Science Curriculum Map

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer2
Year 7	Organisms1- 8.1 Movement and 8.2 cells.	Matter- 5.1 Particle model and 5.2 Separating mixtures	Forces1- 1.1 Speed and 1.2 Gravity	Genes1- 10.1 Variation and 10.2 Human reproduction	Waves1- 4.1 Sound and 4.2 Light	Ecosystems 9.2 Plant reproduction
Year 8	Ecosystems1- 9.1 Interdependence Earth1- 7.1 Earth structure and 7.2 Universe	Reactions1- 6.1 Acids and alkalis and 6.2 Metals and non-metals	Forces2- 1.3 Contact forces and 1.4 Pressure	Organisms- 8.3 Breathing and 8.4 Digestion	Matter2- 5.3 Elements and 5.4 Periodic table	Energy1- 3.1 Energy costs and 3.2 Energy transfer
Year 9	Genes2- 10.3 Evolution and 10.4 inheritance Earth2- 7.3 Climate and 7.4 Earth resources	Electromagnets1- 2.1 Potential difference and resistance and 2.2 Current Energy2- 3.3 Work and 3.4 Heating and cooling	Ecosystems- 9.3 Respiration and 9.4 Plant reproduction	Electromagnets2- 2.3 Magnetism and 2.4 Electromagnets Waves2- 4.3 Wave effects and 4.4 Wave properties	Reactions2- 6.3 Types of reaction and 6.4 Chemical energy	Topic: Cells and organisation
Year 10	Topic: Cell and organisation	Topic: Disease and bioenergenics	Topic: Atoms, bonding, and moles	Topic: Chemical reactions and energy changes Topic: Genetics and reproduction	Topic: Energy and energy resources P1 Conservation and dissipation of energy Topic: Particles at work	Topic: Forces in action
	ELC Component 1 Biology: The human body		ELC Component 3 Chemistry: Elements, mixtures and compounds		ELC Component 5 Physics: Energy, forces and structure of matter	
	Topic Genetics and Reproduction Topic Ecology	Topic Rates, equilibrium and organic chemistry	Topic Waves, electromagnetism and space	Revision, exam technique		

Science Curriculum Map

Year11		Topic Analysis and the Earth's resources		
	ELC Component 2 Biology: Environment, evolution and inheritance	ELC Component 4 Chemistry: Chemistry in our world	ELC Component 6 Physics: Electricity, magnets and waves	