

Half-term One September – October 2020

Year 10 Chemistry – Bonding and Calculations

Lesson	Instructions	Resources	Curriculum
1	<u>Looking at Ions</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 1</u> <u>Oak Academy Lesson</u> <u>Ionic Bonding</u> <u>Introduction</u>	Bonding and Calculations
2	<u>Forming Ionic Bonds</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 2</u> <u>Oak Academy Lesson</u> <u>Further Ionic Bonding</u>	Bonding and Calculations
3	<u>Ionic Formulae</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 3</u> <u>Oak Academy Lesson</u> <u>Further Ionic Bonding</u>	Bonding and Calculations
4	<u>Properties of Ionic Compounds</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 4</u> <u>Oak Academy Lesson</u> <u>Properties of Ionic Compounds</u>	Bonding and Calculations
5	<u>Simple Covalent Compounds</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 5</u> <u>Oak Academy lesson</u> <u>Covalent Bonding</u> <u>https://Oak Academy Lesson Simple Covalent Molecules</u>	Bonding and Calculations
6	<u>Giant Covalent Molecules</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 6</u>	Bonding and Calculations

		<u>Oak Academy Lesson Giant Covalent Structures</u>	
7	<u>Properties of metals</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 7</u>	Bonding and Calculations
8	<u>Relative Masses</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 8</u> <u>https://Oak Academy Lesson Relative Formula Mass</u>	Bonding and Calculations
9	<u>Types of Formulae</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 9</u>	Bonding and Calculations
10	<u>Conservation of Mass</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 10</u> <u>Oak Academy Lesson Concentration</u>	Bonding and Calculations
11	<u>The Mole – Higher Tier Only</u> Work through the tasks from the pages in your booklet	<u>Booklet Lesson 11</u> <u>https://Oak Academy Lesson Moles</u>	Bonding and Calculations

Please email any queries and completed work to your Chemistry teacher.

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