



Summary Curriculum Plan

CHEMISTRY

	AUTUMN 1	AUTUMN 2	SPRING 1	SPRING 2	SUMMER 1	SUMMER 2
	Topics	Topics	Topics	Topics	Topics	Topics
Year 7	Key Stage 3 Science Curriculum					
Year 8						
Year 9	Elements, Mixtures and Compounds (Topic 1 GCSE)	Evolution of the Earth's Atmosphere (Topic 9 GCSE)	Atomic Structure Topic 1 GCSE	The Periodic table Topic 1 GCSE	Groups within the periodic table Topic 1 GCSE	Groups within the periodic table Topic 1 GCSE
Year 10 Combined Science	Bonding, Structure and the properties of matter.	Quantitative Chemistry - moles of solids	Chemical Changes - metal reactivity	Chemical Changes acid chemistry	Chemical Changes - electrolysis	Energy Changes exothermic and endothermic reactions
Year 10 Separate Science	Bonding, Structure and the properties of matter. (Topic 2 GCSE)	Quantitative Chemistry - moles of solids (Topic 3 GCSE)	Quantitative Chemistry moles of gases and solutions (Topic 3 GCSE)	Chemical Changes - metal reactivity and acid chemistry (Topic 4 GCSE)	Chemical Changes - electrolysis (Topic 4 GCSE)	Energy Changes exothermic and endothermic reactions (Topic 5 GCSE)
Year 11 Combined Science	Rate and extent of chemical change - rates of reactions	Rate and extent of chemical change – rates of reactions	Organic Chemistry	Chemical analysis	Using Resources	
Year 11	Energy Changes cells and batteries (Topic 5 GCSE)	Rate and extent of chemical change - rates of reactions (Topic 6 GCSE)	Chemical analysis (Topic 8 GCSE)	Organic Chemistry (Topic 7 GCSE)	Using resources (Topic 10)	