



Subject progression: Science – Key stage 1

	Reception	Year 1	Year 2
Science	<p>Autumn – My Body, timeline, scrapbook of family</p> <p>Spring – How it it made? Materials and Megastructures and forces</p> <p>Summer – plants and animals</p>	<p>Autumn – Labelling the body, catergorising</p> <p>Spring – Materials</p> <p>Summer – Flowers, plants and trees</p>	<p>Autumn – Living things and their habitats</p> <p>Spring- Materials: design a waterproof coat</p> <p>Summer –Growing Plants and what plants need to survive.</p>
Animals, including humans	<p><b>30-50-</b> I can comment and ask questions about aspects of my familiar world suh as the natural world.</p> <p><b>40-60-</b> I can look closely at similarities and differences, patterns and change.</p> <p><b>ELG-</b> I know about similarities and differences in relation to living things. I can make observations of animals and explain why some things occur and talk about changes.</p>	<p>I can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.</p> <p>I can identify and name a variety of common animals that are carnivores, herbivores, and omnivores.</p> <p>I can describe and compare the structure of a variety of common animals.</p> <p>I can 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>I notice that animals including humans, have offspring that grow into adults.</p> <p>I can find out about and describe the basic needs of animals including humans, for survival.</p>

<p>Living things and their habitats</p>	<p><b>30-50-</b> I can show care and concern for living things. I know about similarities and differences in relation to places and living things. I can make observations of animals and explain why some things occur and talk about changes. <b>40-60-</b> I can look closely at similarities and differences, patterns and change.  <b>ELG-</b> I know about similarities and differences in relation to living things. I know how environments might vary.</p>	<p>I can identify that most living things live in habitats to which they are suited and how different habitats provide for the basic needs of different kinds of animals and plants and how they depend on each other.  I can explore and compare the differences between things that are living, dead and things that have been alive.</p>	<p>I can identify and name a variety of plants and animals in their habitats including micro habitats.  I can describe how animals obtain food from plants and other animals using the idea of a simple food chain and identify and name difference sources of food.</p>
<p>Plants</p>	<p><b>30-50-</b> I can talk about some of the things they have observed such as plants. I am developing an understanding of growth, decay and changes over time.  <b>40-60-</b> I can look closely at similarities and differences, patterns and change.  <b>ELG-</b> I can talk about features of my environment and how environments vary from one another.</p>	<p>I can identify and name a variety of common wild and garden plants, including deciduous and ever green trees.  I can identify and describe the basic structure of a variety of common flowering plants including trees.</p>	<p>I can observe and describe how seeds and bulbs grow into mature plants.  I can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.</p>

<p>Every day materials</p>	<p><b>30-50-</b> I can comment and asks questions about aspects of my familiar world such as the place where they live or the natural world.  I can talk about some of the things they have observed such as natural and found objects.</p>	<p>I can distinguish between an object and the material from which it is made .  I can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.  I can describe the simple physical properties of a variety of everyday materials.</p>	<p>I can identify and compare the suitability of a variety of everyday materials, including wood, metal, plastic, glass, brick, rock, paper and cardboard for particular uses.  I can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>
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	<p>I can talk about why things happen and how things work.</p> <p><b>40-60-</b> I can look closely at similarities and differences, patterns and change.</p> <p><b>ELG-</b> I know about similarities and differences in relation to places, objects and materials.</p>	<p>I can compare and group together a variety of everyday materials on the basis of their simple physical properties.</p>	
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<p>Seasonal changes</p>	<p><b>30-50-</b> I can comment and asks questions about aspects of their familiar world such as the place where they live or the natural world.</p> <p>I am developing an understanding of growth, decay and changes over time.</p> <p><b>40-60-</b> I can look closely at similarities and differences, patterns and change.</p>	<p>I can observe changes across the four seasons.</p> <p>I can observe and describe weather associated with the seasons and how day length varies.</p>	
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**ELG-** I can talk about the features of my own immediate environment and how environments might vary from one another. I can make observations of animals and plants and explain why some things occur, and talk about changes.

Working scientifically across all topic areas.

**EYFS-**

I am beginning to understand why and how questions.

I can listen and respond to ideas expressed by others in conversation or discussion.

I can answer how and why questions about my experiences and in response to events.

I can focus my attention in arrange of situations.

I understand use of objects.

I can follow instructions following several ideas and actions.

**KS1-**

I can ask simple questions and recognising that they can be answered in different ways.

I can observe closely, using simple equipment.

I can perform simple tests.

I can identifying and classifying using my observations and ideas to suggest answers to questions.

I can gather and record data to help in answering questions.