



## Teacher of Chemistry: Job Description and Person Specification

### Key Details

<b>Job Title:</b>	Teacher of Chemistry
<b>Grade:</b>	MPS/UPS
<b>Reporting to:</b>	Head of Chemistry
<b>Responsible for:</b>	The teaching and learning of Chemistry, ensuring that every student is positively encouraged to fulfil their potential.

### Chemistry at Borlase



The Chemistry department comprises the Head of Chemistry, three teachers of Chemistry (two part time) and a chemistry technician. The Chemistry department has three classrooms, a prep room, chemical cupboard and a technician office, situated in the Science block with the Biology and Physics departments.

STEM at Borlase is a vibrant, exciting faculty with specialists in their subjects teaching across the curriculum. Chemistry students at Borlase are encouraged to be independent in their learning, to be curious and to extend their understanding beyond the curriculum. A lot of emphasis is placed on practical work, and students are given the opportunity to develop the ability to make accurate observations, manipulate scientific equipment, analyse data, evaluate methodology and draw conclusions while investigative approaches encourage inquiry-based learning and a greater depth of understanding.

At KS3, all students follow an accelerated two-year science curriculum which has been designed to enthuse young people about science. At KS4, all students work towards the Separate Sciences GCSE following the Edexcel (9-1) specification. Teachers enrich the students' learning beyond the specification throughout the three year course. Students' enjoyment of the subject is reflected in our A-level uptake, with over 100 students studying Chemistry in our Sixth Form. Academic results in Chemistry are excellent and every year a number of students go on to study Chemistry-related degrees at university.

There are many opportunities for students to go above and beyond the curriculum, from competitions and projects to conferences and subject-based lectures. Sixth-form students lead the school's Chemistry Society and Biochemistry Society. A large number of students complete science-based EPQs. Older students are also actively involved in mentoring students in younger years.

## Specific Responsibilities

- Plan and deliver Chemistry lessons of a very high standard to Key Stage 4 and 5 classes, and Science to Key Stage 3 classes within the curriculum.
- Assess and support student progress towards achieving their academic targets.
- Manage the students for whom you have responsibility as their teacher.
- Plan and teach sequences of lessons which incorporate an appropriate range and depth of subject knowledge in line with statutory requirements.
- Teach lessons with clear objectives and well-pitched tasks which provide pace and challenge using a variety of learning strategies.
- Understand responsibilities required under the SEND Code of Practice and to seek advice from SEND Coordinator when appropriate.
- Employ a variety of marking, monitoring and assessment strategies to inform planning, develop learning, and evaluate students' progress.
- Provide constructive feedback to help students reflect upon and improve their work.
- Make effective use of the school's assessment criteria and reporting procedures to inform learning.
- Contribute to the wider activities within the Chemistry Department.
- Keep the form register and monitor patterns of student attendance/ absence.
- Promote the positive values, attitudes and behaviour expected from all students by treating them with respect and consideration.
- Use of the school's rewards and sanctions procedures in line with the school's behaviour policy.
- Report concerns about individual student progress and behaviour to relevant senior staff.
- Demonstrate consistently high expectations of all students and a commitment to maximising achievement.
- Communicate promptly and sensitively with parents, carers and other relevant bodies where necessary.
- Contribute to and value the work of teams of staff dedicated to advancing student learning and welfare.
- Ensure that the stock and equipment are well cared for and used economically.
- Work collaboratively with the Science Technicians.
- Work collaboratively with other teachers of the subject with any matters, including student behaviour, to ensure the full delivery of the curriculum.
- Support the extra-curricular life of the school.
- Complete any other relevant and reasonable duties requested by the Headteacher.

## Additional Specific Responsibilities

- Carry out the duties of a Form Tutor.

## General Duties

- Perform a weekly supervisory duty in accordance with published schedules.
- Fulfil the conditions of employment of schoolteachers as laid down in the Teachers' Pay & Conditions Document.

## Person Specification

Category	Essential	Desirable	Assessment
Qualifications, Education, training	<ul style="list-style-type: none"><li>• Good honours degree in relevant subject.</li><li>• QTS.</li><li>• Recent relevant INSET.</li></ul>		<ul style="list-style-type: none"><li>• Certificates</li><li>• Application</li></ul>
Relevant Experience	<ul style="list-style-type: none"><li>• Successful teaching experience, including the teaching of Chemistry to GCSE.</li></ul>	<ul style="list-style-type: none"><li>• Experience of teaching A Level Chemistry.</li><li>• Experience of the role of form tutor.</li></ul>	<ul style="list-style-type: none"><li>• Application</li><li>• Interview</li><li>• Task</li></ul>
Knowledge, skills, and abilities	<ul style="list-style-type: none"><li>• Excellent oral and written communication skills.</li><li>• Excellent ICT skills.</li><li>• Ability to exercise control in the classroom and encourage excellent behaviour.</li><li>• An enthusiasm for STEM in general and the ability to generate this in others.</li><li>• Ability to lead and work as part of a team.</li><li>• Knowledge of current resources for Chemistry teaching.</li></ul>		<ul style="list-style-type: none"><li>• Application</li><li>• Interview</li><li>• Task</li></ul>
Safeguarding	<ul style="list-style-type: none"><li>• Commitment to demonstrating a responsibility for safeguarding and promoting the welfare of young people.</li></ul>		<ul style="list-style-type: none"><li>• Interview</li></ul>
Personal Qualities/ Other	<ul style="list-style-type: none"><li>• Ability to manage, motivate, support and inspire trust in others.</li><li>• Ability to confront and resolve problems.</li><li>• A commitment to further training and a willingness to participate in relevant CPD.</li></ul>		<ul style="list-style-type: none"><li>• Application</li><li>• Interview</li><li>• Task</li></ul>

	<ul style="list-style-type: none"> <li>● A willingness for the department's lessons to be observed as part of staff professional development.</li> <li>● A passionate commitment to develop the best in young people.</li> <li>● Commitment to pastoral care.</li> <li>● A willingness to be involved in extra-curricular activities.</li> <li>● The ability to maintain confidentiality and discretion inside and outside school.</li> <li>● A positive approach to challenges, seeking solutions to problems and addressing difficulties with sensitivity and good humour.</li> </ul>		
Shared Values	<ul style="list-style-type: none"> <li>● Aspiration</li> <li>● Courage</li> <li>● Enthusiasm</li> <li>● Integrity</li> <li>● Kindness</li> <li>● Respect</li> <li>● Responsibility</li> </ul>		<ul style="list-style-type: none"> <li>● Application</li> <li>● Interview</li> <li>● Task</li> </ul>