



## Westbourne House School Revision – Easter Term

### Y8 CHEMISTRY REVISION CHECKLIST

#### Equipment you will need for the exam:

- Fountain pen and spare cartridges
- Ruler (15cm and 30cm)
- Pencil
- Eraser and pencil sharpener
- Calculator

TOPIC / PAPER	WHAT TO REVISE	DONE?
Solids, Liquids and Gases	<ul style="list-style-type: none"><li>• Arrangement of particles</li><li>• Behaviour of particles</li><li>• Changes of state</li><li>• Expansion</li></ul>	
Elements, Compounds and Mixtures	<ul style="list-style-type: none"><li>• What is an atom, molecule, compound, mixtures</li><li>• Selected symbols</li><li>• Properties of metals and non-metals</li><li>• Methods of separation</li></ul>	
Solubility	<ul style="list-style-type: none"><li>• The meaning of:<ul style="list-style-type: none"><li>○ Solution</li><li>○ Solvent</li><li>○ Solute</li><li>○ Soluble</li><li>○ Insoluble</li><li>○ Dissolving</li></ul></li></ul>	
Burning Fossil Fuels	<ul style="list-style-type: none"><li>• Greenhouse effect</li><li>• Acid rain</li><li>• Products of combustion</li><li>• Test for oxygen, carbon dioxide and water</li></ul>	
Reactions of metals	<ul style="list-style-type: none"><li>• Rusting</li><li>• Metals and oxygen</li><li>• Metals and water</li><li>• Metals and acid</li><li>• Displacement reactions</li><li>• Redox reactions</li></ul>	
Acids and Alkalis	<ul style="list-style-type: none"><li>• Indicators</li></ul>	

	<ul style="list-style-type: none"> <li>• The pH scale</li> <li>• Neutralisation</li> <li>• Acids and carbonates</li> </ul>	
Thermal Decomposition	<ul style="list-style-type: none"> <li>• Reactions involving heat and: <ul style="list-style-type: none"> <li>○ Hydrated copper sulphate</li> <li>○ Copper carbonate</li> <li>○ Potassium permanganate</li> <li>○ Limestone</li> </ul> </li> </ul>	
<b>NOTES/TIPS:</b>		
<ul style="list-style-type: none"> <li>• You are preparing for a CE/Scholarship paper</li> <li>• You need to review the whole syllabus as covered in your Chemistry exercise books from Y6-8 and ISEB Revision Guide</li> <li>• Make use of the example questions provided in the revision book.</li> <li>• Learn the formulas for calculations with the relevant units.</li> <li>• For any further information or guidance about revision or the actual exam, please contact Mrs Jane Edwards (jedwards@westbournehouse.org)</li> </ul>		