

SCIENCE

KS/cycle	Aut 1	Aut 2	Spr 1	Spr 2	Sum 1	Sum 2
KS2						
Cycle 1	Our Bodies	Sorting and Using Materials	Teeth and Eating	Dissolving	Lifecycles	Magnets
Cycle 2	Properties of Materials	Sound	Forces	Living Things	Helping Plants grow well	Electricity
Cycle 3	States of Matter	Changing state	Habitats	Friction	Variation	Light and dark
Cycle 4	Pushes and Pulls	Seasons and Earth in Space	Circuits and Conduction	Rocks and Soils	Health and Growth	Local Plants and Animals
KS3						
Cycle 1	Reversible and Irreversible Changes	Electrical Circuits and Sources of Energy	Particle models - elements and atoms	Acids and Alkalis - Simple Chemical Reactions	Cells, Tissues, Organs and Body systems	Keeping Fit and Healthy
Cycle 2	Thermal Insulators and Conductors	Effects of Forces	Our Solar System	Ecosystems , Adaptation and Habitats	Variation and Classification	Rock cycle and the Impact of Human Activity
KS4						
Y9	Effects of Heating and Cooling	Magnets and Electromagnets	Plants and photosynthesis	Reproduction	Light and Sound Energy	Science Ethics.
Y10 BTEC	Using Equipment to make Scientific Observations and Measurements			Causes of Disease and Maintaining Health		
Y11 BTEC	The Study of Living Systems.		Making and Testing Cosmetic Products		Starting Work in the Science sector.	
Y10 AQA	Keeping Healthy		Materials from the Earth		Energy Transfer and efficiency	
Y11 AQA	Inheritance, Evolution and the Environment		Oils, Earth and Atmosphere		Electricity and Waves	
Post 16 (Cycle 1)	Science and Cosmetics			Science in Fire Fighting		
Post 16 (Cycle 2)	Science in Food			Health and Safety in a Science Laboratory		

The skills of working scientifically will be taught throughout all of the topics in all discovery activities, investigations and experiments.