



Reception
Explores the natural world around him/her
Describes what he/she can see, hear and feel whilst outside
Recognises some environments that are different to the one in which he/she lives
Understands the effect of changing seasons on the natural world around him/her
Explores the natural world around him/her, making observations and drawing pictures of animals and plants (ELG)
Knows some similarities and differences between the natural world around him/her and contrasting environments, drawing on his/her experiences and what has been read in class (ELG)
Understands some important processes and changes in the natural world around him/her, including the seasons and changing states of matter (ELG)

	Year 1	Year 2
Working Scientifically	<p>Ask simple questions and recognise that they can be answered in different ways (Year 1 focus)</p> <p>Use simple equipment to observe closely (Year 1 focus)</p> <p>Perform simple tests (Year 1 focus)</p> <p>Identify and classify (Year 1 focus)</p> <p>Use his/her observations and ideas to suggest answers to questions (Year 1 focus)</p> <p>Gather and record data to help in answering questions (Year 1 focus)</p>	<p>Ask simple questions and recognise that they can be answered in different ways including use of scientific language from the national curriculum (Year 2 focus)</p> <p>Use simple equipment to observe closely including changes over time (Year 2 focus)</p> <p>Communicate his/her ideas, what he/she does and what he/she finds out in a variety of ways</p> <p>Perform simple comparative tests (Year 2 focus)</p> <p>Identify, group and classify (Year 2 focus)</p>



		<p>Use his/her observations and ideas to suggest answers to questions noticing similarities, differences and patterns (Year 2 focus)</p> <p>Gather and record data to help in answering questions including from secondary sources of information (Year 2 focus)</p>
Animals, including humans	<p>Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals</p> <p>Group animals according to what they eat</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>Understand that animals, including humans, have offspring which grow into adults</p> <p>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>
Living things and their habitats		<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 micro-habitats</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
Materials	<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>Describe how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching</p>
Plants	<p>Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees</p> <p>Identify and describe the 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>Describe how plants need water, light and a suitable temperature to grow and stay healthy, and describe the impact of changing these</p>
Seasonal changes	<p>Observe changes across the four seasons</p> <p>Observe and describe weather associated with the seasons and how day length varies</p>	