

Long term overview

Year Group Subject

	Biology	Chemistry	Physics
7	Cell biology Genetic Differences Reproduction of animals and plants Interactions and interdependence	Elements, compounds and mixtures Acids and alkalis Particle theory Chemical reactions	Energy Electricity and magnetism Space Introduction to forces
8	Body Systems Genetics and evolution Habitats and plants Digestion and respiration	Periodic table Materials More chemical reactions Earth and the Atmosphere	Further forces Heating and cooling Light Sound
9	Cell biology Organisation Infection and response	Atomic structure and the periodic table Bonding, structure and properties of matter Chemical changes Quantitative chemistry Energy Changes Pt 1	Energy Particle model of matter Atomic structure and radioactivity Electricity
10	Bioenergetics Homeostasis and response	Energy changes Chemical changes Rates of reaction Organic chemistry Chemical analysis	Forces Waves
11	Inheritance, variation and evolution Ecology	Chemistry of the atmosphere Using resources Transition metals and nanoparticles Quantitative chemistry Identifying ions	Magnetism and electromagnetism Space (Physics only)