



Science Skills Progression – Nursery to Reception

0-3	3-4	Reception	ELG
<p>Repeat actions that have an effect.</p> <ul style="list-style-type: none"> • Explore materials with different properties. • Explore natural materials, indoors and outside. • Explore and respond to different natural phenomena in their setting and on trips. • Make connections between the features of their family and other families. • Notice differences between people 	<p>Use all their senses in hands-on exploration of natural materials.</p> <ul style="list-style-type: none"> • Explore collections of materials with similar and/or different properties. • Talk about the differences between materials. <p>Show interest in different occupations.</p> <ul style="list-style-type: none"> • Explore how things work. • Begin to understand the need to respect and care for the natural environment and all living things. • Talk about the differences between changes they notice, for example: seasons, growth and decay. • Continue to develop positive attitudes about the differences between people. <p>Plant seeds and care for growing plants.</p> <p>Talk about what they see, using a wide vocabulary.</p> <ul style="list-style-type: none"> • Begin to make sense of their own life-story and family's history. • Understand the key features of the life cycle of a plant and an animal. • Explore and talk about different forces they can feel. • Know that there are different countries in the world and talk about the differences they have experienced or seen in photos. 	<ul style="list-style-type: none"> • Talk about members of their immediate family and community. • Name and describe people who are familiar to them. • Comment on images of familiar situations in the past. • Draw information from a simple map. • Understand that some places are special to members of their community. • Explore the natural world around them. • Describe what they see, hear and feel whilst outside. • Compare and contrast characters from stories, including figures from the past. • Recognise that people have different beliefs and celebrate special times in different ways. • Recognise some similarities and differences between life in this country and life in other countries. • Recognise some environments that are different to the one in which they live. • Understand the effect of changing seasons on the natural world around them. 	<p>Past and Present</p> <ul style="list-style-type: none"> • Talk about the lives of the people around them and their roles in society. • Know some similarities and differences between things in the past and now, drawing on their experiences and what has been read in class. • Understand the past through settings, characters and events encountered in books read in class and storytelling. <p>People,</p> <p>Culture and Communities</p> <ul style="list-style-type: none"> • Describe their immediate environment using knowledge from observation, discussion, stories, non-fiction texts and maps. • Know some similarities and differences between different religious and cultural communities in this country, drawing on their experiences and what has been read in class. • Explain some similarities and differences between life in this country and life in other countries, drawing on knowledge from stories, non-fiction texts and (when appropriate) maps. <p>The Natural World</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.