









Curriculum Overview for Physics

Year 11

<p>Half Term 1: revision for paper 1</p> <p>Substantive knowledge:</p> <ul style="list-style-type: none"> • Energy stores and transfers • Efficiency • Circuits • Current, voltage and resistance • National grid and transformers • States of matter and changing state • Specific latent heat and heat capacity • Density • The atom and isotopes • Radioactivity • Ionising radiation • Dangers of radiation • (triple only) Fission and fusion <p>Disciplinary knowledge</p> <ul style="list-style-type: none"> • Calculation • Practical methods • Extended writing 		<p>Decoding of key terminology Skim reading Etymology of key terms</p>
		
		<p>Recall tests Review sheet End of unit test</p>
		<p>Review sheet Memorising revisions cards and preparing revision cards for every lesson</p>
<p>Half Term 2: revision for paper 2</p> <p>Substantive knowledge:</p> <ul style="list-style-type: none"> • Vectors and scalars • Distance time graphs and velocity time graphs • Newtons laws • (H) momentum • Wave features • Wave speed core practicals • Refraction • (T) lenses and colour • Magnetism • Electromagnetism • Motors and generators. <p>Disciplinary knowledge</p> <ul style="list-style-type: none"> • Calculation • Practical methods • Extended writing 		<p>Decoding of key terminology Skim reading Etymology of key terms</p>
		
		<p>Recall tests Review sheet End of unit test</p>
		<p>Review sheet Memorising revisions cards and preparing revision cards for every lesson</p>