## Early Years Foundation Stage Areas of Learning

Understanding The World (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.

	Reception Class Science Links
Animals	<ul> <li>Name and describe animals that live in different habitats</li> <li>Describe different habitats</li> </ul>
Humans	<ul> <li>Describe people who are familiar to them</li> <li>Learn about how to take care of themselves</li> </ul>
Living things and their habitats	<ul> <li>Explore the plants in the surrounding natural environment</li> <li>Explore the animals in the surrounding natural environment</li> <li>Explore plants and animals in a contrasting natural environment</li> </ul>
Seasonal changes	<ul> <li>Play and explore outside in all seasons and in different weather</li> <li>Observe living things throughout the year</li> </ul>
Materials, including changing materials	<ul> <li>Explore a range of materials, including natural materials</li> <li>Make objects from different materials, including natural materials</li> <li>Observe, measure and record how materials change when heated</li> <li>and cooled</li> <li>Compare how materials change over time and in different conditions</li> </ul>
Light	<ul> <li>Explore shadows</li> <li>Explore rainbows</li> </ul>
Forces	<ul> <li>Explore how to change how things work</li> <li>Explore how the wind can move objects</li> <li>Explore how objects move in water</li> </ul>
Sound	<ul> <li>Listen to sounds outside and identify the source</li> <li>Make sounds</li> </ul>
Earth and space	<ul> <li>Learn about the Solar System and stars</li> <li>Learn about space trave</li> </ul>