

**Science Curriculum Overview – Year One**

**Science Lead – Mrs C Brayson**

Term	Topic	Subject Specific Vocabulary	Knowledge and Skills Children will be able to:
Autumn 1	Animals including Humans (2 weeks)	fish, birds, meat, mammals, amphibians, reptiles, carnivores, herbivores, omnivores, taste, smell, vision, touch and hearing.  Main body parts including head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth	<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.</li> <li>Identify, name, draw and label the basic parts of the human body.</li> <li>Say which part of the human body is associated with each sense.</li> <li>Ask simple questions</li> <li>Identify</li> <li>Classify</li> <li>Observe closely</li> <li>Gather/record data to answer simple questions</li> </ul>
Autumn 1	Seasonal Changes	Summer, winter, spring, autumn, day, daytime, wind, rain, snow, hail, sleet, fog, sun, hot, warm, cold, plants, animals	<ul style="list-style-type: none"> <li>Observe changes across the four seasons/observe and describe weather associated with the seasons and how day length varies</li> <li>Observe closely using simple equipment/using their observations to suggest answers to questions</li> </ul>
Autumn 2	Plants	branches, leaf, root, stem, flower, blossom, bud, petals, fruit, vegetables, blub, seed, wild/garden plants, deciduous, evergreen, trunk	<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> <li>Observe closely using simple equipment.</li> <li>Identify</li> <li>Classify</li> </ul>
Spring 2	Materials (week 1)	materials, wood, metal, plastic, glass, brick, rock, paper, elastics, foil, fabrics, hard, soft, stretchy, stiff, shiny, dull, rough, smooth, bendy, rigid, waterproof, absorbent	<ul style="list-style-type: none"> <li>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, <i>water</i>* and rock</li> <li>Observe closely/to identify and classify/ask simple questions</li> </ul>
Spring 2	Materials (week 2)		<ul style="list-style-type: none"> <li>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 physical properties</li> <li>Observe closely/to identify and classify/perform simple tests</li> </ul>
Summer 1	Seasonal Changes	Summer, winter, autumn, spring, day, daytime, wind,	<ul style="list-style-type: none"> <li>Observe changes across the four seasons/observe and describe weather associated with the seasons and how day length varies</li> </ul>

		rain, snow, hail, sleet, fog, sun, hot,	<ul style="list-style-type: none"> <li>• Observe closely using simple equipment/using their observations to suggest answer to questions</li> </ul>
Summer 2	Plants	Wild plants, garden plants, deciduous, evergreen, leaf, plant, root, bud, blossom, petals, root, stem, fruit, vegetable, bulb, seed	<ul style="list-style-type: none"> <li>• Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees/identify and describe the basic structure of a variety of common flowering plants including trees</li> <li>• Observe closely using simple equipment/identifying and classifying</li> </ul>
Summer 2	Animals	<p>fish, birds, meat, mammals, amphibians, reptiles, carnivores, herbivores, omnivores, taste, smell, vision, touch and hearing.</p> <p>Main body parts including head, neck, arms, elbows, legs, knees, face, ears, eyes, hair, mouth, teeth</p>	<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.</li> <li>• Identify, name, draw and label the basic parts of the human body.</li> <li>• Say which part of the human body is associated with each sense.</li> <li>• Ask simple questions</li> <li>• Identify</li> <li>• Classify</li> <li>• Observe closely</li> <li>• Gather/record data to answer simple questions</li> </ul>