

**Understanding the World- The Natural World**

- 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 the seasons and changing states of matter

**Language of observation**

It is ... it has...

**Language of comparison**

It is different/ they are different because, it is not the same because. It looks the same because.

**Language of deduction:**

I think it is ... because, it has because..., Why do you think this is... What do you think.... What can you see...? Why did it happen? Happened because

**Language of Opinion:**

I like/don't like. It is good, interesting, unusual ...It is not nice. What do you think? I think.... It will.... because

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<p><b>What makes me special?</b> Our natural world Seasons</p>	<p><b>Our natural world</b> <b>Changes</b> <b>Seasons</b></p> <p><b>Winter walk around the village.</b></p>	<p><b>Has anyone walked on the moon?</b></p> <p><b>Growing plants and the changing seasons.</b></p>	<p><b>Observing change – cornflour and water, cooking food etc.</b></p>	<p><b>Why Do Ladybirds Have Spots?</b> <b>Living things and their habitats</b></p>	<p><b>What Can we do on a sunny day?</b> <b>Materials and their properties</b> <b>Changing states of matter</b> <b>Seasons</b></p>
<b>Working Scientifically</b>	<p>Shows curiosity in the environment around them both inside and out.</p>	<p>Comments on unknown objects based on their own experience.</p> <p>Observes and talks about the changes in objects over a period- melting ice. Volcano eruption</p> <p>Make predictions about what they think will happen.</p> <p>Explore the natural world around them- walk around the school playground</p>	<p>Carries out simple set up experiments - sorting materials that enables them to talk about similarities -classifying materials, materials that make good stars, are reflective.</p> <p>Growing spring plants amaryllis, hyacinth etc and talking about the changes and why they occur,</p>	<p>Takes part in simple experiments led by an adult- floating and sinking Discuss the differences in the objects</p> <p>Make predictions about what they think will happen.</p> <p>Observe what happens to different food when it is cooked (making egg sandwiches)</p>	<p>Selects equipment to help them follow their own enquiry of interest for example which mini beast live in the playground?</p> <p>Records observations in a number of ways: drawings, written work, photographs.</p> <p>Observing, over time the changes that occur to seeds that have been planted.</p>	<p><b>ELG- 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 the seasons and changing states of matter</b></p>
<b>Science- Similarities and differences/change</b>	<p>To observe and discuss the differences and similarities between themselves and their friends.</p> <p>Discuss similarities and differences of themselves now and when they were a baby.</p> <p>To say what they can hear, see and feel whilst outside.</p>	<p>Seasons- Autumn focus Observes and talks about the changes in nature they notice.</p> <p>Observes and makes predictions about what will happen when two substances are mixed- volcano eruption experiment.</p> <p>Use knowledge to classify animals/ dinosaurs looking at similarities and differences.</p> <p>Recognise some environments are different to the one in which they live.</p> <p>Snow in Iceland/very hot in Australia</p>	<p>Answers and asks why questions.</p> <p>Winter focus- changes in nature observations.</p> <p>Listens to and talks about non-fiction books applying new knowledge and vocabulary.</p> <p>Names the four seasons and talks about their differences and understand the effect of changing seasons on the natural world around them.</p> <p>Can talk about why things happen and how things work linked to rocket ships</p>	<p>Records observations to go back and discuss- floating and sinking experiment, boat designs adapting and changing to make sure they float.</p> <p>Develop an understanding of growth and decay and changes over time. - plant study linked to Jack and the beanstalk.</p> <p>Plants beans, peas etc and discuss if they grow under or over the ground.</p>	<p>Shows and understanding of the passing of time through the life cycles of plants animals and mini beasts.</p> <p>Understand animals have similar features to live in specific habitats.</p> <p>Sequence life cycles.</p> <p>Can show care and concern for living things and the environment.</p>	