

A Level Physics Curriculum Map

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
Year 12	<ul style="list-style-type: none"> Transition from GCSE to A level including assessment <p>Module 1 theory Uncertainty, Error and Analysis PAG – 3.2 Investigating electrical characteristics</p> <p>Module 2 – Foundations of Physics</p> <ul style="list-style-type: none"> Quantities and Units Vectors <p>Module 4 – Charge and Current</p>	<p>Module 1 PAG 1.1 – Determining g PAG 3.3 Internal resistance of a cell</p> <p>Module 3</p> <ul style="list-style-type: none"> Motion Forces in action <p>Module 4</p> <ul style="list-style-type: none"> Energy Power and resistance 	<p>Module 1 PAG 4.1 – Investigating resistance PAG 4.2 – investigating circuits will serval sources of emf. PAG 2.1 – Youngs Modulus PAG 2.2 – Springs in series and parallel</p> <p>Module 3</p> <ul style="list-style-type: none"> Work energy and power Materials (springs) <p>Module 4</p> <ul style="list-style-type: none"> Electrical circuits Waves 1 	<p>Module 1 PAG 5.1 Determination of wavelength using diffraction gratings PAG 5.3 – Wavelength and frequency on an oscialliscope.</p> <p>Module 3</p> <ul style="list-style-type: none"> Materials (other than springs) <p>Module 4</p> <ul style="list-style-type: none"> Waves 2 	<p>Yr 12 Assessments</p> <p>Module 1 PAG 6.1– Determining Plank’s constant PAG 6.2 – Experiments with light</p> <p>Module 3</p> <ul style="list-style-type: none"> Laws of motion and momentum <p>Module 4</p> <ul style="list-style-type: none"> Quantum Physics 	<p>Module 1 PAG 6.3 – Experiments with polarisation PAG 9.3 – Investigating capacitance PAG 8.1 – Investigating absolute zero</p> <p>Module 5</p> <ul style="list-style-type: none"> Thermal Physics <p>Module 6</p> <ul style="list-style-type: none"> Capacitors
Year 13	<p>Module 1 PAG 8.2 – Investigating the relationship between pressure and volume</p> <p>Module 5</p> <ul style="list-style-type: none"> Ideal gasses <p>Module 6</p> <ul style="list-style-type: none"> Electric fields 	<p>Mock exams</p> <p>Module 1 PAG 11.3 Determining the magnetic field of a magnet PAG 10.1 – Simple harmonic motion</p> <p>Module 5</p> <ul style="list-style-type: none"> Circular motion Oscillations <p>Module 6</p> <ul style="list-style-type: none"> Magnetic fields 	<p>Module 1 PAG 7.1 – Observing radioactive decay</p> <p>Module 5</p> <ul style="list-style-type: none"> Gravitational fields Stars <p>Module 6</p> <ul style="list-style-type: none"> Nuclear physics 	<p>Mock exams</p> <p>Module 5</p> <ul style="list-style-type: none"> Cosmology <p>Module 6</p> <ul style="list-style-type: none"> Medical Imaging 	<p>Revision, consolidation and exam preparation</p>	<p>External A Level Exams</p>