



Science

Living things and their habitats.

Background Information

In this unit children will learn about a variety of habitats and the plants and animals that live there. They learn to tell the difference between things that are living, dead and things that have never been alive, and apply this in a range of contexts. They make observations of a local habitat and the creatures that live there, investigating conditions in local microhabitats and how they affect the minibeasts found within them. This unit allows children to research a range of global habitats and how the living things that live there are suited to their environments, and also provides an introduction to the idea of dependency between plant and animal species.



In this unit the children will...

- Explore and compare the differences between things that are living, dead and things that have never been alive by thinking about life processes.
- Use their observations and ideas to suggest answers to questions.
- Identify and name a variety of plants and animals in their habitats.
- Identify and classify, and sort objects into categories.
- Identify and name a variety of plants and animals in their habitats, including microhabitats.
- Gather and record data to help in answering questions.
- 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.
- Ask simple questions and recognise that they can be answered in different ways.
- Identify that most living things live in habitats to which they are suited and describe how different habitats provide for the basic needs to different kinds of animals and plants, and how they depend on each other by considering the adaptations of animals, and how living things in a habitat depend on each other.
- Describe how animals obtain their food from plants and other animals, using the ideas of a simple food chain, and identify and name different sources of food.

By the end of this unit....

All children can:

- Say what is different about things that are living, dead or have never been alive.
- Identify some of the plants and animals in a familiar habitat.
- Sort objects into categories.
- Find microhabitats.
- Describe the conditions in a habitat.
- Ask questions about different habitats.
- Describe the characteristics of some plants and animals.
- Name some sources of food.

Most children will:

- Explain some of the life processes.
- Ask questions to decide if a thing is living, dead or has never been alive.
- Identify some plants and animals in global habitats.
- Draw a map of a local habitat.
- Sort objects into categories and give reasons for the choices.
- Identify and name minibeasts in microhabitats.
- Gather and record information.
- Suggest how an animal is able to survive in their habitat.
- Answer questions about habitats they have researched.
- Explain why the animals in a habitat need the plants.
- Draw a simple food chain.

Some children will:

- Identify a variety of plants and animals in a range of habitats.
- Choose their own objects to go into given categories.
- Use information they have gathered to suggest an answer to a question.
- Suggest why the plants in a habitat need the animals.

Characteristics of living things

Movement
Respiration
Sensitivity

Growth
Reproduction
Excretion
Nutrition

MRS GREN



Key Vocabulary

Life process, living, non-living, dead, never alive, movement, respiration, sensitivity, growth, reproduction, excretion, nutrition, conditions, survive, urban, woodland, pond, coast, coastal, minibeasts, microhabitat, enquiry, survey, pictogram, habitat, research, conditions, ocean, tropical rainforest, arctic, desert, adaptation, survive, adapt, adaptation, depend, dependency, food chain, consumer, producer, predator, prey, herbivore, carnivore and omnivore.

Food Chains

