

England Class Nursery	EYFS Curriculum: Development Matters – Understanding the World – 3-4 Year Olds <ul style="list-style-type: none"> • Begin to understand the need to respect and care for the natural environment and all living things. • Plant seeds and care for growing plants. • Understand the key features of the life cycle of a plant and an animal. 			Progression towards ELG: <ul style="list-style-type: none"> • Explore the natural world around them, making observations and drawing pictures of animals and plants. • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 		
Curriculum Coverage (Examples)	Autumn 1 <i>Habitats. Can we find out what the animals from the story's house would normally look like? Where do acorns/conker come from? Looks at trees around the school.</i>	Autumn 2 <i>What happens to the trees in the Autumn? Look at summer and autumn tree pictures and compare. Pick apples – make and decorate toffee apples</i>	Spring 1 <i>Watch video of firework display. How do they sound? Have you seen them before? Skittle experiment/Colours</i>	Spring 2 <i>Exploring how porridge oats feel. Mix with water and add bowls and spoons. (malleable) Grow cress</i>	Summer 1 <i>Gummy Bear experiment. What do we think might happen? Discuss as a group. Grow a sunflower at school & home</i>	Summer 2 <i>Ice tuff tray. Have large ice blocks in a tuff tray. Can the children find ways to melt them? Small group activity.</i>

Wales/Scotland Classes Reception	EYFS Curriculum: Development Matters – Understanding the World <ul style="list-style-type: none"> • Explore the natural world around them • Describe what they see, hear and feel whilst outside. • Recognise some environments that are different from the one they live in. • Understand the effect of changing seasons on the natural world around them. 			Progression towards ELG: <ul style="list-style-type: none"> • Explore the natural world around them, making observations and drawing pictures of animals and plants. • Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter. 		
Curriculum Coverage (Examples)	<i>Scavenger Hunt</i>	<i>Introduce / model magnifying glasses and bug pots with bug finder sheets.</i>	<i>What can you find? Where would be a good place to look? Why?</i>	<i>Natural Crowns What did you use? Catwalk of crowns.</i>	<i>Read the stickman story. Create a family of stick man using natural materials.</i>	<i>Play charades with creatures you may find in the WW area. Make a home for one of them</i>

Nursery to Reception Progression and Knowledge Organiser – Science (Understanding the World)

Progression of Vocabulary: These are skills expected by the end of Reception Year, and will be built towards across Nursery and Reception.						
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">Nursery</div> <div style="margin-bottom: 10px;">↓</div> <div>Reception</div> </div>	Animals including humans	Plants	Materials	Seasonal Changes	Forces, Earth and Space	Sound, Light and Electricity
	Head, toes, eyes, arm, nose, leg, mouth, knee, ears, elbow, hands, back, fingers, animal, feet, fish, bird	Tree, leaf, flower, trunk, seed, grow Petals, leaves, fruit, bulb, vegetables, shoot, branch, roots, stem	Material, wood, plastic, paper, hard, soft, touch, rock, glass, fabric, smooth, shiny, rough	Day, rain, night, snow, dark, wind, light, sun, moon, hot, cold, Season, spring, summer, autumn, winter, weather	Earth, moon, sun, star Astronaut, space planets,	Loud, quiet, switch, light, dark Volume, sound, noise, sunset, sunrise, shadow
Progression of Scientific Knowledge						
	Working Scientifically		Animals Including Humans		Plants	
<div style="display: flex; flex-direction: column; align-items: center;"> <div style="margin-bottom: 10px;">Nursery</div> <div style="margin-bottom: 10px;">↓</div> <div>Reception</div> </div>	Beginning to ask 'how' or 'why'?		Compare and group animals.		Compare plants and group them.	
	Make simple observations describing what can be seen.		Think about different environments and what animals might live there.		Recognise that plants grow from seeds, and the life cycle of a plant	
Beginning to compare using the language 'more' or 'less'		Know that there are similarities and differences between others and myself.		Recognise that plants decompose.		
Attempt to explain why something happens.		Name some parts of the body that can be seen.		Explain the life cycle of a plant.		
		Know that I grow from a baby to a child and then to an adult.		Label parts of a plant.		