



Long Term Plan

Year 13:

Subject: Physics

<u>AUTUMN TERM 1</u>	<u>AUTUMN TERM 2</u>
Further Mechanics - Simple Harmonic Motion (PAG 7) Fields - Gravitational Fields. Electric Fields. Capacitors. Nuclear Physics - Radioactivity.	Fields - Electric Fields. Capacitors. (PAG 9) Nuclear Physics - Radioactivity. (PAG11) Mock Exams
<u>SPRING TERM 1</u>	<u>SPRING TERM 2</u>
Fields - Magnetic Fields. Electromagnetic Induction.(PAG10+11) Nuclear Physics - Nuclear Energy Thermal Physics - Change of State. Latent Heat and Specific Heat Capacity.	Thermal Physics - Gas Laws. Kinetic Theory (PAG8) Space Physics - Telescopes. Distance and Magnitude.Stars and Stellar Evolution. The Big Band and Red Shift
<u>SUMMER TERM 1</u>	<u>SUMMER TERM 2</u>
Completion of Space Physics Work on Practical Skills and Analysis Techniques - This will include recap of work done on required practicals. Past paper completion and analysis. Revision - Including past papers, A5 MC booklets, A5 written questions booklet AQA A Level Physics - 7408A Physics (Astrophysics Option) • Paper 1: 2 hours. 85 marks. 34% of the A Level	AQA A Level Physics - 7408A Physics (Astrophysics Option) • Paper 2: 2 hours. 85 marks. 34% of the A Level • Paper 3: 2 hours. 80 marks. 32% of the A Level