

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Autumn 1	Biology Plants <i>Identifying and naming common plants and describing basic structures</i>	Biology Plant growth <i>Plants grow from seeds, and require water, light and a suitable temperature</i>	Chemistry Rocks <i>Comparisons of types of rocks and how fossils are formed</i>	Biology Classifying organisms <i>Introduction to classifying animals and their environment</i>	Chemistry Separating mixtures <i>Identifying and separating mixtures; difference between reversible and non-reversible changes</i>	Physics Electricity <i>Investigating variations in series and parallel circuits, and how electricity is generated</i>
Autumn 2	Biology / Physics Seasonal changes <i>Observing changes across four seasons and describing associated weather</i>	Biology Needs of animals <i>Animals need water, food and air to survive and to have offspring</i>	Physics Light <i>Relationship between light and how we see; the formation of shadows</i>	Biology Food & digestion <i>The human digestive system and simple food chains</i>	Physics Energy <i>Introducing the concept of energy stores and energy transfers, and relating this to prior knowledge</i>	Biology Evolution <i>Fossils; introduction to the idea that adaptation may lead to evolution</i>
Spring 1	Chemistry Everyday materials <i>Distinguishing objects from the material it's made from, and describing simple properties</i>	Chemistry Uses of everyday materials <i>Comparisons of an object's material with its use; impact of bending, twisting on solid objects</i>	Biology Living organisms <i>The role of muscles and skeletons; the importance of nutrients</i>	Chemistry Particle model and states of matter <i>States of matter in relation to particle arrangement</i>	Biology Life cycles <i>Life cycles of a mammal, amphibian, insect and bird, and some reproduction processes</i>	Physics Light <i>How light travels and is reflected, and how this allows us to see</i>
Spring 2	Consolidation and review	Biology Living things & their habitats <i>Basic introduction to habitats and micro-habitats, and simple food chains</i>	Biology Plants <i>The key features of flowering plants and what they need to survive</i>	Physics Sounds <i>Relationship between strength of vibrations and volume of sound</i>	Biology Human development <i>Human development to old age</i>	Biology Further classification <i>Further classification of living organisms based on characteristics</i>
Summer 1	Biology Animals <i>Identifying and naming fish, amphibians, reptiles, birds and mammals; carnivores, herbivores and omnivores</i>	Chemistry Solids, liquids and gases <i>Understanding how the same substances can exist as solids, liquids and gases</i>	Physics Forces & motion <i>Introducing pushes and pulls; opposing forces, and balanced forces</i>	Physics Electricity <i>Simple series circuits</i>	Physics Forces <i>Gravity, air and water resistance and friction; introduction to pulleys</i>	Biology Functions of the human body <i>Human circulatory system; transport of nutrients within the body</i>
Summer 2	Biology Humans <i>Human body parts and senses</i>	Consolidation and review	Physics Friction & magnetism <i>Contact and non-contact forces, including friction and magnetism</i>	Chemistry Properties of materials <i>Considering physical and chemical properties</i>	Physics Earth and space <i>Movements of planets and the Moon, and relationship <u>to day</u> and night</i>	Chemistry Physical and chemical changes <i>Identifying physical and chemical changes</i>