

## Science – Year 1 - Long Term Plan

	National Curriculum Coverage	Assessment
Autumn	<p><b><u>Seasonal changes</u></b>                      - observe changes across the four seasons                      - observe and describe weather associated with the seasons and how day length varies.</p> <p><b><u>Animals, including humans</u></b>                      - identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals                      - identify and name a variety of common animals that are carnivores, herbivores and omnivores                      - describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)                      - identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense.</p>	<ul style="list-style-type: none"> <li>• Can name the four seasons and identify when in the year they occur</li> <li>• Can describe weather in different seasons over a year</li> <li>• Can describe days as being longer (in time) in the summer and shorter in the winter</li> <li>• Can describe other features that change through the year</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• Can name a range of animals which includes animals from each of the vertebrate groups</li> <li>• Can describe the key features of these named animals</li> <li>• Can label key features on a picture/diagram</li> <li>• Can write descriptively about an animal</li> <li>• Can describe what a range of animals eat</li> <li>• Can label parts of the body on pictures and diagrams</li> <li>• Can explore objects using different senses</li> </ul>
Spring	<p><b><u>Seasonal changes</u></b>                      - observe changes across the four seasons                      - observe and describe weather associated with the seasons and how day length varies.</p> <p><b><u>Everyday materials</u></b>                      - distinguish between an object and the material from which it is made                      - identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock                      - describe the simple physical properties of a variety of everyday materials                      - compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	<ul style="list-style-type: none"> <li>• Can name the four seasons and identify when in the year they occur</li> <li>• Can describe weather in different seasons over a year</li> <li>• Can describe days as being longer (in time) in the summer and shorter in the winter</li> <li>• Can describe other features that change through the year</li> </ul> <hr/> <ul style="list-style-type: none"> <li>• Can label a picture or diagram of an object made from different materials</li> <li>• Can describe the properties of different materials</li> <li>• Can group materials according to their physical properties</li> </ul>

Summer	<p><b><u>Plants</u></b></p> <ul style="list-style-type: none"> <li>- identify and name a variety of common wild and garden plants, including deciduous and evergreen trees</li> <li>- identify and describe the basic structure of a variety of common flowering plants, including trees.</li> </ul>	<ul style="list-style-type: none"> <li>• Can name trees and other plants that they see regularly</li> <li>• Can describe some of the key features of these trees and plants e.g.</li> <li>• the shape of the leaves, the colour of the flower/blossom</li> <li>• Can point out trees which lost their leaves and those that kept them</li> <li>• the whole year</li> <li>• Can point to and name the parts of a plant, recognising that they are</li> <li>• not always the same e.g. leaves and stems may not be green</li> </ul>
	<p><b><u>Seasonal changes</u></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>	<ul style="list-style-type: none"> <li>• Can name the four seasons and identify when in the year they occur</li> <li>• Can describe weather in different seasons over a year</li> <li>• Can describe days as being longer (in time) in the summer and shorter in the winter</li> <li>• Can describe other features that change through the year</li> </ul>

### Assessment – working scientifically

- asking simple questions and recognising that they can be answered in different ways
- observing closely, using simple equipment
- performing simple tests
- identifying and classifying
- using their observations and ideas to suggest answers to questions
- gathering and recording data to help in answering questions