

Living Things and their Habitats- Science

I will learn about a variety of living things, their habitats and what they need to survive.



Enquiry Types

Lesson sequence

1. To know the difference between things that are living, dead and have never been alive.
2. To know the basic needs of animals and plants.
3. To know the meaning and difference between habitat and microhabitat.
4. Know how basic needs are provided for in different habitats.
5. To consolidate my learning by answering questions in a quiz.

Concept Links/Prior Knowledge

- I can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
- I know what carnivores, herbivores and omnivores are and can name some
- I can describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)
- I know how to discuss environments and that not all are the same.

Sticky learning

New Knowledge

- To know and compare the differences between things that are living, dead and things that have never been alive.
- To know the basic needs of different kinds of animals and plants.
- To know the meaning and difference between 'habitat' (a natural environment or home of a variety of plants and animals) and 'micro-habitat' (a very small habitat, for example for woodlice under stones, logs or leaf litter)
- To know how these basic needs of animal and plants are provided for in their habitat and how they depend on each other
- To know the conditions of different habitats and microhabitats and how this affects the number and type of plants and animals which live there.
- I can identify and name a variety of plants and animals.

Skills

- I can ask questions about what I notice.
- I can recognise that these questions can be answered in different ways.
- I can make simple predictions and say if what happened was what I expected using my test results.
- I can make observations using simple measurements and equipment.
- I can carry out simple comparative tests.
- I can use books, texts and videos to find out information about a scientific topic
- I can identify, group and classify things.
- I can record and communicate my findings using simple scientific language.
- I can gather and record data to help in answering questions.
- I can make simple conclusions.

- To know which habitat you would find the plants and animals in, including microhabitats.
- I know the difference between some less familiar habitats e.g. on the seashore, in woodland, in the ocean, in the rainforest.
- I know how animals obtain their food from plants and other animals.
- I know how simple food chains work and what they show.
- I can name different sources of food.

More detailed knowledge and information Significant people/places

Examples of microhabitats



Under a leaf



Under a log



In a shrub

Examples of habitats:



woodland



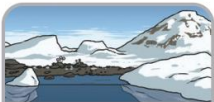
urban



coastal



rainforest



arctic



desert



ocean



river



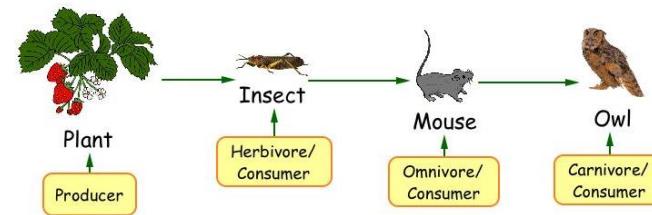
mountain

New vocabulary I will learn

Key Vocabulary	
Consumer	a consumer eats producers or other consumers in a food chain
Environment	the area in which something exists or lives
Habitat	a place that an animal or plant lives. It provides the animal or plant with food, water and shelter
Inhabitant	a person or animal that lives in a place
Microhabitat	a very small, specific habitat for animals and plants
Organism	a living thing
Producer	An organism that makes its own food, such as a plant

Visual representations

The Food Chain Of An Owl



A food chain shows the path of energy from one living thing to another
Decomposers like bacteria, are necessary for all food chains.