

KS4 – Year 11 – Chemistry GCSE

Term	Topic Titles	Brief Overview
1	C7 - Organic chemistry	Students learn the structure, properties, and reactions of carbon-based compounds, including hydrocarbons, alcohols, carboxylic acids, and polymers.
	C8 - Chemical analysis	Students learn methods and techniques used to identify and quantify substances, including chromatography, spectroscopy, and chemical tests, to determine composition and purity in various applications.
2	C9 - Chemistry of the atmosphere	Students learn the composition of the Earth's atmosphere, the greenhouse effect, pollution, and the impact of human activities on atmospheric chemistry and climate change.
	C10 - Using resources	Students learn the extraction of metals, the properties and uses of metals and alloys, and the environmental and economic considerations of resource management and recycling.
3	Revision and consolidation	In the final few weeks before external exams start and during the first few weeks of the exams, students focus on structured revision activities.