

## Russell Lower School Science MTP

### Year 1 Autumn 2 – seasonal change

Session/Unit	Key Learning (Knowledge learnt – Composite)	Key knowledge (Components)	Teaching sequence overview
1	<p>To find out about different seasons and how to describe them.</p> <p>To find out about Autumn and how it is different to the other seasons.</p>	<p>To know there are four seasons and their names.</p> <p>To know which months fall in which season.</p> <p>To know that in the autumn:</p> <ul style="list-style-type: none"> <li>● the weather is usually a bit chilly</li> <li>● the temperature around the UK drops, especially in the evening and at night and the nights get darker</li> <li>● there is usually more rain than during the summer and it can be foggy</li> </ul> <p>To know that in Autumn we might see:</p> <ul style="list-style-type: none"> <li>● fruits and vegetables harvested.</li> <li>● conkers</li> <li>● colourful leaves</li> <li>● leaves falling off trees.</li> </ul>	<p>See lynx files/Plan Bee resources</p> <p>Autumn walk</p>
2	<p>To find out about how animals including humans are affected by the seasons.</p>	<p>To know that some animals:</p> <ul style="list-style-type: none"> <li>● hibernate during Winter.</li> <li>● make nests to sleep in</li> <li>● store or eat food before the winter months.</li> </ul> <p>To know that animals such as hedgehogs, bats, squirrels, bees and frogs hibernate in Winter.</p> <p>To know that humans adapt their clothing for each season.</p> <p>To know which types of clothes humans wear in all four seasons.</p>	<p>See lynx files/Plan Bee resources</p>
3	<p>To observe and describe weather associated with the seasons and how day length varies.</p>	<p>To know the names of all four seasons.</p> <p>To know that each season is 3 months long and which months are in each season.</p> <p>To know that in Winter there are less daylight hours and in Summer there are more daylight hours.</p>	<p>See lynx files/Plan Bee resources</p> <p>Seasons Wheel</p>
4	<p>To investigate the weather during the seasons.</p>	<p>To know that in:</p> <ul style="list-style-type: none"> <li>● Spring the weather starts to warm up.</li> <li>● Summer the weather is usually very warm and sunny.</li> </ul>	<p>See lynx files/Plan Bee resources</p> <p>Pictogram investigation</p>

		<ul style="list-style-type: none"> <li>• Autumn the weather starts to turn cooler and there is often a lot of rain.</li> <li>• Winter is usually very cold. There may be snow and icy conditions.</li> </ul> <p>To know how to gather data about the weather and present it as a pictogram (links to Maths).</p>	
5	<p>To find out about different seasons and how to describe them.</p> <p>To find out about Winter and how it is different to the other seasons.</p>	<p>To know there are four seasons and their names.</p> <p>To know which months fall in which season.</p> <p>To know that in the Winter:</p> <ul style="list-style-type: none"> <li>• the weather is usually a cold or freezing.</li> <li>• the temperature around the UK drops, especially in the evening and at night and the nights get darker</li> </ul> <p>To know that in Winter we might see:</p> <ul style="list-style-type: none"> <li>• snow</li> <li>• ice</li> <li>• less animals and plants</li> <li>• bare deciduous trees</li> </ul>	<p>See lynx files/Plan Bee resources Winter walk</p>