



Updated 2024

Science in EYFS

	Autumn	Spring	Summer
Enquiry Question/ Key Concept	<p>Animals- Exploring our senses & nocturnal animals</p> <p>Plants-Planting bulbs</p> <p>Materials- Melting</p>	<p>Plants- Spring growth</p> <p>Earth & Space- Planets</p> <p>Animals- Frog life cycle</p>	<p>Plants- Wild flowers</p> <p>Materials-Building boats</p> <p>Animals-Caterpillar life cycle</p>
Intended knowledge and Skills	<p>Observe and discuss changes they see to their natural environment during an autumn walk- select a tree to observe over time</p> <p>Plant spring bulbs in order to observe growth and decay over time</p> <p>Understand how we can use our senses to explore food including bread (linked to the little red hen) and fruit (linked to Handa's surprise)</p> <p>Know some animals are nocturnal and what this means (linked to Owl Babies)</p> <p>Explore melting (linked to the snowman) and describe in simple terms this process</p>	<p>Observe and discuss changes they see to their natural environment during a spring walk- return to selected tree</p> <p>Understand what bulbs need to grow</p> <p>Know the planet that we live on and that there are different planets in the solar system including simple features</p> <p>Begin to understand ways to speed up the process of melting</p> <p>Understand and explain the life cycle of a frog (linked to the text oi frog)</p>	<p>Observe and discuss changes they see to their natural environment during a summer walk- return to selected tree</p> <p>Plant wild flowers to benefit the bees and butterflies (the bee man), understanding the important role of bees</p> <p>Plant, care for and observe the growth of runner beans to understand their life process</p> <p>Discuss and identify the best material to use to create their own boat</p> <p>Observe and describe the life process of caterpillars to butterflies</p> <p>Understand how to care for our caterpillars/ butterflies and</p>



			what makes a good habitat for the butterflies when we release them
Development Matters Links	<p>Explore the natural world around them. Describe what they see, hear and feel whilst outside. Understand the effect of changing seasons on the natural world around them. Explore collections of materials with similar and/or different properties Understand the key features of the life cycle of a plant and an animal. Begin to understand the need to respect and care for the natural environment and all living things.</p>		
Future learning	<p>Year 1- Pupil will identify which body part is associated with each sense Describe the properties of everyday materials Pupils will observe seasonal change including weather and day time length</p>	<p>Year 1- Pupils will identify and name some plants/trees Pupils will identify and name some animals including features Pupils will observe seasonal change including weather and day time length</p>	<p>Year 1- Pupils will identify and describe the basic structure of a flower. Pupils will identify and name some animals including features Pupils will identify and name a range of everyday materials and their purpose Pupils will observe seasonal change including weather and day time length</p>
Key Vocabulary	Autumn, change, bulb, nocturnal, senses (hear, feel, smell, see, touch), melt	Winter, spring, Earth, froglet, tadpole, space, change , melt	Summer, chrysalis, nectar, change