

Year Group 1

Long Term Science Overview



Period Taught (Half term/number of weeks etc.)	Unit/Topic To Be Taught	Key Areas Covered within Unit/Topic Main Objectives
Autumn 1	Animals	<ul style="list-style-type: none"><li>• My Body- to identify, name, draw and label the basic parts of the human body.</li><li>• Senses- To say which part of the body is associated with each sense. I know which parts of my body I use to see, hear, taste, smell and feel.</li><li>• Grouping Animals – to identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals and identify common animals. To ask simple questions.</li><li>• Animal bodies- to describe and compare the structure of a variety of common animals including fish, amphibians, reptiles, birds and mammals including pets.</li><li>• What do I eat? - to identify and name a variety of common animals that are carnivores, herbivores and omnivores. I can name some animals that are carnivores, herbivores and omnivores.</li></ul>
Autumn 2	Seasons	<ul style="list-style-type: none"><li>• Autumn and winter- to observe changes across the 4 seasons in the context of the weather and describe how the weather changes across the seasons.</li><li>• Autumn weather- observing the weather in autumn and gathering and recording data.</li><li>• Autumn walk- identifying signs of autumn</li><li>• Autumn and winter- to observe and describe how day length varies in the context of autumn to winter and identify changes in trees and clothes.</li><li>• Seasonal weather winter- observing the weather in winter and gathering and recording data. To gather and record data.</li></ul>

		<ul style="list-style-type: none"> <li>Animals in winter- explore how some animals adapt to survive in winter.</li> </ul>
Spring 1	Materials	<ul style="list-style-type: none"> <li>Naming materials- to identify and name a variety of everyday materials including wood, plastic, glass, metal, water and rock.</li> <li>Objects and materials- to distinguish between an object and the material by which it is made by naming objects and identifying the material which they are made from.</li> <li>Properties- to describe the simple physical properties of a variety of everyday materials by looking at and touching different materials.</li> <li>Testing materials- to describe the simple physical properties of a variety of everyday materials by testing different objects.</li> <li>Sorting- to compare and group together a variety of everyday materials on the basis of their simple physical properties by sorting objects.</li> </ul>
Spring 2	Seasons	<ul style="list-style-type: none"> <li>Winter to spring- to observe and describe how day length varies in the context of winter to spring and to observe changes across the 4 seasons by looking at how trees and clothes change from winter to spring.</li> <li>Seasonal weather Spring- observing the weather in spring and gathering and recording data. To gather and record data.</li> <li>Spring walk- - identifying signs of spring</li> <li>Spring to summer- to observe and describe how day length varies in the context of spring to summer and identify changes in trees and clothes.</li> </ul>
Summer 1	Seasons  Plants	<ul style="list-style-type: none"> <li>Seasonal weather summer- observing the weather in summer and gathering and recording data.</li> <li>Staying safe in the sun- observe and describe weather associated with the seasons in the context of the summer sun. Staying safe in the sun.</li> <li>Planting beans- to identify and describe the basic structure of a variety of common flowering plants</li> </ul>

		<p>by planting a bean. To ask simple questions.</p> <ul style="list-style-type: none"> <li>• Wild plants- to identify and name a variety of common plants by going on a wild plant hunt. To gather and record data.</li> <li>• In the garden- to identify and name a variety of common garden plants in the context of drawing a garden featuring common garden plants.</li> </ul>
Summer 2	Plants	<ul style="list-style-type: none"> <li>• Terrific trees- identify and name a variety of common wild and garden plants including deciduous and evergreen trees by identifying trees by their leaves. To identify and classify.</li> <li>• Parts of plants- identify and describe the basic structure of a variety of common flowering plants including trees by making and labelling plants pictures.</li> <li>• How do plants grow- observe closely using simple equipment I the context of observing the growth of bean plants. To use their observations and ideas to suggest answers to questions.</li> </ul>