

	Science Coverage for Nursery	Science Coverage for Reception	Future Learning –Year 1 Curriculum
Animals including Humans	<ul style="list-style-type: none"> • Learn about the life cycles of animals • Compare adult animals to their babies • Learn about how to take care of themselves • Learn about their senses 	<ul style="list-style-type: none"> • Name and describe animals that live in different habitats. • Describe different habitat • Describe people who are familiar to them • Learn about how to take care of themselves and people who help us to care for ourselves • Learn about the life cycles of humans 	<ul style="list-style-type: none"> ♣ identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals ♣ identify and name a variety of common animals that are carnivores, herbivores and omnivores ♣ describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets) ♣ identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.
Key Vocabulary	Head, body, eyes, ears, mouth, teeth, leg,	tail, wing, claw, fin, scales, feathers, fur, beak, paws, hooves, senses – touch, see, smell, taste, hear, fingers (skin), eyes, nose, ear and tongue	Names of animals experienced first-hand from each vertebrate group
Living things and their habitats/ Plants	<ul style="list-style-type: none"> • Explore the surrounding natural environment • Explore natural objects from the surrounding environment • Grow plants 	<ul style="list-style-type: none"> • Explore the plants in the surrounding natural environment • Explore minibeasts in the surrounding natural environment • Plant seeds and care for growing plants. • Understand the key features of the life cycle of a plant (Sunflower) 	<ul style="list-style-type: none"> ♣ identify and name a variety of common wild and garden plants, including deciduous and evergreen trees ♣ identify and describe the basic structure of a variety of common flowering plants, including trees.
Key Vocabulary	leaf, flower,	petal, fruit, berry, root, seed,	blossom, trunk, branch, stem, bark, stalk, bud Names of trees in the local area Names of garden and wild flowering plants in the local area
Seasonal Changes	<ul style="list-style-type: none"> • Play and explore outside in all seasons and in different weather 	<ul style="list-style-type: none"> • Observe living things throughout the year 	<ul style="list-style-type: none"> ♣ observe changes across the four seasons ♣ observe and describe weather associated with the seasons and how day length varies.
Key Vocabulary	Weather (sunny, rainy, windy, snowy etc.)	• Seasons (winter, summer, spring, autumn)	• Sun, sunrise, sunset, day length
Materials, including	<ul style="list-style-type: none"> • Explore a range of materials • Shape and join materials 	<ul style="list-style-type: none"> • Explore a range of materials, including natural materials 	<ul style="list-style-type: none"> ♣ distinguish between an object and the material from which it is made

changing materials	<ul style="list-style-type: none"> • Combine and mix ingredients • Change materials by heating and cooling 	<ul style="list-style-type: none"> • Make objects from different materials, including natural materials • Change materials by heating and cooling, including cooking 	<ul style="list-style-type: none"> ♣ identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock ♣ describe the simple physical properties of a variety of everyday materials ♣ compare and group together a variety of everyday materials on the basis of their simple physical properties.
Key Vocabulary	water, rock, brick, paper hard, soft,	material, wood, plastic, glass, metal, card/cardboard, wool,	Object, , fabric, elastic clay,, foil, rubber, stretchy, stiff, bendy, floppy, waterproof, absorbent, breaks/tears, rough, smooth, shiny, dull, see-through, not see-through

Autumn 1 Autumn 2 Spring 1 Spring 2 Summer 1 Summer 2 Ongoing