

Chemistry GCSE:

AQA Syllabi, Chemistry and Trilogy

Chemistry- Broad outline, Triple and Combined Science Groups

<http://filestore.aqa.org.uk/resources/chemistry/specifications/AQA-8462-SP-2016.PDF>

<https://filestore.aqa.org.uk/resources/science/specifications/AQA-8464-SP-2016.PDF>

		Chemistry schedule
Terms	Topic	
Year 9	1	Atomic structure, including a one-lesson introduction to moles and RFM
	1	The periodic table, its development and the modern arrangement, only superficially to include 1.2.3 to 1.2.6 and 1.3
	2	Bonding, structure and the properties of matter
	4	Chemical changes, excluding titrations, half equations for redox reactions, neutralisation ionic equation, formulae of salts, strong/weak acids, the pH scale in terms of hydrogen ion concentration and electrolysis
	6	The rate and extent of chemical change, with a brief introduction to reversible reactions and no mention of dynamic equilibria, etc.
	9	Chemistry of the atmosphere
Year 10	1	The periodic table reprise, 1.2.3 to 1.2.6 and 1.3 in depth
	3	Quantitative chemistry
	4	Chemical changes reprise: titrations, half equations for redox reactions, neutralisation ionic equation, formulae of salts, strong/weak acids, the pH scale in terms of hydrogen ion concentration and electrolysis
	5	Energy changes
	6	The extent of chemical change reprise: reversible reactions and dynamic equilibria
	7	Organic chemistry
Year 11	8	Chemical analysis
	10	Using Resources

Chemistry A Level:

Eduqas WJEC A Level

<https://www.eduqas.co.uk/qualifications/chemistry/as-a-level/>

Lower Sixth

Core Ideas, Principles and Concepts

Topic C1 The language of chemistry and structure of matter

Topic C2 Chemical change

Topic C3 Chemistry of carbon compounds

Upper Sixth

Physical and Inorganic Chemistry

Topic P11 Electrochemistry

Topic P12 More complex patterns of the Periodic Table

Topic P13 Chemical kinetics

Topic P14 Energy changes

Topic P15 Equilibria

Organic Chemistry and Analysis

Topic OA1 Higher concepts in organic chemistry

Topic OA2 Organic compounds containing oxygen

Topic OA3 Organic compounds containing nitrogen

Topic OA4 Organic synthesis and analysis