



## Summary of Science in EYFS

Topic	Nursery	Reception
<b>Animals, excluding humans</b>	<ul style="list-style-type: none"> <li>Learn about the life cycles of animals</li> <li>Compare adult animals to their babies</li> <li>Observe how baby animals change over time</li> </ul>	<ul style="list-style-type: none"> <li>Name and describe animals that live in different habitats.</li> <li>Describe different habitats</li> </ul>
<b>Humans</b>	<ul style="list-style-type: none"> <li>Learn about the life cycles of humans</li> <li>Learn about how to take care of themselves</li> <li>Learn about their senses</li> </ul>	<ul style="list-style-type: none"> <li>Describe people who are familiar to them</li> <li>Learn about how to take care of themselves</li> </ul>
<b>Living things and their habitats</b>	<ul style="list-style-type: none"> <li>Explore the surrounding natural environment</li> <li>Explore natural objects from the surrounding environment</li> </ul>	<ul style="list-style-type: none"> <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>
<b>Plants</b>	<ul style="list-style-type: none"> <li>Grow plants</li> </ul>	
<b>Seasonal changes</b>		<ul style="list-style-type: none"> <li>Play and explore outside in all seasons and in different weather</li> <li>Observe living things throughout the year</li> </ul>
<b>Materials, including changing materials</b>	<ul style="list-style-type: none"> <li>Explore a range of materials</li> <li>Shape and join materials</li> <li>Combine and mix ingredients</li> <li>Change materials by heating and cooling, including cooking</li> </ul>	<ul style="list-style-type: none"> <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 and cooled</li> <li>Compare how materials change over time and in different conditions</li> </ul>
<b>Electricity</b>	<ul style="list-style-type: none"> <li>Identify electrical devices</li> <li>Use battery-powered devices</li> </ul>	
<b>Light</b>	<ul style="list-style-type: none"> <li>Explore light sources</li> <li>Shine light on or through different materials</li> </ul>	<ul style="list-style-type: none"> <li>Explore shadows</li> <li>Explore rainbows</li> </ul>
<b>Forces</b>	<ul style="list-style-type: none"> <li>Feel forces</li> <li>Explore how things work</li> <li>Explore how objects/materials are affected by forces</li> </ul>	<ul style="list-style-type: none"> <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>
<b>Sound</b>	<ul style="list-style-type: none"> <li>Listen to sounds</li> <li>Make sounds</li> </ul>	<ul style="list-style-type: none"> <li>Listen to sounds outside and identify the source</li> <li>Make sounds</li> </ul>
<b>Earth and space</b>		<ul style="list-style-type: none"> <li>Learn about the Earth, Sun, Moon, planets and stars</li> <li>Learn about space travel</li> </ul>