

Early Years Outcomes for UW (science):

Nursery: 3 and 4 Year Olds:

Understanding the World:

Use all their senses in hands-on exploration of natural materials.

Explore collections of materials with similar and/or different properties.

Talk about what they see, using a wide vocabulary.

Begin to make sense of their own life-story and family's history.

Explore how things work.

Plant seeds and care for growing plants.

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.

Explore and talk about different forces they can feel.

Talk about the differences between materials and changes they notice.

Physical Development:

Be increasingly independent in meeting their own care needs, e.g. brushing teeth, using the toilet, washing and drying their hands thoroughly.

Make healthy choices about food, drink, activity and tooth brushing

Reception: Children in Reception

Understanding the World

Explore the natural world around them.

Describe what they see, hear and feel whilst outside.

Recognise some environments that are different to the one in which they live.

Understand the effect of changing seasons on the natural world around them

Physical Development:

Know and talk about the different factors that support their overall health and wellbeing: - regular physical activity - healthy eating - tooth brushing - sensible amounts of 'screen time' - having a good sleep routine - being a safe pedestrian

Early learning Goals: 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.

Nursery Cycle 2 Understanding World – Science 2024– 2025		
Autumn	Spring	Summer
<p>All About Me</p> <ul style="list-style-type: none"> - Our Bodies, healthy eating/ practices and dental hygiene including Oliver’s Vegetables and Oliver’s fruit salad. - Exploring materials - Exploring our senses through materials. <p>Seasons and Changes</p> <ul style="list-style-type: none"> - Seasonal changes in the environment. <p>Traditional Fairy Tales</p> <ul style="list-style-type: none"> - Changes in state – linked with traditional fairy tales and food including Goldilocks (porridge). 	<p>Toys</p> <ul style="list-style-type: none"> - Forces... toys that push/ pull and how toys work. <p>Books to support learning include The paper dolls, Terrific Toys.</p> <p>Seasons and Changes</p> <ul style="list-style-type: none"> - Seasonal changes in the environment. - 	<p>Mini-beasts and living things</p> <ul style="list-style-type: none"> - What things need to be alive, life cycles (plants and flowers) - Growing vegetables and plants in outside area. - Books to support Learning include Hungry Caterpillar, What a wonderful world. <p>Our Community - People who help us</p> <ul style="list-style-type: none"> - Water, electricity and fire safety <p>Seasons and Changes</p> <ul style="list-style-type: none"> - Seasonal changes in the environment.
Reception Cycle 2 Understanding World – Science 2024 – 2025		
Autumn	Spring	Summer
<p>All About Me</p> <ul style="list-style-type: none"> - Exploring materials – plastic, wood, metal etc. - Exploring our senses through materials e.g. light & dark, sound, textures etc. - Our Bodies, healthy eating/ practices and dental hygiene including Oliver’s Vegetables and Oliver’s fruit salad. <p><u>Traditional Fairy tales</u></p> <ul style="list-style-type: none"> - Changes in state – linked with traditional tales and food including the Little Red Hen. - Seasonal changes in the environment. <p>Books to support learning will include Leaf Man</p>	<p><u>Toys – Forces</u></p> <ul style="list-style-type: none"> - Experiment with toys that you push and pull. <p><u>Our Wonderful World</u></p> <ul style="list-style-type: none"> - Seasonal change – looking at signs of spring and woodland learning. 	<p><u>Minibeasts and Living Things</u></p> <ul style="list-style-type: none"> - Investigate living creatures and plants. - Looking at growth and life cycles. <p><u>Our Community</u></p> <ul style="list-style-type: none"> - People who help us – fire safety and water safety.