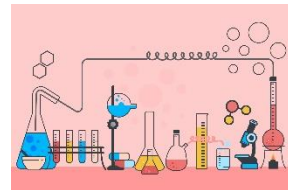


Year 11 GCSE Double Award Chemistry- Higher Tier Revision Checklist



SUBJECT	Double Award Chemistry - Higher Tier
Examination Unit Title	DAS Chemistry Unit 1
Examination Board	CCEA
Examination Date	Monday 22 nd May 2023 (AM)
Examination Length	1 hour
Marks available	70
<p>What learners need to know</p> <p>Topics to revise</p> <p>Advance Information from CCEA</p>	<ol style="list-style-type: none"> 1. Atomic Structure 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 • Relative atomic mass from mass number and abundance of isotopes 2. Bonding Ionic bonding • Covalent bonding • Metallic bonding 3. Structures Ionic structures • Molecular covalent structures • Alloys 4. Symbols, formulae and equations Chemical formulae of compounds • Balanced symbol equations • Ionic equations • Half equations 5. Periodic table Groups and periods • Solids, liquids and gases in the Periodic Table • Groups 1, 2, 7 and 0 and group names • Colour, physical state, diatomicity and toxicity of Group 7 elements • Displacement reactions of Group 7 • Half equations • Transition metals 6. Quantitative chemistry Relative formula mass (M_r) and percentage of an element by mass in a compound • Reacting mass calculations • Percentage yield 7. Acids, bases and salts • Ions in acids and alkalis and neutralisation • Reactions of acids • Colour of salts 8. Chemical analysis Pure substances • Melting and boiling point of pure substances and mixtures • Formulations • Test for water
Specification	https://ceea.org.uk/downloads/docs/Specifications/GCSE/GCSE%20Science%20Double%20Award%20%282017%29/GCSE%20Science%20Double%20Award%20%282017%29-specification-Standard.pdf
Departmental Resources to support revision	<ul style="list-style-type: none"> - Topic Booklets and past paper questions - Specification - A3 mind maps/ revision sheets - Past papers - Fact files

<u>External websites to support revision</u>	Advance Information 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 Fact Files https://ccea.org.uk/key-stage-4/gcse/subjects/gcse-science-double-award-2017/support
<u>Past Paper Questions and Mark Schemes</u>	https://ccea.org.uk/key-stage-4/gcse/subjects/gcse-science-double-award-2017/past-papers-mark-schemes