

Yearly Science 2022-23

Year Group: 2

<u>Term 1</u>	<u>Term 2</u>	<u>Term 3</u>
<p><u>Plants</u> Observe and describe how seeds and bulbs grow into mature plants.</p> <p>Explore how plants from seeds and bulbs grow.</p> <p>Compare the plant cycle for a plant from a seed with that from a bulb.</p>	<p><u>Plants</u> 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>Describe what happens to bulbs during the plant cycle as they grow.</p>	<p><u>Plants</u> Observe and describe how seeds and bulbs grow into mature plants.</p> <p>Explain how plants in the desert survive with little water and plants in the rainforest survive with little light.</p> <p>Explain differences between plants grown in the light and in the dark.</p>
<p><u>Living things and their habitats</u> Explore and compare the differences between things that are living, dead and things that have never been alive.</p> <p>Explain differences between living and non-living things in terms of characteristics such as movement and growth.</p>	<p><u>Living things and their habitats</u> 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><u>Living things and their habitats</u> Identify and name a variety of plants and animals in their habitats.</p> <p>Identify that most living things live in habitats to which they are suited to and describe how different habitats provide for the basic needs of animals and plants, and how they depend on each other.</p> <p>Identify some local habitats.</p> <p>Suggest reasons why different plants and animals are found in the different environments.</p>
<p><u>Animals, Including humans: Growth and Survival</u> Notice that animals, including humans, have offspring that grow into adults.</p> <p>Recognise changes that take place as animals get older.</p> <p>Use evidence to show that older children are generally taller than younger children.</p>	<p><u>Animals, Including humans: Growth and Survival</u> Identify the basic needs of animals and humans.</p> <p>Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p> <p>Recognise that an adequate diet and exercise are necessary for them to grow and stay healthy.</p>	<p><u>Animals, Including humans: Growth and Survival</u> Describe the importance for humans of exercise, eating the right amounts of different types of food, and hygiene.</p>
<p><u>Materials</u> Identify and compare the suitability of a variety of everyday materials.</p> <p>Recognise that some materials will have more than one property which increases its suitability for its purpose.</p> <p>Give a reason why a material is suitable for its job.</p>	<p><u>Materials</u> Identify and compare the suitability of a variety of everyday materials.</p> <p>Recognise that some materials will have more than one property which increases its suitability for its purpose.</p> <p>Give a reason why a material is suitable for its job.</p>	<p><u>Materials</u> Find out how the shapes of solid objects made from some materials can be changed by squashing, bending, twisting and stretching.</p> <p>Describe changes in shapes as a result of the action of pushes, pulls and twists.</p>