



NC OBJECTIVES	KEY KNOWLEDGE AND VOCABULARY
<ul style="list-style-type: none"> <li>• Observe changes across the four seasons</li> <li>• Observe and describe weather associated with the seasons</li> <li>• Observe and describe how day length varies</li> <li>• Learn about the dangers of looking directly at the sun, even when wearing dark glasses</li> </ul> <p><u>Working scientifically</u></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>	<ul style="list-style-type: none"> <li>• Know that the seasons change</li> <li>• Know that the UK has 4 <b>seasons</b> – <b>Autumn</b> (September to November), <b>Winter</b> (December to February), <b>Spring</b> (March to May) and <b>Summer</b> (June to August)</li> <li>• Know that the seasons are caused because of the earth tilting on its yearly journey around the sun</li> <li>• Know that when the earth is leaning towards the sun it is summer and 6 <b>months</b> later when it leans away it is winter</li> <li>• Know that the <b>temperature</b> changes and is how <b>hot</b> or <b>cold</b> it is</li> <li>• Know what the <b>weather</b> in the UK in each season is generally like</li> <li>• Know that in Autumn, the days get shorter and there is less sunlight. This is because the sun is further away from the <b>Northern Hemisphere</b>. During this time it will be Spring in the <b>Southern Hemisphere</b></li> <li>• Know that in Autumn, the days start to get colder because of the <b>sunlight</b> being <b>weaker</b>.</li> <li>• Know that in Autumn, leaves start to turn bright colours and fall off the trees and animals begin storing food for the winter</li> <li>• Know that in Winter, the days get even shorter and colder and there are less hours of <b>daylight</b>.</li> <li>• Know that during Winter, all leaves fall off the trees and some animals have to <b>adapt</b> to <b>survive</b></li> <li>• Know that in Spring, leaves start to grow back onto the trees and flowers begin to grow. The days start to get longer as the sunlight is becoming <b>stronger</b>.</li> <li>• Know that in Summer the days are longer and the days are the longest and hottest.</li> <li>• Know that there are dangers when looking directly at the sun</li> <li>• Know how to stay safe in the sunshine</li> <li>• Know what people should wear for different seasons and weather conditions</li> <li>• Know how animals are affected by the different seasons</li> <li>• <b>Observe daily</b> weather around the school and comment on <b>patterns</b> identified</li> <li>• Use <b>equipment</b> to measure <b>temperature</b>, <b>rainfall</b> and <b>wind speed</b></li> <li>• Know what is meant by <b>wind</b>, <b>rain</b>, <b>snow</b>, <b>hail</b>, <b>sleet</b>, <b>sun</b>, <b>hot</b>, <b>warm</b> and <b>cold</b></li> </ul>