

Year Group - Nursery

Long Term Science Overview

Period Taught (Half term/number of weeks etc.)	Unit/Topic To Be Taught	Key Areas Covered within Unit/Topic Main Objectives
Autumn 1	Favourite Stories / Settling In	<ul style="list-style-type: none"><li>• Observe weather changes - to introduce and complete daily weather charts</li><li>• Fizzy caldrons (link to Room on the Broom)</li><li>• Chocolate nests (link to Owl Babies)</li><li>• Owl nests.</li></ul>
Autumn 2	Autumn / Celebrations	<ul style="list-style-type: none"><li>• Autumn weather- to observe the weather in autumn (daily weather charts).</li><li>• Autumn walk- to identify signs of autumn, collecting leaves, conkers and exploring the environment. Use items collected during CP and focused activities. To describe what they see, hear and feel whilst outside.</li><li>• Planting spring bulbs - to plant seeds and care for growing plants.</li><li>• Exploring ice - to focus on the changes that occur over time as the ice melts.</li><li>• Colour mixing - to explore colour and colour mixing.</li><li>• Bird feeders.</li></ul>
Spring 1	Under the sea	<ul style="list-style-type: none"><li>• Observe seasonal changes -to understand the effect of changing seasons on the natural world around them.</li><li>• Ocean creatures - to recognise that some environments are different from the one in which they live.</li></ul>

		<ul style="list-style-type: none"> <li>• Exploring ice (freezing frozen sea creatures) - to talk about the differences between materials and the changes they notice.</li> </ul>
Spring 2	Superheroes	<ul style="list-style-type: none"> <li>• Superhero fountain - to observe reactions</li> <li>• Magnetic superhero scene - to explore and talk about different forces that they can feel.</li> <li>• Explore elasticity</li> </ul>
Summer 1	Space / People that help us	<ul style="list-style-type: none"> <li>• Seasonal weather (summer) - observing the weather in summer and gathering and recording data.</li> <li>• To show interest in different occupations</li> <li>• Important people - to name and describe people that are important e.g. police, nurses, firefighters. To recognise that different people have different jobs and roles.</li> </ul>
Summer 2	The natural world/ Our Bodies	<ul style="list-style-type: none"> <li>• Observe weather changes - to complete daily weather chart.</li> <li>• Farm visit - to observe different animals, looking at their key features, habitats and how to care for different animals.</li> <li>• Observations of real animals - to begin to understand the need to respect and care for the natural environment and all living things.</li> <li>• The life cycle of a hen - to understand the key features of the life cycle of plants and animals.</li> <li>• Floating and sinking - to talk about what they see, exploring different materials with similar and/or different properties.</li> </ul>