

	Topic	Themes	Knowledge
Autumn 1	Biology	Health and disease	Good and ill health Diet and exercise Disease Growth Life cycles Respiration Classification of living things Vertebrates and invertebrates
	Physics	Earth and Sun	Structure of the solar system Days and years Seasons
Autumn 2	Chemistry	Understanding chemical reactions	Combustion Representing chemical reactions Conservation of mass Reactions in solution Acids and alkalis pH scale Neutralisation
	Physics	Force and motion	Mass and weight Reaction forces Turning effects
Spring 1	Biology	Bioenergetics and interdependence	Identifying and classifying organisms Plant nutrition Photosynthesis Cellular Respiration
Spring 2	Chemistry	Earth's resources	Air quality Evaporation and Water cycle Acid rain Inside the Earth

			What's in a rock? Types of rock
Summer 1	Physics	Simple electric circuits	Making Circuits Electric current Potential difference Static electricity
	Physics	Making images	The ray model of light to explain images Refraction and lenses
Summer 2	Biology		Food chains and food webs Interdependence in ecosystems Reproduction in flowering plants Ecosystem components and dynamics