



Science in the Foundation Stage:

ELG: The Natural world

Children at the expected level of development will:

- 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.

At Stokesley Primary Academy children are taught:

- How to develop a curiosity about the world around them;
- To care and respect the natural world;
- To observe and talk about change

Links to the National Curriculum	2 year olds learn to:	Nursery learn to:	Reception learn to:
Animals including humans Plants	<ul style="list-style-type: none"> ▪ Repeat actions that have an effect. ▪ Explore materials with different properties. ▪ Explore and respond to different natural phenomena. ▪ Explore the natural world around them. ▪ Use all senses in hands on exploration of natural materials and through messy play. 	<ul style="list-style-type: none"> ▪ Use all 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. ▪ Understand simple questions about 'who', 'what' , 'where' and 'why'. 	<ul style="list-style-type: none"> ▪ Recognise, name and describe some plants and animals. ▪ Name body parts. ▪ Observe and draw pictures of the natural world, including animals and plants. ▪ Plant seeds and care for growing plants. ▪ Naming what plants need to survive. ▪ Understand the key features of the life cycle of a plant and an animal.

Links to the National Curriculum	2 year olds learn to:	Nursery children learn to:	Reception children learn to:
Living things and their habitats	<ul style="list-style-type: none"> ▪ Describe what they see, hear and feel whilst outside. ▪ Understand simple questions about 'who', 'what' and 'where'. ▪ Listen to simple stories and understand what is happening, with the help of the pictures. ▪ Repeat words and phrases from familiar stories. Ask questions about the book. ▪ Makes comments and shares their own ideas. 	<ul style="list-style-type: none"> ▪ Describe what they see, hear and feel whilst outside. ▪ Enjoy listening to longer stories and can remember much of what happen. ▪ Know many rhymes and be able to talk about familiar books. ▪ Engage in extended conversations about stories, learning new vocabulary. ▪ Makes comments and shares their own ideas. ▪ Plant seeds and care for growing plants. ▪ Naming what plants need to survive. ▪ Begin to understand the need to respect and care for the natural environment and all living things. ▪ Explore how things work 	<ul style="list-style-type: none"> ▪ Begin to understand the need to respect and care for the natural world around us. ▪ Sing songs and join in with rhymes and poems about the natural world.
Seasonal changes			<ul style="list-style-type: none"> ▪ Understand the effect of changing seasons on the natural world around them. ▪ Note and record the weather. ▪ Share stories and rhymes about the changing seasons. ▪ Observe how animals behave differently as the seasons change.
Everyday materials			<ul style="list-style-type: none"> ▪ Touch smell and hear the natural world around them during hands-on experiences. ▪ Talk about the differences between materials and changes they notice. ▪ Observe and interact with natural processes, such as ice melting. ▪ Explore how things work
Sound			<ul style="list-style-type: none"> ▪ Hear the natural world around them during hands-on experiences.
Forces			<ul style="list-style-type: none"> ▪ Explores and talks about forces (Pushes and pulls)