

Subject	Year 9 Physics Content Summer Term	How to support students' learning
Radioactivity	<p>Summary of the concepts covered:</p> <ul style="list-style-type: none"> <li>➤ Atoms and Radiation</li> <li>➤ The Discovery of the Nucleus</li> <li>➤ Changes in the Nucleus</li> <li>➤ More about Alpha, Beta and Gamma Radiation</li> <li>➤ Activity and Half Life</li> </ul>	<p>Review the content of radiation using the website here: <a href="http://Physics-SchoolUK.com">Physics-SchoolUK.com</a> - <a href="#">Atomic Structure KS4</a>.</p> <p>You need to know about the plum pudding model and Rutherford's planetary model, read through this website here: <a href="#">Radioactivity : Discovery of the Nucleus</a></p> <p>Alpha, Beta and Gamma are the three types of radiation you need to know. Watch a video to recap: <a href="#">GCSE Physics - Alpha, Beta and Gamma Radiation #33 - YouTube</a></p> <p>Half life is an important quantity in physics. Read through this website and see the animation to show you what is meant by half life: <a href="#">Radioactive Half Life - Pass My Exams: Easy exam revision notes for GCSE Physics</a></p>