Curriculum Map Year 9



	Autumn term 1	Autumn term 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 9	Elements, mixtures and compounds	The human body	Energy and Forces	Evolution, environment and inheritance	Chemistry in our World	Electricity, magnetism and waves
Knowledge & Skills	Elements Atomic structure Patterns in the periodic table Chemical reactions Word equations States of matter State changes Particle theory Molecules and giant structures Mixtures Separation techniques	Animal and plant cells Specialised cells Tissues Organs and organ systems of the human body Circulatory system Digestive system Enzyme action Respiration and the breathing system Lifestyle factors and health	Energy and system changes Efficiency and waste energy Thermal conductivity Heat transfer and insulation Earth's energy resources renewables and non- renewables Contact and non- contact forces Work done	Green plants as producers Photosynthesis Plant and animal adaptations Food chains Food webs Ecosystems Plant and animal competition The carbon cycle	Reactions of acids and metals Gas tests Neutralisation reactions Crystallisation Exothermic reactions Endothermic reactions Rates of chemical change The evolution of Earth's atmosphere	Building and drawing circuits Electric current Voltage Resistance Power supplies d.c. and a.c. Domestic electricity Electrical energy transfer Magnetism and electric current
Assessment	Retrieval practice 1 x Teacher devised activity 1 x Summative skills and knowledge assessment	Retrieval practice 1 x Teacher devised activity 1 x Summative skills and knowledge assessment	Retrieval practice 1 x Teacher devised activity 1 x Summative skills and knowledge assessment	Retrieval practice 1 x Teacher devised activity 1 x Summative skills and knowledge assessment	Retrieval practice 1 x Teacher devised activity 1 x Summative skills and knowledge assessment	Retrieval practice 1 x Teacher devised activity 1 x Summative skills and knowledge assessment