

	Block 1	Block 2	Block 3	Block 4
Year 7	Particle Model Pure and Impure Substances Cells and Organisation <i>What are the building blocks of life?</i> <i>What are the building blocks of all matter?</i>	Atoms and Elements and the Periodic Table Forces Nutrition and Digestion <i>What are the building blocks of the universe?</i> <i>What forces act in the universe?</i> <i>How does our body use food?</i>	Energy Changes Microbes and Disease Reproduction <i>How do energy changes occur?</i> <i>What causes diseases?</i> <i>How are human babies made?</i>	Physical changes Acids and Alkalis Magnetism Current Electricity <i>How do reactions, and acids and alkalis affect us?</i> <i>How do invisible forces act?</i> <i>How do electrical devices work?</i>
Year 8	Chemical Reactions Forces and Motion <i>How are compounds formed?</i> <i>How do forces act to produce movement?</i>	Cellular Respiration and Gas Exchange Waves <i>How do organisms get energy?</i> <i>How do we use waves for communication?</i>	Evolution Energy in Chemical Reactions Metals and Reactivity <i>How do organisms evolve?</i> <i>How are reactions useful?</i> <i>How are metals useful?</i>	Photosynthesis Relationships in Ecosystems Earth and Atmosphere <i>Why are plants so important for life on earth?</i> <i>How do organisms depend on each other?</i> <i>How can we conserve the earth and atmosphere?</i>
Year 9	Cells and diffusion States of matter and mixtures <i>How are chemicals moved around cells?</i> <i>How do we purify substances?</i>	Forces and motion Atoms and the periodic table <i>What are Newton's laws of motion?</i> <i>What is everything made of?</i>	Cell division and reflexes Conservation of energy <i>How are new cells made?</i> <i>Why can energy not be created or destroyed?</i>	Structure and Bonding Genetics and Natural selection <i>Why are substances solids, liquids and gases?</i> <i>How did we evolve?</i>