

# HT4 Year 11 GCSE Combined Physics Foundation

Week	Lesson Coverage	Resources	GCSE Pod links
<b>1.</b> <b>w/c 21<sup>st</sup></b> <b>February</b>	<u>Current, potential difference and resistance</u> Standard circuit diagram symbols Electrical charge and current Current, resistance and potential difference Resistors	CGP GCSE Combined Revision Guide: p180 – 192.  All electricity topics <a href="http://thenational.academy">Unit - Oak National Academy (thenational.academy)</a>  <a href="#">Electricity - GCSE Combined Science Revision - AQA</a> <a href="#">Trilogy - BBC Bitesize</a>	<a href="https://members.gcsepod.com/pupils/assignments/assignment/972572">https://members.gcsepod.com/pupils/assignments/assignment/972572</a>
<b>2.</b> <b>w/c 28<sup>th</sup></b> <b>February</b>	<i>Option Subject Drop Down Week</i> <i>No EN/MA/SC lesson Monday to Thursday this week.</i> <i>Option subjects have 6 Lesson Block</i>		
<b>3.</b> <b>w/c 7<sup>th</sup></b> <b>March</b>	<u>National and global energy resources</u> Fossil Fuels Wind, Solar and Geothermal Hydro-electricity, Waves and Tides Biofuels and Non-renewables	CGP Combined Science Foundation Revision Guide p175 – 179  <a href="http://thenational.academy">Renewable energy resources (thenational.academy)</a>  <a href="#">National and global energy demands and resources - Energy demands - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</a>	<a href="https://members.gcsepod.com/pupils/assignments/assignment/972583">https://members.gcsepod.com/pupils/assignments/assignment/972583</a>

<p><b>4.</b> <b>w/c 14<sup>th</sup></b> <b>March</b></p>	<p><u>Energy changes in a system, and the ways energy is stored before and after such changes.</u></p> <p>Energy stores and systems</p> <p>Changes in energy</p> <p>Energy changes in systems</p> <p>Power</p>	<p>CGP Combined Foundation Revision Guide p 167 – 179</p> <p>Oak Academy: <a href="#">Unit - Oak National Academy (thenational.academy)</a></p> <p>BBC Bitesize: <a href="#">Types of energy store - Changes in energy stores - AQA - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</a></p>	<p><a href="https://members.gcsepod.com/pupils/assignments/assignment/974215">https://members.gcsepod.com/pupils/assignments/assignment/974215</a></p>
<p><b>5.</b> <b>w/c 21<sup>st</sup></b> <b>March</b></p>	<p>Changes of state and the particle model</p> <p>Density of materials</p> <p>Changes of state</p>	<p>CGP Combined Foundation Revision Guide p193, 194</p> <p>Oak National College Links: <a href="#">Unit - Oak National Academy (thenational.academy)</a></p> <p><a href="#">Particle model of matter - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</a></p>	<p><a href="https://members.gcsepod.com/pupils/assignments/assignment/974219">https://members.gcsepod.com/pupils/assignments/assignment/974219</a></p>
<p><b>6.</b> <b>w/c 28<sup>th</sup></b> <b>March</b></p>	<p>Atoms and nuclear radiation</p> <p>Radioactive decay and nuclear radiation</p> <p>Nuclear equations</p> <p>Half-lives and the random nature of radioactive decay</p> <p>Radioactive contamination</p>	<p>CGP Combined Foundation Revision Guide p197 – 202</p> <p>Lesson 4 onwards: <a href="#">Unit - Oak National Academy (thenational.academy)</a></p> <p><a href="#">Atomic structure - GCSE Combined Science Revision - AQA Trilogy - BBC Bitesize</a></p>	<p><a href="https://members.gcsepod.com/pupils/assignments/assignment/974226">https://members.gcsepod.com/pupils/assignments/assignment/974226</a></p>