



Prior Knowledge in Nursery

Understand 'why' questions, like: "Why do you think the caterpillar got sofat?"
 Make healthy choices about food, drink, activity and toothbrushing.
 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.

Reception Statements

Ask questions to find out more and to check what has been said to them.
 Articulate their ideas and thoughts in well-formed sentences.
 Use talk to help work out problems and organise thinking and activities, and to explain how things work and why they might happen.
 Use new vocabulary in different contexts.
 Know and talk about the different factors that support their overall health and wellbeing'
 Explore the natural world around them.
 Describe what they see, hear and feel while they are 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.

Early Learning Goals

Make comments about what they have heard and ask questions to clarify their understanding.
 Manage their own basic hygiene and personal needs, including dressing, going to the toilet and understanding the importance of healthy food choices.
 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 ofmatter.



Autumn Term - Natural World
Changing states of matter and Seasons
 Ice Jack Frost Science Day

Natural world
 Life cycles Seasons Aut/Winter Investigate
 fruits/veg using senses

Spring Term - Seasons – Spring

Summer Term - Growing
 Talk about their own experiences of growing-
 themselves, their hair, plants, gardens
 Find out about animals growing
 Link Jack and the Beanstalk to growing beans
 Understand basic understanding of how plants grow
 and what they need to grow

Summer Term - Seasons
 Reflect on the different seasons experienced during
 Reception
 Recall facts; names of seasons, features of seasons

Vocabulary

Plants- seed, roots, shoots, leaves, stem, fruit, flowers

Animals incl humans - Alive , Animal, Food, Unwell,
 Smell, Touch, Hear, Taste, See , Senses, names of
 body parts

Materials – Touch, Shiny, Hard, Rough

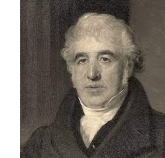
Seasonal Changes – Weather, Seasons, sun, wind,
 rain, snow, ice, frost, hot, cold, warm,

EQUIPMENT

Text books/picture books fruits vegetables
 flowers plants beans
 Magnifying glasses dishes magnetic materials
 Water equipment, pipes, boats
 A variety of different materials – card, fabric, paper,
 wool, sand paper, cotton wool, felt,

SCIENTISTS & TRIPS

Scientist Charles Mackintosh- the raincoat



A Local Allotment Visit

