

During years 1 and 2, pupils should be taught to use the following practical scientific methods, process and skills through the teaching of the programmes of study content:

- Asking simple questions and recognising that they can be answered in different ways.
- Observing closely, using simple equipment.
- Performing simple tests.
- Identifying and classifying.
- Using their observations and ideas to suggest answers to questions.
- Gathering and recording data to help in answering questions.

Term	Year 1	Year 2
Autumn 1	<p>This is Me!</p> <p><u>Animals including humans (senses)</u> I can 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><u>Seasonal Changes</u> I can observe changes across the four seasons. I can observe and describe weather associated with the seasons and how day length varies.</p>	<p>Where do I belong?</p> <p><u>Living things and their habitats (Local Habitats)</u> I can explore and compare the differences between things that are living, dead and things that have never been alive. I 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. I can identify and name a variety of plants and animals in their habitats including micro-habitats.</p>
Autumn 2	<p>Journeys</p> <p><u>Animals including humans (classifying)</u> I can identify and name a variety of common animals, including fish, amphibians, reptiles, birds and mammals. I can identify and name a variety of common animals which are carnivores, herbivores and omnivores.</p> <p><u>Seasonal Changes</u> I can observe changes across the four seasons. I can observe and describe weather associated with the seasons and how day length varies.</p>	<p>The Wider World</p> <p><u>Living things and their habitats (World Wide Habitats)</u> I 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. I can identify and name a variety of plants and animals in their habitats, including micro-habitats.</p>
Spring 1	<p>Water, Water Everywhere</p> <p><u>Everyday Materials</u> 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. I can compare and group together a variety of everyday materials according to their simple physical properties.</p>	<p>Arctic Adventures</p> <p><u>Living things and their habitats (Adaptions and Food chains)</u> I 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. I can identify and name a variety of plants and animals in their habitats, including microhabitats. I 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.</p>

<p>Spring 2</p>	<p>Kings and Queens</p> <p><u>Plants</u> I can identify and name a variety of common wild and garden plants, including deciduous and evergreen trees. I can identify and describe the structure of a variety of common flowering plants, including trees.</p> <p><u>Seasonal Changes</u> I can observe changes across the four seasons. I can observe and describe weather associated with the seasons and how day length varies.</p>	<p>Victorians</p> <p><u>Uses of everyday materials</u> I can distinguish between an object and the material from which it is made. 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 purposes. I can find out how the shape of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p>
<p>Summer 1</p>	<p>Explorers</p> <p><u>Animals including humans (structure of animals)</u> I can describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets). I can identify and name a variety of common animals, including fish, amphibians, reptiles, birds and mammals. I can identify and name a variety of common animals which are carnivores, herbivores and omnivores.</p>	<p>Growth</p> <p><u>Plants</u> 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>Summer 2</p>	<p>Rumble in the Jungle</p> <p><u>Seasonal Changes</u> I can observe changes across the four seasons. I can observe and describe weather associated with the seasons and how day length varies.</p>	<p>Changes</p> <p><u>Animals, including humans</u> I can notice that animals, including humans, have offspring which grow into adults. I can find out about and describe the basic needs of animals, including humans, for survival (water, food and air). I can describe the importance for humans of exercise, eating the right amount of different types of food and hygiene.</p>