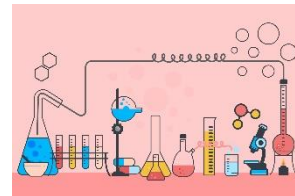


**Year 11 GCSE Double Award Chemistry Foundation Tier Revision  
Checklist**



<b>SUBJECT</b>	<b>Double Award Chemistry - Foundation Tier</b>
<b>Examination Unit Title</b>	DAS Chemistry Unit 1
<b>Examination Board</b>	CCEA
<b>Examination Date</b>	Monday 22 <sup>nd</sup> May 2023 (AM)
<b>Examination Length</b>	1 hour
<b>Marks available</b>	60
<b>What learners need to know</b> <b>Topics to revise</b> <b>Advance Information from CCEA</b>	<ol style="list-style-type: none"> <li>1. Atomic Structure Structure of the atom • Relative charges and approximate relative masses of subatomic particles • Atoms having no electrical charge • Number of protons, neutrons and electrons in atoms and ions and charge on an ion • Electronic configuration of atoms and ions</li> <li>2. Bonding Ionic bonding • Covalent bonding</li> <li>3. Structures Ionic structures • Molecular covalent structures</li> <li>4. Symbols, formulae and equations Chemical formulae of compounds • Balanced symbol equations</li> <li>5. Periodic table Groups and periods • Groups 1, 2, 7 and 0 and group names • Colour, physical state, diatomicity and toxicity of Group 7 elements • Reactivity down Group 7 • Transition metals</li> <li>6. Quantitative chemistry • Relative formula mass (Mr) and percentage of an element by mass in a compound • Mass to amount in moles (and vice versa)</li> <li>7. Acids, bases and salts Ions in acids and alkalis • Reactions of acids • Colour of salts</li> <li>8. Chemical analysis Pure substances • Melting and boiling point of pure substances and mixtures • The terms: soluble, insoluble, solute, solvent, solution, residue, filtrate, distillate, miscible, immiscible, evaporation and condensation</li> </ol>
<b>Specification</b>	<a href="https://ccea.org.uk/downloads/docs/Specifications/GCSE/GCSE%20Science%20Double%20Award%20%282017%29/GCSE%20Science%20Double%20Award%20%282017%29-specification-Standard.pdf">https://ccea.org.uk/downloads/docs/Specifications/GCSE/GCSE%20Science%20Double%20Award%20%282017%29/GCSE%20Science%20Double%20Award%20%282017%29-specification-Standard.pdf</a>
<b>Departmental Resources to support revision</b>	<ul style="list-style-type: none"> <li>- Topic Booklets and past paper questions</li> <li>- Specification</li> <li>- A3 mind maps/ revision sheets</li> <li>- Past papers</li> <li>- Fact files</li> </ul>

<b><u>External websites to support revision</u></b>	Advance Information <a href="https://ccea.org.uk/downloads/docs/Specifications/GCSE/GCSE%20Science%20Double%20Award%20%282017%29/GCSE%20Science%20Double%20Award%20%282017%29-advance-information-2023.pdf">https://ccea.org.uk/downloads/docs/Specifications/GCSE/GCSE%20Science%20Double%20Award%20%282017%29/GCSE%20Science%20Double%20Award%20%282017%29-advance-information-2023.pdf</a>  Fact Files <a href="https://ccea.org.uk/key-stage-4/gcse/subjects/gcse-science-double-award-2017/support">https://ccea.org.uk/key-stage-4/gcse/subjects/gcse-science-double-award-2017/support</a>
<b><u>Past Paper Questions and Mark Schemes</u></b>	<a href="https://ccea.org.uk/key-stage-4/gcse/subjects/gcse-science-double-award-2017/past-papers-mark-schemes">https://ccea.org.uk/key-stage-4/gcse/subjects/gcse-science-double-award-2017/past-papers-mark-schemes</a>