

What Science looks like in EYFS

Development Matters 3&4 Yr Olds - Nursery

Understand 'why' questions,

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

Development Matters - Reception

Learn new vocabulary. · Ask questions to find out more and to check what has been said to them. · Articulate their ideas and thoughts in well-formed sentences. · Describe events in some detail. · 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 Goal - The 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.

How is it taught at Tadpole?

Weekly Investigators Activity (Enhanced Provision) linked to SNAP
Science Scheme - Science floor book/Tapestry
Exploring natural environment - Regular welly walks
Minibeast hunts, Life cycles, growing plants and flowers
Sensory Play, Drain pipe/water play - floating and sinking
How things work
Being safe - electricity, out and about, water safety
Weekly Season Topic focus
Daily Weather, books videos, investigations

Entering KS1 Children will be able to...

Explore the natural world around them
Make simple predictions about why something might happen/change
Talk about the seasons
Talk about and sort animals - habitats, characteristics
Explore scientific concepts through play - forces, states
Ask how and why questions to deepen their knowledge
Make observations