



SCIENCE IN EYFS

ELG: UNDERSTANDING THE WORLD – To make observations of animals and explain why some things occur. Talk about changes.

Animals (including humans)

Autumn	Spring	Summer
<p>Preschool: Self-portraits (mirrors) Winter clothing to keep us warm</p>	<p>Preschool: Life cycle of a caterpillar/butterfly</p>	<p>Preschool: How to keep cool in the summer (drinks etc) Summer clothing to keep us cool Sun protection</p>
<p>Reception: Autumnal (woodland) animals and their habitats Hibernating animals Facts about hedgehogs and foxes Arctic animals and how they adapt to their environment</p>	<p>Reception: Farm animals and their babies (trip to a farm)</p>	<p>Reception: Oral hygiene. A healthy diet. A healthy body (active week/sports days) Sea animals/mammals</p>

ELG: UNDERSTANDING THE WORLD – To make observations of plants and explain why some things occur. Talk about changes.

Plants

<p>Preschool: Autumn walk, observing changes. Looking at leaves, conkers, acorns, pinecones.</p>	<p>Preschool: Plant seeds (various) Look after seeds Observe changes/growth</p>	<p>Preschool: Plant sunflowers</p>
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<p>Reception: Seasonal changes, including trees.</p>	<p>Reception: From seed to plant (what does it need to grow) Label parts of a plant Using magnifiers to explore plants and seeds Plant a herb garden Plant beans Observe and record growth</p>	<p>Reception: Plants found under the sea/on the beach How to look after plants in hot weather</p>
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ELG: UNDERSTANDING THE WORLD – To talk about the features of their own immediate environment and how environments might vary from one another.
Living things and their habitat

Autumn	Spring	Summer
<p>Preschool: Where do pumpkins grow</p>	<p>Preschool: Spring flowers Mini beast hunt</p>	<p>Preschool: Keeping pets cool</p>
<p>Reception: Autumnal (woodland) animals and their habitats Arctic animals and how they adapt to their environment</p>	<p>Reception: Farm animals and their environments (trip to farm) How to care for pets (Vets Practice)</p>	<p>Reception: Sea animals/mammals</p>

ELG: UNDERSTANDING THE WORLD – To make observations of plants and explain why some things occur. Talk about changes.
Seasonal change

<p>Preschool: Autumn walk, observing changes. Looking at leaves, conkers, acorns, pinecones. Appropriate clothing for autumn and winter.</p>	<p>Preschool: Notice leaves growing on trees. Observe seeds growing into plants.</p>	<p>Preschool: Need for sunscreen and hats.</p>
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<p>Reception: Observe seasonal changes, including trees. Why do changes occur to the environment in Autumn.</p>	<p>Reception: Signs of Spring. Observe seeds growing into plants. What is happening in the herb garden and why?</p>	<p>Reception: How and why does the weather change? Clothes suitable for the seaside.</p>
<p>ELG: UNDERSTANDING THE WORLD – To know about similarities and differences in relation to places, objects and materials. Materials</p>		
<p>Preschool: Exploring materials in the sand and water tray. Messy play. Comparing conkers (smooth and spiky.)</p>	<p>Preschool: Changing state- make cupcakes Nature hunts Messy play</p>	<p>Preschool: Floating and sinking Messy play</p>
<p>Reception: Light and dark – exploring different light sources. Electricity. Comparing different leaf textures. Ice -free the arctic animals (small world)</p>	<p>Reception: Changing state – pancakes.</p>	<p>Reception: Floating and sinking Mixing materials (sand and water) Investigating features of sand. Why are pebbles smooth?</p>