



### Overview of Bridging Course

<b>Department:</b> Chemistry	
<b>What is the focus of this bridging course?</b>	
<ul style="list-style-type: none"> <li>• Students will be introduced to A – level Chemistry as a subject and the different strands that will be assessed.</li> <li>• Students will be introduced to the four key topics viewed as the Foundations of Chemistry.</li> <li>• Students will be introduced to some of the key skills needed at A-level Biology.</li> <li>• Students will begin to form links between different areas of the course.</li> <li>• Students will begin to apply their knowledge to tasks/questions related to the A – level style exam papers used at end of year 12 to assess students' knowledge and understanding of Chemistry.</li> </ul>	
<b>w/b 27 April</b>	<b>Chemical Bonding</b> <ul style="list-style-type: none"> <li>• Students will learn about what the course entails, and the different aspects of the A-level in Chemistry</li> <li>• Students will be given access/log ins to the digital platform Kerboodle which will be used to deliver and help assess the learning in the bridging course</li> <li>• Students will be recap ideas they might already have learnt about Chemical Bonding at GCSE which will be built upon in their A – level studies</li> <li>• Students will then begin to learn about Chemical Bonding in more detail. This will be specifically in Ionic and Covalent bonding</li> <li>• Students will then apply their knowledge to specific tasks designed to strengthen their depth of knowledge and ultimately answer A – level style questions</li> </ul>
<b>w/b 4 May</b>	<b>Atoms, Ions and Isotopes</b> <ul style="list-style-type: none"> <li>• Students will be recap ideas they might already have learnt about Atoms, Ions and Isotopes at GCSE which will be built upon in their A – level studies</li> <li>• Students will then begin to learn about Atoms, Ions and Isotopes in more detail.</li> <li>• Students will then apply their knowledge to specific tasks designed to strengthen their depth of knowledge and ultimately answer A – level style questions</li> </ul>
<b>w/b 11 May</b>	<b>Quantitative Chemistry</b> <ul style="list-style-type: none"> <li>• Students will be recap ideas they might already have learnt about Quantitative Chemistry at GCSE which will be built upon in their A – level studies</li> <li>• Students will then begin to learn about Quantitative Chemistry in more detail.</li> <li>• Students will then apply their knowledge to specific tasks designed to strengthen their depth of knowledge and ultimately answer A – level style questions</li> </ul>
<b>w/b 18 May</b>	<b>Acids, Bases, Neutralisation and Titration</b> <ul style="list-style-type: none"> <li>• Students will be recap ideas they might already have learnt about Acids, Bases, Neutralization and Titration at GCSE which will be built upon in their A – level studies</li> <li>• Students will then begin to learn about Acids, Bases, Neutralization and Titration in more detail.</li> <li>• Students will then apply their knowledge to specific tasks designed to strengthen their depth of knowledge and ultimately answer A – level style questions</li> </ul>
<i>Work that will students will receive feedback on:</i>	
Students will submit their completed A- level questions from each week of the bridging course, and these will be marked in detail.	