

Progression of skills: Science
(Understanding the World – The Natural World
Personal, Social and Emotional Development – Managing Self)
Reception



What do we cover?
<p>Understanding the World Early Learning Goals</p> <ul style="list-style-type: none"> • Explore the natural world around them; making observations and drawing pictures of animals and plants • Know some similarities and differences between the natural world around them and contrasting environments, drawing on their experiences and what has been read in class • Understand some important processes and changes in the natural world around them; including seasons and changing states of matter <p>PSED Early Learning Goal</p> <ul style="list-style-type: none"> • Manages own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices and oral health.
How do we do it?
<p>Autumn</p> <ul style="list-style-type: none"> • Body parts – labelling • Senses – how do we see, smell, taste, hear and feel? • How we grow – looking at the changes from them as a baby to now • Basic hygiene – ensuring they can manage their own personal needs • Healthy food choices • Oral health – looking after our teeth, teeth brushing etc • Seasons – looking at how things change over time (Summer to Autumn to Winter) • Changes of state – water freezing to ice, ice melting
<p>Spring</p> <ul style="list-style-type: none"> • Discussing the natural world around them • Looking at the changes from winter to Spring • Materials – looking at their properties – building a house for the three little pigs, making a comfy bed for the bears, • Changes of state – combining and heating ingredients to make porridge, melting chocolate • Floating or sinking – How the Gingerbread Man can cross the river, looking at what would happen if he swam across • Healthy food – Making a healthy basket of food for Grandma • Life cycle of a plant – planting a bean seed and observing how it changes over time • Space – learning about the planets and looking at how they are different • Learning about dinosaurs and how they are different to us. • Changes of state – investigating how to free a dinosaur from a frozen ice egg, how to make salt dough to make a fossil
<p>Summer</p> <ul style="list-style-type: none"> • Life cycles (chick, frog, plant) to show changes over time • Parts of animals, minibeasts and plants • Observing what they can see – observational drawing of plants and animals • Contrasting environments and how the animals survive in them e.g. under water, farm, jungle etc.
<p>Throughout the year:</p> <ul style="list-style-type: none"> • Window – looking at how an environment changes over time (also history/geography/art link) photos taken throughout the year to compare • Continuous provision e.g. water play, sand, different materials, loose parts etc