

EYFS Curriculum

Science

Reception

4-5 years	Autumn 1 curriculum
<p><i>I can explore the natural world around me.</i></p> <p><i>I can describe what I see, hear and feel when outside.</i></p>	<p>Understanding the world- Animals (including humans)</p> <p>Exploring senses: Children to take part in a range of activities to learn more about seeing, hearing, smelling, tasting, touching.</p> <p>Seeing and hearing: Going outside and around the school to talk about what the children can see/ hear in the different spaces. What is same/ not the same? Has anything changed since this morning? When can we see/ hear best?</p> <p>Smelling: Give children the opportunity to smell a range of different food items and describe them. Can they sort these items based on the smells?</p> <p>Tasting: complete a food tasting with the children linked to healthy eating focus. What foods do they like and not like? Can they find a food that is sweet? Which part of our body do we use to taste?</p> <p>Touching: Children to look for items around the classroom and in the outdoor spaces and be supported in describing how they feel. What is the same/ not the same about these items?</p> <p>Key vocabulary: same, not the same, change, see, hear, taste, touch, smell, sweet, salty, soft, hard, rough, smooth, spikey.</p> <p>Key text: <i>My body, your body, Senses</i> by John Wood and Danielle Jones.</p> <p>Key text: <i>Polar bear, Polar bear, what do you hear?</i> By Eric Carle.</p> <p>Role play area to include objects with a range of different textures to describe.</p> <p>Understanding the world- Animals (including humans)</p> <p>Personal, Social and Emotional development</p> <p>Explore healthy eating with the children:</p>

I know and can talk about the different factors that support my overall health and wellbeing:

- *Regular physical exercise*
- *Healthy eating*
- *Toothbrushing*
- *Sensible amounts of 'screen time'*
- *Having a good sleep routine*

I can explore the natural world around me.

I can describe what I see, hear and feel when outside.

- What have they got in their lunchbox? What do they have for dinner?
- Which of these foods are healthy/ unhealthy? Why do they think this? Sort these foods.
- What does it mean to be healthy?
- To be healthy, what types of foods should you eat?

Children to use role play and stories to enhance their understanding of healthy eating.

Key vocabulary: healthy, unhealthy.

Role play area to include examples of healthy food to 'cook' with.

Understanding the world- Plants

Explore the outdoor areas with the children to look at the plants:

- What plants can you see growing?
- Can you name any of these? Can you name the parts of these?
- Can you draw your favourite plant and tell me about this?
- Look at the plants in this different area. How are they similar/ different?
- What can we do to help these plants to grow?

Children to work with the gardener to plant bulbs to study in the Spring term.

- What do you think these are?
- What will happen next? When do you think it will happen?

Key vocabulary: plant, flower, fruit, leaf, soil, water, sun, bulb, daffodil, tulip.

Understanding the world- Seasonal Change

Children to spend time exploring and describing outdoor spaces. What can they see, hear, smell, touch?

Summer/ Autumn Walks- children to collect items from around the outdoor spaces to inspect as a group.

I can explore the natural world around me.

I can recognise some environments that are different to the one in which they live.

I understand the effect of changing seasons on the natural world around me.

I can describe what I see, hear and feel when outside.

I can explore the natural world around me.

I can show resilience and perseverance in the face of challenge.

Discussing the weather and appropriate clothing for the winter.

Key questions:

- What do the plants and trees look like at the moment? What do they look like?
- Do you think they will stay like this or change? What will they change to look like?
- Can you draw what you can see outside? Can you draw it in a different weather? Tell me about the differences.
- How is the weather different today? Can you describe what we might see if we went outside in this weather?
- What is the name of this season?

Key vocabulary: Summer, Autumn, months, weather, rain, light, dark, change, similar, different, observe, seasons.

Role play area: to include season-appropriate clothing.