

# Science



<p><b>Key Stage1</b> <b>Yellow</b> <b>highlighting</b> <b>indicates</b> <b>catch-up</b> <b>focus</b></p>	<p>Big Picture: <b>Seasonal Change</b></p>		<p><b>Resources</b></p>
<p><b>Science skills</b> Developed through:</p> <ul style="list-style-type: none"> <li>asking simple questions and recognising that they can be answered in different ways</li> <li>observing closely, using simple equipment</li> <li>performing simple tests</li> <li>identifying and classifying</li> <li>using their observations and ideas to suggest answers to questions</li> <li>gathering and recording data to help in answering questions.</li> </ul>	<p><b>Read and spell vocabulary:</b></p> <p><b>Scientific vocabulary:</b> observe, describe, compare, similar, different, differences, patterns, gather,</p> <p><b>Topic specific vocabulary:</b> weather (sunny, rainy, windy, snowy etc.), seasons (winter, summer, spring, autumn), sun, sunrise, sunset, day length, hours,</p> <p><b>What we want children to know:</b></p> <ul style="list-style-type: none"> <li>Observe changes across the four seasons</li> <li>Observe and describe weather associated with the seasons and how day length varies.</li> </ul> <p>Science skills to be developed:</p> <ul style="list-style-type: none"> <li>Collect information about the weather regularly throughout the year</li> <li>Present this information in table and charts to compare the weather across the seasons</li> <li>Collect information, regularly throughout the year, of features that change with the seasons e.g. plants, animals, humans</li> <li>Present this information in different ways to compare the seasons</li> <li>Gather data about day length regularly throughout the year and present this to compare the seasons</li> </ul> <p>Possible evidence:</p> <p><b>Shows understanding of a concept using scientific vocabulary correctly</b></p> <ul style="list-style-type: none"> <li>Name the four seasons and identify when in the year they occur.</li> <li>Describe weather in different seasons over a year.</li> <li>Describe days as being longer (in time) in the summer and shorter in the winter.</li> <li>Describe other features that change through the year</li> </ul> <p><b>Applying knowledge in familiar related contexts, including a range of enquiries:</b></p> <ul style="list-style-type: none"> <li>Use evidence gathered to describe the general types of weather and changes in day length over the seasons.</li> <li>Use evidence to describe some other features of their surroundings, themselves, animals, plants that change over the seasons</li> <li>Demonstrate their knowledge in different ways e.g. making a weather forecast video, writing seasonal poetry, creating seasonal artwork</li> </ul>		<p>Wellies</p> <p>Buckets/ containers to collect seasonal evidence</p>