism.</li> <li>● Ability to take personal responsibility for organising workload and meeting deadlines.</li> <li>● Self-motivated with the ability to inspire and motivate others.</li> <li>● Energy, enthusiasm and resilience.</li> <li>● Professional and confident manner.</li> <li>● Demonstrate responsibility for personal professional development and use outcomes to improve teaching and learning.</li> <li>● A commitment to continuous improvement, teamwork and high professional standards.</li> <li>● Ability to work calmly and effectively under pressure.</li> </ul>