



Curriculum Map - Science

	Autumn		Spring		Summer	
Year 7	The Cell, Energy, Particle Theory, Working Scientifically, Organisation 1, The Atom (start)		The Atom (finish), Forces 1, Organisation 2, Elements and the Periodic Table, Electricity and Magnetism, Interdependence (start)		Interdependence (finish), Separating Mixtures, The Solar System, Closing the gaps	
Year 8	Bioenergetics 1 – Respiration, What is a chemical reaction – Acids and bases, Forces 2, Transport, Particle Theory (start)		Particle Theory (finish), Biodiversity, Waves, Reactivity Series, Electronic Structure, Atoms and bonding, Organisation- Health and Disease (start)		Organisation- Health and Disease (finish), Energy changes and rate of reaction, Electricity, Closing the gaps	
Year 9	Genetics, Bonding – Structure and Properties, Forces 3, Bioenergetics 2 – Photosynthesis, Quantitative Chemistry, Cosmology		GCSE Transition Cells I, Atomic structure and periodic table I, Energy 1, Energy II, Cells II, Atomic structure and periodic table II		GCSE Transition Organisation I, Electricity I, Organisation II, Bioenergetics – Respiration	
Year 10	Energy I and II, Organisation I and II, Atomic structure and periodic table I and II, Electricity I		Infection and response, Chemical changes I, Chemical changes II, Electricity II + series & parallel circuits, Structures and bonding		Particle model of matter, Quantitative chemistry I & II, Energy changes, Homeostasis and response, Rate and extent I	
Year 11	Homeostasis and Response, Energy Changes, Rate and Extent - I and II	Inheritance I, Organic Chemistry, Inheritance, variation and evolution II, Chemical analysis	The Earth's Atmosphere, Magnetism and Electromagnetism, Waves, Inheritance, variation and evolution I	Inheritance, variation and evolution II, Chemical analysis, Forces II, Magnetism and Electromagnetism, Using Resources	Revision	