

Revision Schedule 2026

Year 11 October Mock Revision Schedule 2026

Subject/Course:	AQA GCSE Triple 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					GCSE Chemistry - Group 7 & Group 0 Elements - Halogens & Noble Gases Properties Trends
	Group 1					GCSE Chemistry - Group 1 Elements - Alkali Metals Properties Reactivity (2026/27 exams)
	Group 7					
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					

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	Diamond & Graphite					GCSE Chemistry - Diamond & Graphite - Structure Properties (2026/27 exams)
	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					
	Uses and sizes of nanoparticles (chemistry only)					GCSE Chemistry - Nanoparticles - Uses Risks (2026/27 exams)
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
	Relative formula mass					
	Mass changes when a reactant or product is a gas					
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
	Reactions of acids with metals					
	Neutralisation of acids and salt production					
	Soluble salts					
	The pH scale and neutralisation					
	Strong and weak acids					
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					

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	Cracking and alkenes					GCSE Chemistry - Cracking Crude Oil & Alkenes - YouTube
	Structure and formulae of alkenes (chemistry only)					
	Reactions of alkenes (chemistry only)					GCSE Chemistry - Addition Reactions of Alkenes
	Alcohols (chemistry only)					GCSE Chemistry - Alcohols
	Carboxylic acids and esters (chemistry only)					GCSE Chemistry - Carboxylic Acids (2026/27 exams)
	Addition polymerisation (chemistry only)					GCSE Chemistry - Addition Polymers & Polymerisation (2026/27 exams)
	Condensation polymerisation (chemistry only)					GCSE Chemistry - Condensation Polymers (Polyesters) (2026/27 exams)
	Amino acids (chemistry only)					GCSE Chemistry - Naturally Occurring Polymers - Polypeptides, DNA, and Carbohydrates (2026/27 exams)
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					
	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



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

[Curriculum - Curriculum \(continuityoak.org.uk\)](https://continuityoak.org.uk)