

Inspiring and enabling our school community to live life to the full



YEAR 2

Subject: Science
Animals (including humans): Habitats, food chains

Characteristics of an Effective Learner

- Courage
- Commitment
- Collaboration
- Creativity
- Curiosity

Our Science curriculum aims to enthuse children and help them to be curious and develop a sense of excitement about the world. Through a range of teaching, learning and extra-curricular opportunities, children will develop scientific knowledge and conceptual understanding to recognise the uses and implications of Science, today and for the future. We encourage children to ask their own questions; predict how things will behave and analyse causes, using Science to explain what is happening.

<p>Prior Learning: Year 1 – Children learn to identify and compare common plants around the school. They learn to sort animals into broad groups – mammal, bird, reptile etc. They learn that animals have different diets and can be classified as carnivores, herbivores, and omnivores.</p>	<p>Key Vocabulary taught in this unit: Living, once lived, never lived, habitat, environment, plant, animal, food chain, diet, depend on, meadow, desert, ocean, woodland, rainforest, pond, polar</p>
<p>Intent: What do we want the children to know, be able to do by the time they complete this unit? Explore and compare the differences between things that are living, dead, and things that have never been alive Sort a collection of objects according to whether they are living things (plants and animals), things that once lived or things that have never been alive. 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 Consider how living things are suited to live in different habitats. Know how animals in all habitats depend on plants and each other for food by creating food chains. Identify and name a variety of plants and animals in their habitats, including microhabitats Visit several different habitats (and microhabitats) around the school and identify the living things found there. 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. Know how animals in all habitats depend on plants and each other for food by creating simple food chains. Enquiry skills Observing closely, using simple equipment Notice and record the living things which make up different habitats around the school. Identifying and classifying Group plants and animals into food chains. Using their observations and ideas to suggest answers to questions Consider how living things are suited to different habitats. Gathering and recording data to help in answering questions Learn how to represent a simple food chain as a series of living things linked by arrows.</p>	
<p>Impact / Outcome: What will the final product / result be? Children understand that a habitat is made up of interdependent plants and animals that are well suited for their environment.</p>	
<p>P4C Inquiry (where appropriate) NA</p>	