

## Stage 1 Chemistry: Semester One Overview 2018

TEACHER: Samantha Blackmore – 2018

Weeks	Topic	Assessment Task
1 – 5	<u>Materials and their atoms</u> <ul style="list-style-type: none"><li>• Properties and uses of materials</li><li>• Atomic Structure</li><li>• Quantities of atoms</li><li>• Periodic Table</li></ul>	<b>Summative Investigation 1 - Practical Design (25%):</b> <i>Effect of increasing temperature on the cleaning ability of a Solid Oxygen Bleach.</i> <b>Part A:</b> <i>Deconstruct problem and design investigation.</i> <b>Part B:</b> <i>Carry out procedure and record results.</i> <b>Part C:</b> <i>Analyse data and write practical report.</i>
6 – 11	<u>Combining atoms</u> <ul style="list-style-type: none"><li>• Types of materials</li><li>• Bonding between atoms</li><li>• Quantities of molecules and ions</li></ul>	<b>Summative Investigation 2 - SHE Investigation (25%):</b> <i>Mining of a Metal</i> <b>Summative SAT 1: Classification of substances into structure types (25%)</b>
1 – 7	<u>Molecules</u> <ul style="list-style-type: none"><li>• Molecule polarity</li><li>• Interactions between molecules</li><li>• Quantities in reactions</li><li>• Hydrocarbons</li></ul>	<b>Summative SAT 2: Test topics 1, 2 and 3 (25%)</b>
8	<b>REVISION</b>	
9	<b>EXAM</b>	