

| N3-4 | Reception | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | |
|-----------------|--|---|---|--|--|---|--|---|
| Autumn 1 | | | | | | | | |
| Autumn 2 | | | | | | | | |
| Spring 1 | On the Move / Toys Exploring pushes, pulls and magnets | CHEMISTRY Everyday materials Distinguishing objects from their material, and describing simple properties | BIOLOGY Plant growth Plants grow from seeds, and require water, light and a suitable temperature | PHYSICS Light Relationship between light and how we see; the formation of shadows | BIOLOGY Food & digestion The human digestive system and food relationships in ecosystems | BIO / CHEM / PHYSICS Energy Introducing the concept of energy stores and energy transfers; relate this to prior knowledge | PHYSICS Electricity Investigating variations in series and parallel circuits, and how electricity is generated | |
| Spring 2 | On the Farm / Food Glorious Food Life cycles of farm animals and plants | Spring in our step Wildlife and weather in spring and winter; habitats around our school | Consolidation and review | CHEMISTRY Uses of materials Comparisons of an object's material with its use; impact of bending, twisting on solid objects | BIOLOGY Plants Features of flowering plants and what they need to survive | PHYSICS Sounds Relationship between strength of vibrations and volume of sound | BIOLOGY Life cycles Life cycles of a mammal, amphibian, insect, bird, and some reproduction processes | PHYSICS Light How light travels and is reflected, and how this allows us to see |
| Summer 1 | Once upon a time 1 / 2 Properties of materials and exploring mixtures | | BIOLOGY Animals Naming reptiles, fish, amphibians, birds and mammals; carnivores, herbivores, omnivores | CHEMISTRY Solids, liquids and gases How the same substances can exist as solids, liquids and gases | PHYSICS Forces & motion Introducing pushes and pulls; opposing forces, and balanced forces | PHYSICS Electricity Simple series circuits | PHYSICS Forces Gravity, air and water resistance and friction; introduction to pulleys | BIOLOGY Further classification Further classification of organisms based on characteristics |
| Summer 2 | All creatures great and small 1 / 2 Life cycles of animals in trop. rainforests, sea, and grasslands | Science detectives Properties of materials and habitats around the world | BIOLOGY Humans Human body parts and senses | Consolidation and review | PHYSICS Magnetism Contact and non-contact forces, including friction and magnetism | CHEMISTRY Properties of materials Considering physical and chemical properties | PHYSICS Earth and space Movements of planets and the Moon, and relationship to day and night | CHEMISTRY Physical and chemical changes Identifying physical and chemical changes |