



<h2>Year 11: Combined Physics</h2>	<p><b>Curriculum Intent:</b> in year 11 combined science Physics, the aim is to consolidate students' knowledge from year 7-10, with more focus on the application of this knowledge. Exam skills will be taught alongside recapping the knowledge the students have developed in the following topics:</p> <ul style="list-style-type: none"> <li>- Forces and motion</li> <li>- Electricity and Magnetism</li> <li>- Energy</li> <li>- Global Challenges</li> </ul>				
	<b>Autumn 1</b>	<b>Autumn 2</b>	<b>Spring 1</b>	<b>Spring 2</b>	<b>Summer 1</b>
<p><b>Key ideas and sequence of learning</b></p>	<p>The following topics will be revisited:</p> <p><b>Module P2 - forces</b></p> <ul style="list-style-type: none"> <li>• Vectors and scalars</li> <li>• Motion graphs</li> <li>• Newton's laws</li> <li>• Momentum</li> <li>• Stretching springs</li> </ul> <p><b>Module P3 – electricity &amp; magnetism</b></p> <ul style="list-style-type: none"> <li>• Static and charge</li> <li>• Simple circuits</li> <li>• Magnets and magnetic fields</li> <li>• Motors</li> </ul>	<p>The following topics will be revisited:</p> <p><b>Module P5 - energy</b></p> <ul style="list-style-type: none"> <li>• Energy stores, work done and energy analysis.</li> </ul> <p><b>Module P6- Global challenges</b></p> <ul style="list-style-type: none"> <li>• Stopping distances</li> <li>• Energy sources</li> <li>• Electricity and the national grid</li> </ul> <p>Students sit their PPE exams</p>	<p>Revision and consolidation</p> <p>Students will review their PPE exam papers in detail to identify strengths and weaknesses</p> <p>Students will then prepare for their GCSE exams in lessons with their teacher.</p> <p>They will also have intervention sessions where they revise key practical skills</p>	<p>Revision and consolidation</p> <p>Students will then prepare for their GCSE exams in lessons with their teacher.</p> <p>Students begin their GCSE exams</p>	<p>Students finish their GCSE exams</p>
<p><b>Key Questions</b></p>	<p>All questions will be covered from years 7-10 topics</p>				
<p><b>Vocabulary</b></p>	<p>All vocabulary will be covered from years 7-10 topics</p>				
<p><b>Practical Skills</b></p>	<p>N/A</p>		<p>See above</p>		