

## HT4 Year 11 – Foundation Combined Chemistry

Week	Lesson Coverage	Homework	GCSE Pod links
<b>1.</b> <b>w/c 21<sup>st</sup></b> <b>February</b>	<b>The Periodic Table</b> Periodic table Development of the periodic table Metals and non-metals Group 0 Group 1	Revision guide – 108-111 Links to support independent revision: <a href="https://www.bbc.co.uk/bitesize/guides/zwt2k2p/revision/1">https://www.bbc.co.uk/bitesize/guides/zwt2k2p/revision/1</a> <a href="https://www.bbc.co.uk/bitesize/guides/ztrxdxs/revision/1">https://www.bbc.co.uk/bitesize/guides/ztrxdxs/revision/1</a> Practice questions: <a href="https://www.bbc.co.uk/bitesize/guides/ztrxdxs/test">https://www.bbc.co.uk/bitesize/guides/ztrxdxs/test</a>	The Periodic Table <a href="https://members.gcsepod.com/shared/podcasts/title/10953/66697">https://members.gcsepod.com/shared/podcasts/title/10953/66697</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>	<b>C2 Bonding, Structure and properties of matter</b> Ionic, metallic and Covalent bonding States of matter and state symbols Properties of ionic compounds and covalent structures Metals and alloys Metals as conductors	Revision guide – 114 - 112 Links to support independent revision: <a href="https://www.bbc.co.uk/bitesize/topics/z33rrwx">https://www.bbc.co.uk/bitesize/topics/z33rrwx</a> Practice questions: <a href="https://www.bbc.co.uk/bitesize/guides/z99pmsg/revision/1">https://www.bbc.co.uk/bitesize/guides/z99pmsg/revision/1</a>	Structure and bonding: <a href="https://members.gcsepod.com/shared/podcasts/title/10854/66851">https://members.gcsepod.com/shared/podcasts/title/10854/66851</a> <a href="https://members.gcsepod.com/shared/podcasts/title/10852/66755">https://members.gcsepod.com/shared/podcasts/title/10852/66755</a>

<p><b>4.</b> w/c 14<sup>th</sup> March</p>	<p><b>Structure and Bonding of Carbon</b> Diamond Graphite Graphene and Fullerenes</p>	<p>Giant covalent structures <a href="https://www.bbc.co.uk/bitesize/guides/zgq8b82/revision/1">https://www.bbc.co.uk/bitesize/guides/zgq8b82/revision/1</a></p>	<p>Structure of carbon <a href="https://members.gcsepod.com/shared/podcasts/title/10956/66768">https://members.gcsepod.com/shared/podcasts/title/10956/66768</a></p>
<p><b>5.</b> w/c 21<sup>st</sup> March</p>	<p><b>Reactivity of metals</b> Metal oxides Reactivity Series Oxidation and reduction  <b>Reaction of acids</b> Acids with metals Neutralisation Soluble Salts pH and neutralisation</p>	<p>Links to support independent revision: <a href="https://www.bbc.co.uk/bitesize/guides/zy7dgd/revision/1">https://www.bbc.co.uk/bitesize/guides/zy7dgd/revision/1</a> <a href="https://www.bbc.co.uk/bitesize/guides/ztv2dxs/revision/1">https://www.bbc.co.uk/bitesize/guides/ztv2dxs/revision/1</a> Practice questions: <a href="https://www.bbc.co.uk/bitesize/guides/zy7dgd/test">https://www.bbc.co.uk/bitesize/guides/zy7dgd/test</a> <a href="https://www.bbc.co.uk/bitesize/guides/ztv2dxs/test">https://www.bbc.co.uk/bitesize/guides/ztv2dxs/test</a></p>	<p>Reactivity of metals <a href="https://members.gcsepod.com/shared/podcasts/title/10959/66720">https://members.gcsepod.com/shared/podcasts/title/10959/66720</a> Reactions of acids <a href="https://members.gcsepod.com/shared/podcasts/title/10960/66810">https://members.gcsepod.com/shared/podcasts/title/10960/66810</a></p>
<p><b>6.</b> w/c 28<sup>th</sup> March</p>	<p><b>Reactivity of metals</b> Electrolysis and Required Practical 9</p>	<p>Links to support independent revision: <a href="https://www.bbc.co.uk/bitesize/guides/z9h9v9q/revision/1">https://www.bbc.co.uk/bitesize/guides/z9h9v9q/revision/1</a> Practice questions: <a href="https://www.bbc.co.uk/bitesize/guides/z9h9v9q/test">https://www.bbc.co.uk/bitesize/guides/z9h9v9q/test</a> <a href="https://www.bbc.co.uk/bitesize/guides/z22gfcw/revision/1">https://www.bbc.co.uk/bitesize/guides/z22gfcw/revision/1</a></p>	<p>Reactivity of metals <a href="https://members.gcsepod.com/shared/podcasts/title/10961/66804">https://members.gcsepod.com/shared/podcasts/title/10961/66804</a></p>