

# Core Skills EYFS Science



Behaviour	Attitude	Skills	Knowledge	Experience	Technology	Sustained
<p>Children are curious and want to ask about what things are.</p> <p>They can work collaboratively in a group on a simple task, with adult guidance.</p>	<p>Children explore and respond to different natural phenomena in their classroom setting and beyond.</p> <p>They ask questions using what, why, how?</p> <p>They begin to use a system of trial and error.</p> <p>Children discover the natural world using hands-on exploration.</p> <p>They explore and are interested in how things work.</p>	<p>Children use all of their senses to explore natural materials.</p> <p>They explore and talk about natural things going on around them (eg noticing the weather).</p> <p>They begin to make observations and draw pictures.</p> <p>Children explore and talk about the similarities and differences between collections of materials.</p> <p>They talk about what they see, using a wide vocabulary.</p> <p>Children explore and talk about different forces they can feel.</p>	<p>Children begin to talk about the differences between materials and changes they notice.</p> <p>They begin to understand the key features of the life cycle of a plant and an animal.</p> <p>Children begin to understand the need to respect and care for the natural environment and all living things.</p> <p>They know that we have to be careful with animals and plants and remember not to pick the flowers or to stroke animals gently.</p> <p>Children talk about plants and animals that interest them: <i>next door's dog that barks and the really tall tree in the park.</i></p> <p>They understand the key features of the life cycle of a plant and an animal.</p> <p>Children begin to notice changes in things (eg when bananas turn black when they stay in the bowl for too long or the shoots growing from a seed.)</p> <p>They understand some important processes and changes in the natural world around them, including the effect of the changing seasons.</p>	<p>Forest School - woodland animals, minibeasts, plants, trees, growing, seasons.</p> <p>Seasonal and nature walks around the camp.</p> <p>Planting seeds and caring for growing plants.</p> <p>Butterfly Life Cycle - Insect Lore.</p> <p>Pond Dipping, including creating an ovium for tadpoles from the school pond.</p> <p>Visiting the camp play park visit to explore forces.</p> <p>Visiting the allotment on camp to discuss plant growth.</p> <p>The 'Little Zoo' visit.</p> <p>Visit to farm/aquarium in the summer term.</p> <p>Whole school Science/STEM week.</p> <p>Whole school environment Week</p> <p>Cooking</p>	<p>Take photos of seasonal changes and observations of the natural world.</p> <p>Watch videos on CBeebies (Come Outside) on scientific themes.</p> <p>Recording devices (school iPad) for recording animal noises, bird sounds.</p>	<p>Children are curious and inquisitive and want to find out more.</p> <p>They ask questions to further their thinking.</p> <p>Children make links and connect their own experiences to lesson topics.</p> <p>They know that their world needs to be cared for.</p> <p>Children make links between their class charter and how scientists must behave.</p> <p>They can name some ways to keep healthy and look after themselves.</p>