

Term	Working Scientifically	Learning Intentions
Autumn 1 Seasons	<p>K+U skills: • know about similarities and differences in relation to places and living things.</p> <ul style="list-style-type: none"> • talk about the features of their own immediate environment and how environments might vary from one another. <p>What can we find growing/ living in the school grounds (Reception outdoor area and school woodlands). This continues all year round.</p>	<p>-Ask 'why' and 'how' questions whilst exploring the natural world around them,</p> <p>To point at and describe different plants that grow in the different parts of our school grounds - including the woodland area</p> <p>To experience the different textures and smells of these plants e.g. crayon rubbing, pressing into playdoh, adding herb leaves to mud kitchen cooking!!</p>
Autumn 2 Seasons Ourselves	<p>K+U skills: • know about similarities and differences in relation to places and living things.</p> <ul style="list-style-type: none"> • talk about the features of their own immediate environment and how environments might vary from one another. • know the importance for good health of physical exercise and a healthy diet and talk about ways to keep healthy and safe <p>Ourselves - e.g. eye colour, finger prints - fits in with Heart Smart</p>	<p>Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.</p> <p>To notice changes e.g. in the woodland area - e.g. leaves coming down e.g. jump into leaf piles, leaf rubbings, decorate class tree with autumn leaf rubbings, play with seeds e.g. conker, acorns, sycamore keys</p>

Spring 1 Weather	K+U skills:	
	<ul style="list-style-type: none"> • Weather • Investigating ice. • Which clothes do we need to wear & why (also discussed all year round) 	
	Talk about their observations and draw pictures of: animals and plants; materials that change (e.g. ice to water)	To discover and describe ice, frost, hail, snow as the environment allows. To melt ice and observe it as it melts. To melt food items e.g. chocolate as part of cooking, soften fat whilst making bird feeders
Spring 2 Plants Seasons	K+U skills: • Explore the natural world around them, making observations and drawing pictures of plants	
	<ul style="list-style-type: none"> • know about similarities and differences in relation to places and living things. • talk about the features of their own immediate environment and how environments might vary from one another. Planting seeds - links with dance. Signs of spring	
	Understand some important processes and changes in the natural world around them, including the seasons and changing states of matter.	To describe what a seed needs to grow (plant and water it, place it in the sunlight) To describe how a seed grows (draw it, represent it through dance)
Summer 1 Birds	K+U skills: • Explore the natural world around them, making observations and drawing pictures of animals	
	Birds (Including owls on the wildlife Trust's webcam), Literacy link "Owl Babies"	
	Talk about some similarities and differences between the natural world around them and contrasting environments (drawing on their experiences and what	

	has been read in class.)	
Summer 2 Minibeasts	<p>K+U skills: • Explore the natural world around them, making observations and drawing pictures of animals</p> <p>• talk about the features of their own immediate environment and how environments might vary from one another.</p> <p>Minibeasts all around the school grounds & in books.</p>	
	<p>Talk about some similarities and differences between the natural world around them and contrasting environments (drawing on their experiences and what has been read in class.)</p> <p>Offer explanations</p>	