



	Nursery	Reception	Year 1	Year 2
Working Scientifically	<p>Notices detailed features of objects in their environment. (22-36)</p> <p>Comments and asks questions about aspects of their familiar world such as the place where they live or the natural world. (30-50)</p> <p>Can talk about some of the things they have observed such as plants, animals, natural and found objects. (30-50)</p>	<p>Looks closely at similarities, differences, patterns and change (40-60).</p> <p>Make observations and explain observations (ELG).</p>	<p>Asking simple questions and recognising that they can be answered in different ways.</p> <p>Observing closely using simple equipment.</p> <p>Performing simple tests.</p> <p>Identifying and classifying</p> <p>Using their observations and ideas to suggest answers to questions.</p> <p>Gathering and recording data to help in answering questions.</p>	<p>Asking simple questions and recognising that they can be answered in different ways.</p> <p>Observing closely using simple equipment.</p> <p>Performing simple tests.</p> <p>Identifying and classifying</p> <p>Using their observations and ideas to suggest answers to questions.</p> <p>Gathering and recording data to help in answering questions.</p>
Plants	<p>Developing an understanding of growth, decay and changes over time. (30-50)</p>	<p>Make observations of plants and explain why things occur and talk about changes (ELG).</p>	<p>Identify and name a variety of common wild and garden plants including deciduous and evergreen trees.</p> <p>Identify and describe basic structure of a variety of common flowering plants including trees.</p>	<p>Observe and describe how seeds and bulbs grow into mature plants.</p> <p>Find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p>

<p style="text-align: center;">Animals including humans</p>		<p>Make observations of animals and explain why things occur and talk about changes (ELG).</p>	<p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.</p> <p>Identify and name a variety of common animals that are carnivores, herbivores and omnivores</p> <p>Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets).</p> <p>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>	<p>Notice that animals, including humans, have offspring which grow into adults.</p> <p>Find out about and describe the basic needs of animals, including humans, for survival (water, food and air).</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p>
<p style="text-align: center;">Everyday materials</p>			<p>Distinguish between an object and the material from which it is made.</p> <p>Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.</p> <p>Describe the simple physical properties of a variety of everyday materials.</p> <p>Compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	<p>Identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.</p> <p>Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>
<p style="text-align: center;">Seasonal changes</p>		<p>Discuss features of the environment and how environments may vary from one another (ELG).</p>	<p>Observe changes across the four seasons.</p> <p>Observe and describe weather associated with the seasons and how day length varies.</p>	

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Living things and their habitats</p>	<p>Learns that they have similarities and differences that connect them to, and distinguish them from, others. (22-36)</p> <p>Developing an understanding of growth, decay and changes over time. (30-50)</p>	<p>Discuss features of the environment and how environments may vary from one another (ELG).</p>	<p>Observe animals and plants and explain why some things occur by discussing changes (life cycles).</p> <p>Make comparisons between similarities and differences in relation to plants and animals.</p>	<p>Explore and compare the differences between things that are living, dead, and things that have never been alive.</p> <p>Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs of different kinds of animals and plants, and how they depend on each other.</p> <p>Identify and name a variety of plants and animals in their habitats, including microhabitats.</p> <p>Describe how animals obtain their food from plants and other animals, using the idea of a simple food chain, and identify and name different sources of food.</p>
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