

## EYFS Understanding of the world – Science focus.

<p><b>Understanding the World – working scientifically.</b>  <b>30-50 mths:</b>  Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world.  <b>40-60mths:</b>  Looks closely at similarities, differences, patterns and change  <b>Early Learning Goal (ELG):</b>  They talk about the features of their own immediate environment and how environments might vary from one another.</p>		
<b>Autumn</b>	<b>Spring</b>	<b>Summer</b>
Why do squirrels hide their nuts? Autumn	Is it shiny? Are eggs alive? ( part of new life – Easter)	What is happening in the garden? – Growing How many pebbles on a beach
<p>Weekly forest school sessions.</p> <p>Observe animals in their own habitats (arrange a visit or use video)</p> <ul style="list-style-type: none"> <li>• Ask questions about things that they see, hear and feel.</li> <li>• Compare the environment to other times of the year.</li> <li>• Autumn treasure hunt, making autumn crowns with leaves.</li> <li>• Talk about the terms ‘hibernation’ and ‘migration’.</li> <li>• Find out about animal food sources.</li> <li>• Take photographs of interesting things</li> </ul> <p>Questions to ask the children.</p> <ul style="list-style-type: none"> <li>• Which animals live here?</li> <li>• How do animals use the environment to survive?</li> </ul>	<p>Weekly forest school sessions</p> <p>Arrange to have Living Eggs at school for the children to observe chicks hatching (every other year).</p> <ul style="list-style-type: none"> <li>• Show care and concern for living things.</li> <li>• Look at the life cycle of a chicken and the changes.</li> <li>• What other creatures lay eggs?</li> <li>• Sequence and record stages of growth.</li> <li>• Animals on the farm.</li> <li>• Making nests so that eggs don’t roll away.</li> <li>• Exploring shiny items.</li> <li>• Looking at reflections.</li> <li>• Comparing materials.</li> </ul> <p>Questions to ask the children.</p> <ul style="list-style-type: none"> <li>• Where do chickens live?</li> <li>• How do they get out of their egg?</li> </ul>	<p>Weekly forest school sessions.</p> <p>Plant flowers and vegetables, investigate minibeasts and their habitats. Compare with the seaside location and plants and creatures that live there.</p> <ul style="list-style-type: none"> <li>• Show care and concern for living things.</li> <li>• Know what living things need to thrive and grow.</li> <li>• Notice and record the stages of growth.</li> <li>• Sort insects into categories, based on if they have wings, 6 legs, spots for example.</li> <li>• Look at the life cycle of the caterpillar.</li> </ul> <p>Questions to ask the children.</p> <ul style="list-style-type: none"> <li>• What do live things need to grow?</li> <li>• What will happen if we do not give them water or light?</li> <li>• How do spiders catch insects in a web?</li> </ul>

<ul style="list-style-type: none"> <li>• What is an acorn? What is a conker? Where do squirrels hide their nuts?</li> <li>• Why do some animals migrate in winter?</li> </ul>	<ul style="list-style-type: none"> <li>• Where do chickens lay their eggs?</li> <li>• How many eggs do chickens lay?</li> <li>• What does it feel like?</li> <li>• Can you name the material?</li> <li>• What has happened to your reflection?</li> </ul>	<ul style="list-style-type: none"> <li>• Why are worms helpful to the soil?</li> <li>• What might we find in a rockpool?</li> <li>• What is erosion and how are pebbles made.</li> <li>• What animals that live in shells</li> </ul>
Curriculum links	Curriculum links	Curriculum links
<p>Understanding of the world – what are our 5 senses? Use i</p> <p>Creative – land art using natural resources.</p>	<p>Maths – counting down the days until the eggs hatch.</p> <p>Literacy – drawing and captions about what is happening.</p> <p>Creative – making a nest to hold an egg. Painting chicks.</p>	<p>Understanding the world – looking at different localities and comparing.</p> <p>Literacy – labelling plants, sequencing and writing instructions.</p> <p>Maths – measuring</p> <p>Creative – observational paintings, drawings.</p>