



Knowledge Progression Document
Science
EYFS & KS1

National Curriculum statements in red are from other linked topics.

EYFS

Year 1

Year 2

Plants

- Draw information from a simple map. (Reception – Living things and their habitats)
- Explore the natural world around them. (Reception – Living things and their habitats)
- Describe what they see, hear and feel whilst outside. (Reception – Living things and their habitats)
- Recognise some environments that are different to the one in which they live. (Reception – Living things and their habitats)
- Understand the effect of changing seasons on the natural world around them. (Reception – Seasonal changes)

- Can identify and name a variety of common wild and garden plants, including deciduous and evergreen.
- Can identify and describe the basic structure of a variety of common flowering plants, including trees.

- Can observe and describe how seeds and bulbs grow into mature plants
- Can find out and describe how plants need water, light and a suitable temperature to grow and stay healthy.
- Identify and name a variety of plants and animals in their habitats, including microhabitats. (Y2 - Living things and their habitats)

Animals Including Humans

- Talk about members of their immediate family and community.
- Name and describe people who are familiar to them.
- Recognise some environments that are different to the one in which they live.

- Can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.
- Can identify and name a variety of common animals that are carnivores, herbivores and omnivores.

- Notice that animals, including humans, have offspring which grow into adults
- Find out about and describe the basic needs of animals, including humans, for survival (water, food and air)

		<ul style="list-style-type: none"> • Can describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets). • 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. 	<ul style="list-style-type: none"> • Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene. • 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. (Y2 - Living things and their habitats)
Everyday Materials. Yr2- Uses of Everyday Materials	<ul style="list-style-type: none"> • Explore the natural world around them. • Describe what they see, hear and feel whilst outside 	<ul style="list-style-type: none"> • Can distinguish between an object and the material from which it is made • Can identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock. • Can describe the simple physical properties of a variety of everyday materials. • Can compare and group together a variety of everyday materials on the basis of their simple physical properties. 	<ul style="list-style-type: none"> • 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. • Can find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.
Seasonal Changes	<ul style="list-style-type: none"> • Explore the natural world around them. • Describe what they see, hear and feel whilst outside. • Understand the effect of changing seasons on the natural world around them. 	<ul style="list-style-type: none"> • Can observe changes across the four seasons. • Can observe and describe weather associated with the seasons and how day length varies. 	N/A

<p>All Living Things and their Habitats</p>	<ul style="list-style-type: none"> • Draw information from a simple map. • Explore the natural world around them. • Describe what they see, hear and feel whilst outside. • Recognise some environments that are different to the one in which they live. 	<ul style="list-style-type: none"> • Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. (Y1 - Plants) • Identify and describe the basic structure of a variety of common flowering plants, including trees. (Y1 - Plants) • Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. (Y1 - Animals including humans) <ul style="list-style-type: none"> • Identify and name a variety of common animals that are carnivores, herbivores and omnivores. (Y1 - Animals including humans) • Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets). (Y1 – Animals, including humans) • Observe changes across the four seasons. (Y1 - Seasonal change) 	<ul style="list-style-type: none"> • Can explore and compare the differences between things that are living, dead, and things that have never been alive. • Can 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. • Can identify and name a variety of plants and animals in their habitats, including micro-habitats. • Can 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. • Notice that animals, including humans, have offspring which grow into adults. (Y2 - Animals including humans)
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