

SCIENCE - KS3 Key Concept Overview

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 9	Organism-Breathing Electromagnetism	Chemical energy and reactions Waves- Properties and Effects	Genes-Evolution Forces- Contact	Matter-Atoms Waves- Light	Genes-Inheritance Energy-Work, Heating and Cooling	Earth- Climate Forces- Pressure
Year 8	Matter- Elements Ecosystems- Interdependence	Electricity-Part 1- Circuits and safety Organisms-Healthy Diet	Reactions-Periodic table Ecosystems-Respiration	Organisms- Digestion Earth- Universe	Earth- Resources Electricity Part 2- Voltage, current and resistance	Reactions-metals and non-metals Ecosystems- Photosynthesis
Year 7	Science investigation skills Organism cells	Forces-speed and gravity Matter-Particle model	Reactions-Acids and Alkalis Organisms Movement	Waves-sound Organisms-Specialised cells	Matter-Separating mixtures Genes-Reproduction	Energy-Cost and Transfer Genes-Variation