



EYFS Curriculum Subject – Science

National Curriculum Subject	Link to EYFS Curriculum	Where you might see your subject.
Science	<p>Understanding the world <u>ELG The Natural World</u></p> <ul style="list-style-type: none">• 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	<p>Science is entwined across the Early Years curriculum.</p> <p>Taught: Skills of research (finding information from the internet/books/photos) are taught across the curriculum.</p> <ul style="list-style-type: none">• Exploration and discussion of how our environment changes with different seasons and weathers.• Exploring how humans change over time, lifecycle of an animal/changes over time and how a plant grows and changes.• Investigating different states such as melting/freezing ice, turning jelly from liquid to solid, cooking, sand (wet/dry). <p>Provision: Provision focussed around the project being taught. Literacy focus texts link to this where possible too, which also forms a big part of the provision. Children have access to research equipment such as information books, magnifying glasses, iPads, and photos within their play. Use of these is modelled and use of these skills is celebrated. Children are encouraged to ask questions about their environments – teachers think aloud and model investigating to find the answer. High-quality interactions support and extend the children's knowledge and understanding. We explore our outdoor environment in all weathers and provide resources for children to explore the different weathers and how the environment is different (e.g., paints/chalks in the rain, exploring ice, making kites and bubbles in the wind, shadow drawing in the sun, planting and growing).</p> <p>Skills:</p> <ul style="list-style-type: none">- Research skills – finding information from the internet, books and photos.- Prediction skills – making predictions about what may happen and finding out if we are right.- Investigation skills- performing simple tasks.- Observation skills- observing closely using simple equipment.- Recording and discussion skills- Asking and answering questions. Begin to gather and record DATA. <p>Vocabulary: comparison (same, different, similar), time (then, now, before, after, next). Seasons, months, sun, moon, day, night, dark, light, weather, names of human and animal body parts, herbivore, omnivore, carnivore, parts of plants and flowers, materials and their properties e.g., shiny, fabric, smooth, rough. Planet names, star, space, gravity, loud, quiet, volume, sound.</p>