

|                     |   |   |
|---------------------|---|---|
| <b>S3 Chemistry</b> | Chemical Changes & Structure – Bonding & Formula                        | <ul style="list-style-type: none"> <li>• Naming compounds</li> <li>• Writing formulae</li> <li>• Relative Formula Mass</li> <li>• Chemical equations</li> <li>• Ionic and Covalent bonding</li> <li>• Energy changes</li> </ul>   |
|                     | Chemical Changes & Structure – Acids & Bases                            | <ul style="list-style-type: none"> <li>• Solutions and the pH scale</li> <li>• Acids and bases</li> <li>• Making acids and alkalis</li> <li>• Acids rain</li> <li>• Neutralisation reactions</li> </ul>   |
| <b>S4 Chemistry</b> | <b>National 5</b><br>Chemical Changes & Structure – Bonding & Formula   | <ul style="list-style-type: none"> <li>• Elements and compounds</li> <li>• Writing formulae</li> <li>• Percentage composition</li> <li>• Bonding and structure</li> <li>• Properties of substance</li> <li>• Solutions and concentration</li> <li>• Balancing chemical equations</li> </ul> |
|                     | <b>National 5</b><br>Chemical Changes & Structure – Acids & Bases       | <ul style="list-style-type: none"> <li>• The pH scale</li> <li>• Formulae of acids and alkalis</li> <li>• Neutralisation reactions</li> <li>• Ionic equations</li> <li>• Precipitation reactions</li> <li>• Solutions and concentration</li> <li>• Titrations</li> </ul>                    |
|                     | <b>National 3/4</b><br>Chemical Changes & Structure – Bonding & Formula | <ul style="list-style-type: none"> <li>• Naming compounds</li> <li>• Writing formulae</li> <li>• Relative Formula Mass</li> <li>• Chemical equations</li> <li>• Ionic and Covalent bonding</li> <li>• Energy changes</li> </ul>   |
|                     | <b>National 3/4</b><br>Chemical Changes & Structure – Acids & Bases     | <ul style="list-style-type: none"> <li>• Solutions and the pH scale</li> <li>• Acids and bases</li> <li>• Making acids and alkalis</li> <li>• Acid rain</li> <li>• Neutralisation reactions</li> </ul>  |