

Chemistry: Curriculum Overview

Year Group	Autumn Term	Spring Term	Summer Term
9	Atomic structure and Bonding	Structure and Bonding The Periodic Table	The Periodic Table Chemistry of the Atmosphere
10	Chemical Calculations Chemical Changes	Electrolysis Energy Changes	Energy Changes Rates and Equilibrium
11	Organic Chemistry Chemical Analysis	Extraction and use of the Earth's Resources	
12	Calculations in Chemistry Structure and Bonding Periodicity Alkanes and Haloalkanes Energetics and Kinetics	Alkenes and Alcohols Equilibria and Redox Chemistry of group II and VII	Optical isomerism The Chemistry of Carbonyls
13	Thermodynamics and Kinetics Arenes, Amines, Biochemistry Gas Equilibria Electrochemistry Acids and Bases	Organic Synthesis Analysis Transition metals Periodicity	