

Chemistry – Foundation Tier

Topic	Paper	Content
	1 and 2	State symbols, balanced symbol equations, word equations.
C3	1 and 2	Atomic structure, electronic configuration and protons, neutrons and electrons.
C6A	1 and 2	Covalent bonding, dot and cross diagrams and chemical formula.
C7	1 and 2	Properties of metals
C13	2	Group 1 reactivity and group 7 and their properties.
C14	2	Rates of reactions and the factors that affect the rate of reaction.
C15	2	Exothermic and endothermic chemical reactions.
C17	2	Earth's atmosphere, the changes in Earth's atmosphere. Global climate change.

Chemistry – Higher Tier

Topic	Paper	Content
	1 and 2	Hazard symbols, state symbols, balanced symbol equations, word equations.
C3	1 and 2	Relative atomic mass, electronic configuration and structure of the atom.
C6	2	Covalent bonding, dot and cross diagrams. Properties of small and large covalent structures.
C13	2	Group 1, group 7 and their hazards.
C14	2	Rates of reactions, factors that affect the rate of reactions.
C15	2	Exothermic and endothermic, energy level diagrams and bond energy calculations.
C16	2	Fractional distillation, crude oil and combustion.
C17	2	Earth's atmosphere, impurities in fossil fuels.