

## Year 1 Science Topics

Year Group	Autumn	Spring	Summer
Year 1	<p><b>Materials - Everyday materials</b></p> <ul style="list-style-type: none"> <li>• Know that objects are made of different materials</li> <li>• Identify different materials</li> <li>• Understand why a material is used</li> <li>• Properties of materials</li> </ul>	<p><b>Plants and Life Cycles</b></p> <ul style="list-style-type: none"> <li>• Common plants and trees</li> <li>• Structure of plants and trees</li> </ul> <p><b>Seasonal Changes</b></p> <ul style="list-style-type: none"> <li>• Changes in each part of the year</li> <li>• Different types of weather</li> </ul>	<p><b>Animals including humans</b></p> <ul style="list-style-type: none"> <li>• Name animals</li> <li>• Carnivore, herbivore and omnivore</li> <li>• Parts of the human body</li> <li>• Senses</li> </ul>

Year 1	Objectives
<b>Working Scientifically</b>	<p>During Year 1, pupils should be taught to use the following practical scientific methods, processes and skills through the teaching of the programme of study content:</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>

<b>Materials</b>	<ul style="list-style-type: none"> <li>• distinguish between an object and the material from which it is made</li> <li>• identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock</li> <li>• describe the simple physical properties of a variety of everyday materials</li> </ul>
	<ul style="list-style-type: none"> <li>• compare and group together a variety of everyday materials on the basis of their simple physical properties</li> </ul>
<b>Plants and Life Cycles</b>	<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>
<b>Animals including humans</b>	<ul style="list-style-type: none"> <li>• identify and name a variety of common animals including, fish, amphibians, reptiles, birds and mammals</li> <li>• identify and name a variety of common animals that are carnivores, herbivores and omnivores</li> <li>• describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)</li> <li>• identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense</li> </ul>
<b>Seasonal Changes</b>	<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>