

Science Progression Grid Reception

Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<p>Objectives for the year Using The EYFS Framework, Development Matters and Twinkl phonics planning, Science is introduced indirectly through activities that encourage every child to explore, problem solve, observe, predict, think, make decisions and talk about the world around them. During their first years at school our children will explore creatures, people, plants and objects in their natural environments.</p>					
All about me	Celebrations and festivals	People who help us	Brilliant books	Growing	Wonderful world
Minimum vocabulary shown in bold			Minimum learning is highlighted in yellow		
What children will know and remember					
To know what things we can do to keep our bodies healthy - (exercise, sleep, water, food, hygiene)	To know what the weather is.	To know that some people have jobs to help people/living things stay alive and healthy. (doctor, paramedic, nurse, dentist, vet)	To know that some books can be set in a natural world. (we're going on a bear hunt is set in the woods)	To know how to plant a seed .	To know how to describe what they hear, feel, smell and see when they are outside.
To know some body parts – head, arms, legs, feet, hands, eyes, nose, mouth	To know that the weather changes in different seasons.	To know what a hospital is. To know what a doctor surgery is.	To know the difference between natural and man-made.	To know how to look after a plant - that plants need water and light and oxygen .	To know that we live in England. To know that there are differences and similarities between England and another country. (weather, environment, population, way of life, occupations)
To know the life cycle of a human. (baby, toddler, child, teenager, adult, elderly)	To know that we have 4 seasons and describe how the environment changes in these seasons – Winter, Spring, Summer, Autumn	To know that some procedures take part in a hospital. (x-ray on bones , stethoscope to listen to the heart)	To know which animals inhabit which parts of our natural world –eg fish live in the sea, owls live in the woods.	To know the parts of a plant. (roots, stem, leaves, petals, flower)	To know different types of weather. (sun, cloud, rain, wind, hail, snow)
To know that a child is part way through a life cycle.		To know some organs of the body. (brain, heart, lungs, stomach)	To know the names of wild animals in the UK. (owl, fox, mouse, badger, deer, squirrel, hare)	To know that all living things grow over time. To know the life cycle of a butterfly, frog and sunflower.	To know that the temperature means how hot or cold something is.
			To know that a habitat is where a plant or animal lives.	To know the names of some mini-beasts and identify their habitats.	To know that the temperature is part of the weather and can change across the different seasons.

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 of matter.