

Subject	Year 9 Physics Content Summer Term	How to support students' learning
Radioactivity	Summary of the concepts covered: ➤ Atoms and Radiation ➤ The Discovery of the Nucleus ➤ Changes in the Nucleus ➤ More about Alpha, Beta and Gamma Radiation ➤ Activity and Half Life	Review the content of radiation using the website here: Physics-SchoolUK.com - Atomic Structure KS4. You need to know about the plum pudding model and Rutherford's planetary model, read through this website here: Radioactivity : Discovery of the Nucleus Alpha, Beta and Gamma are the three types of radiation you need to know. Watch a video to recap: GCSE Physics - Alpha, Beta and Gamma Radiation #33 - YouTube 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: Radioactive Half Life - Pass My Exams: Easy exam revision notes for GCSE Physics