

Science
Whole School Subject Overview



	Autumn 1	Autumn2	Spring 1	Spring 2	Summer 1	Summer 2
Reception	<u>Me and my small world</u> Animal names, body parts <u>What's in my basket</u> Fruit, veg (size/comparison) <u>Senses</u> Sense and which part of body is for each sense	<u>Let's go outside</u> Natural world, seasonal change, weather <u>What's changed?</u> Describing change – e.g melting chocolate <u>Night and day</u> Nocturnal animals, day and night	<u>Changes in winter</u> Seasonal change, hibernation <u>Let it flow</u> Floating and sinking <u>From desert to jungle</u> Comparing environments and matching animals	<u>Watch it grow</u> Planting and sustainability <u>Animal detectives</u> Sorting animals based on features <u>Pushes and pulls</u> Pushes and pulls incl magnets	<u>From City to sea</u> Different environments incl pollution <u>Look all around</u> Seasonal change – similarities/diff <u>Test it out</u> Materials for a purpose	<u>Happy and healthy</u> Healthy eating / exercise – incl doc/dentist <u>Our wonderful world</u> Recycling and pollination <u>We're going on an animal hunt</u> minibeasts
Year 1	<u>The Human body</u> Naming parts and senses <u>Seasonal change</u>	<u>Materials</u> Exploring materials incl melt/freeze, float sink <u>Seasonal change</u>	<u>Planting Animals</u> Mammals, birds, fish, amphibians, reptiles. Carnivores, herbivores, omnivores	<u>Caring for the planet</u> <u>Seasonal change</u> <u>Planting</u>	<u>Plants</u> Parts of plants / trees. Local areas	<u>Growing and cooking</u> Where does food come from? <u>Seasonal change</u>
Year 2	Animals and humans Mammals, birds, fish, amphibians, reptiles.	<u>Materials</u> Wood, paper, cardboard, brick, rock, glass, plastic, metal, fabrics	<u>Plants</u> What do plants need to grow? Light and dark	<u>Living things and their habitats</u> Range of habitats + diet	<u>Plants</u> Bulbs and seeds <u>Growing up</u> Lifecycles	<u>Recap of Summer 1</u> – butterfly diary <u>Wildlife</u> What can we do for wildlife? What does wildlife do for us?

Year 3	<u>Skeleton and nutrition</u> Naming bones and their functions, Eatwell plate and functions of food groups.	<u>Rocks</u> Different types of rocks and their composition.	<u>Fossils and soil</u> Fossil formation and different types of soils and their composition.	<u>Light</u> How we see and how shadows work.	<u>Plants</u> Pollination and the plant life cycle.	<u>Forces and Magnets</u> Friction, push, pull and attract and repel.
Year 4	<u>Group and classifying living things</u>	<u>States of matter</u> Solids liquids and gases	<u>Sound</u> The ear and how we hear	<u>Electricity</u> Making their own circuits	<u>Habitats</u> Difficulties facing habitats	<u>Digestive system</u> Digestion and food chains
Year 5	<u>Forces</u> Air, water resistance and friction	<u>Space</u> Earths rotation and moon/sun orbits	<u>Materials</u> Dissolving, separating different materials, use of materials	<u>Living things and their habitats</u> Different life cycles of mammals, amphibians, insects and birds	<u>Animals including humans</u> Changes to humans as they get older and reproduction of animals and plants	<u>Reversible and irreversible changes</u> Discovering which changes are reversible and irreversible
Year 6	<u>Living things and their habitats</u> Classifying different animals based on specific characteristics	<u>Electricity</u> Understanding of how circuits work and scientific diagrams	<u>Light</u> How we see and shadows	<u>Animals including humans</u> Circulation and transportation throughout the body	<u>Evolution and inheritance</u> How things have changed over time and how fossils provide this info and start to explain adaptations	