

SCIENCE	Autumn Term	Spring Term	Summer Term
Nursery	Showing care for the environment & living things. Exploring living things using magnifiers (linked to the Environmental Centre visit).	Growing How we grow and how other living things grow	Senses Importance of each of our senses
Reception	Seasonal changes-Autumn/Winter Observing what happens in the different seasons to living things	Seasonal changes/Spring Healthy lifestyles Animals and their babies Floating & Sinking Light & Dark	Seasonal changes/Summer Pond life-observing changes Looking closely at tadpoles and the changes Magnetism
Year 1 1st Half	Animals including Humans: <ul style="list-style-type: none"> Basic needs of animals. The Five Senses	Everyday Materials: <ul style="list-style-type: none"> Identify materials Group and classify 	Living Things in their Habitats <ul style="list-style-type: none"> Animals, including humans-group & classification of animals
2nd Half	Seasonal Changes (ongoing): <ul style="list-style-type: none"> Observe seasonal change and day length 	Plants: <ul style="list-style-type: none"> Identification of plants Group and classification Seasonal Changes (ongoing): <ul style="list-style-type: none"> Observe seasonal change and day length 	Seasonal Changes (ongoing): <ul style="list-style-type: none"> Observe seasonal change and day length
Year 2 1st Half	Uses of everyday materials: <ul style="list-style-type: none"> Identifying, comparing and grouping materials according to their properties 	Living things and their Habitats: <ul style="list-style-type: none"> Identify by name plants and animals in their habitats Simple food chain 	Plants: <ul style="list-style-type: none"> Change of seeds into bulbs into mature plants What do plants need to stay healthy

2nd Half	Continuing theme of everyday materials	Animals including humans: <ul style="list-style-type: none"> • Basic needs of animals for survival • Animals have offspring that grow into adults. 	Living things and their Habitats: <ul style="list-style-type: none"> • Identify by name plants and animals in their habitats • Simple food chain
Year 3 1st Half	Rocks and Soil: <ul style="list-style-type: none"> • Grouping rocks • Describe how fossils are formed 	Animals, including humans: <ul style="list-style-type: none"> • Need the right types and amounts of nutrition • Have skeletons and muscles 	Light: <ul style="list-style-type: none"> • Sources of light • Shadows
2nd Half	Forces and Magnets <ul style="list-style-type: none"> • Magnetic and non-magnetic materials • Friction 	Plants: <ul style="list-style-type: none"> • Functions of the parts of a plant • The life cycle of flowering plants 	
Year 4 1st Half	States of Matter: <ul style="list-style-type: none"> • Properties of solids, liquids and gases • Changes of states 	Sound: <ul style="list-style-type: none"> • How sounds are made and travel • Pitch and volume 	Living Things and their Habitats: <ul style="list-style-type: none"> • Grouping and classification of living things in local and wider environments
2nd Half	Electricity: <ul style="list-style-type: none"> • Series circuits and components • Insulators and conductors 	Animals: <ul style="list-style-type: none"> • Digestive system • Teeth • Food chain 	
Year 5 1st Half	Earth and Space: <ul style="list-style-type: none"> • Earth, sun and Moon • Solar System 	Properties and changes of materials: <ul style="list-style-type: none"> • Reversible and irreversible change • Separating materials 	Animals including humans: <ul style="list-style-type: none"> • Describe the change as humans get to old age
2nd Half	Forces: <ul style="list-style-type: none"> • Effects of air resistance, water resistance and friction 	Living things and their habitats: <ul style="list-style-type: none"> • Reproduction in plants and animals including asexual and sexual reproduction in plants 	Heathy bodies

	<ul style="list-style-type: none"> • Mechanism, levers, pulleys and gears 	<ul style="list-style-type: none"> • Differences in life cycles 	
Year 6 1st Half	Electricity: <ul style="list-style-type: none"> • Circuit symbols • Understanding a range of components • Understand the brightness of the lamp with the voltage of cells used. 	Animals including humans: <ul style="list-style-type: none"> • Circulatory system • Impact of diets, lifestyles on the ways their bodies function • Nutrients and water transported 	Living things and their habitats: <ul style="list-style-type: none"> • Classification of living things based upon observable characteristics
2nd Half	Light: <ul style="list-style-type: none"> • How light travels • How we see • Reflection 	Evolution and inheritance: <ul style="list-style-type: none"> • Living things changing over time – fossils • Animals and plants adapted to the environment • Adaptation may lead to evolution 	