

HT4 Year 11 – Higher Combined Chemistry

Week	Lesson Coverage	Homework	GCSE Pod links
1. w/c 21st February	C2 Bonding, Structure and properties of matter 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: https://www.bbc.co.uk/bitesize/topics/z33rrwx Practice questions: https://www.bbc.co.uk/bitesize/guides/z99pmsg/revision/1	Structure and bonding: https://members.gcsepod.com/shared/podcasts/title/10854/66851 https://members.gcsepod.com/shared/podcasts/title/10852/66755
2. w/c 28th February	<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>		
3. w/c 7th March	C3 Quantitative Chemistry Moles Amount of substance in equations Using moles to balance equations	Links to support independent revision: https://www.bbc.co.uk/bitesize/guides/zysk7ty/revision/1 Practice questions: https://www.bbc.co.uk/bitesize/guides/zysk7ty/test	Moles https://members.gcsepod.com/shared/podcasts/title/11854/73294

<p>4. w/c 14th March</p>	<p>Reactivity of metals Metal oxides Reactivity Series Oxidation and reduction</p> <p>Reaction of acids Acids with metals Neutralisation Soluble Salts pH and neutralisation</p>	<p>Links to support independent revision: https://www.bbc.co.uk/bitesize/guides/zy7dgd/revision/1 https://www.bbc.co.uk/bitesize/guides/ztv2dxs/revision/1</p> <p>Practice questions: https://www.bbc.co.uk/bitesize/guides/zy7dgd/test https://www.bbc.co.uk/bitesize/guides/ztv2dxs/test</p>	<p>Reactivity of metals https://members.gcsepod.com/shared/podcasts/title/10959/66720</p> <p>Reactions of acids https://members.gcsepod.com/shared/podcasts/title/10960/66810</p>
<p>5. w/c 21st March</p>	<p>Reactivity of metals Electrolysis and Required Practical 9</p>	<p>Links to support independent revision: https://www.bbc.co.uk/bitesize/guides/z9h9v9q/revision/1</p> <p>Practice questions: https://www.bbc.co.uk/bitesize/guides/z9h9v9q/test https://www.bbc.co.uk/bitesize/guides/z22gfcw/revision/1</p>	<p>Reactivity of metals https://members.gcsepod.com/shared/podcasts/title/10961/66804</p>
<p>6. w/c 28th March</p>	<p>Energy Changes Exothermic and endothermic reactions</p>	<p>Links to support independent revision: https://www.bbc.co.uk/bitesize/guides/z2b2k2p/revision/1</p> <p>Practice questions: https://www.bbc.co.uk/bitesize/guides/z2b2k2p/test https://www.bbc.co.uk/bitesize/guides/zxxcv9q/revision/1</p>	<p>Endothermic and exothermic reactions https://members.gcsepod.com/shared/podcasts/title/10962/66790</p>