



Revision Schedule 2026

Year 11 October Mock Revision Schedule 2026

Subject/Course:	AQA GCSE Combined Chemistry
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[Educake for secondary students - YouTube](#)

Topic	Key knowledge/skills/questions	R	A	G	Revised	Resources/activities/links
5.1 Atomic structure and the periodic table	Atoms, elements, compounds and mixtures					GCSE Chemistry - Compounds, Molecules & Mixtures (2026/27 exams)
	Relative electrical charges of subatomic particles					Atoms & Ions Protons, Neutrons, Electrons
	Size and mass of atoms					
	Electronic structure					GCSE Chemistry - Electronic Structure (2026/27 exams)
	The periodic table					GCSE Chemistry - Development of the Periodic Table (2026/27 exams)
	Metals and non-metals					
	Group 0					
	Group 1					GCSE Chemistry - Group 1 Elements - Alkali Metals Properties Reactivity (2026/27 exams)
	Group 7					GCSE Chemistry - Group 7 & Group 0 Elements - Halogens & Noble Gases Properties Trends
5.2 Bonding, structure, and the properties of matter	Ionic bonding					GCSE Chemistry - Ionic Bonding - Formation Dot and Cross Diagrams (2026/27 exams)
	Properties of ionic compounds					GCSE Chemistry - Ionic Compounds - Structure Properties Formula (2026/27 exams)
	Covalent bonding					GCSE Chemistry - Covalent Bonding - Formation Drawing Covalent Bonds (2026/27 exams)
	Properties of small molecules					GCSE Chemistry - Types of Covalent Structures: Simple Molecular & Giant Covalent Structures - YouTube
	Giant covalent structures					
	Diamond & Graphite					GCSE Chemistry - Diamond & Graphite - Structure Properties (2026/27 exams)

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	Graphene and fullerenes					GCSE Chemistry - Graphene & Fullerenes - Structure Properties Uses (2026/27 exams)
	Metallic bonding					GCSE Chemistry - Metallic Bonding - Properties of Metals Alloys & Pure Metals (2026/27 exams)
	Properties of metals and alloys					
5.3 Quantitative chemistry	Conservation of mass and balanced chemical equations					GCSE Chemistry - Balancing Equations Writing Word & Symbol Equations (2026/27 exams)
	The three states of matter & state symbols					GCSE Chemistry - State Symbols & Predicting States of Matter
5.4 Chemical changes	Metal oxides					
	The reactivity series					GCSE Chemistry - The Reactivity Series - Metal Reactions Displacement Reactions (2026/27 exams)
	Extraction of metals and reduction					GCSE Chemistry - Separating Metals from Metal Oxides Extraction of Metals & Reduction
	Neutralisation of acids and salt production					
	The pH scale and neutralisation					
	Strong and weak acids (HT only)					
5.7 Organic chemistry	Crude oil, hydrocarbons and alkanes					GCSE Chemistry - What is a Hydrocarbon? What are Alkanes? Hydrocarbons and Alkanes Explained #43 - YouTube
	Fractional distillation and petrochemicals					GCSE Chemistry - Crude Oil and Fractional Distillation #45 - YouTube
	Properties of hydrocarbons					
	Cracking and alkenes					GCSE Chemistry - Cracking Crude Oil & Alkenes - YouTube
5.8 Chemical analysis	Pure substances					GCSE Chemistry - Purity & Formulations (2026/27 exams)
	Formulations					
	Chromatography					GCSE Chemistry - Paper Chromatography
	Test for hydrogen					
5.9 Chemistry of the atmosphere	The proportions of different gases in the atmosphere					GCSE Chemistry - Evolution of the Atmosphere How the Atmosphere Changed Over Time (2026/27 exams)
	The Earth's early atmosphere					

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	How oxygen increased					
	How carbon dioxide decreased					
	Greenhouse gases					
	Human activities which contribute to an increase in greenhouse gases					GCSE Chemistry - Greenhouse Gases & Climate Change (2026/27 exams)
	Global climate change					

For most topics, revision resources can be found by using the following: Cognito videos (some are linked in doc), Free Science lessons videos, Educake quizzes, Oak Academy lessons, Physics & Maths tutor past paper questions etc

[Key Stage 4 Combined science exam boards | Oak National Academy](#)

[Curriculum - Curriculum \(continuityoak.org.uk\)](#)