

	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