

Science Year 2 Knowledge Organiser



Topic:
Living things and their
habitats

National Curriculum Statements

- Explore and compare the differences between things that are living, dead, and 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.
- Identify and name a variety of plants and animals in their habitats, including microhabitats.
- 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.

Key vocabulary

Habitat - the natural home or environment of an animal, plant, or other organism.

Absorption - the process by which one thing absorbs or is absorbed by another.

Decay - cause to rot or decompose.

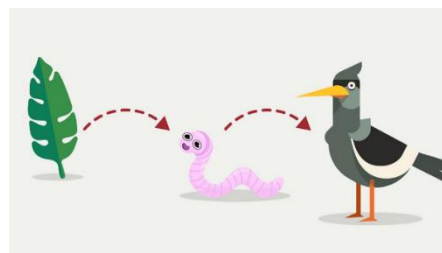
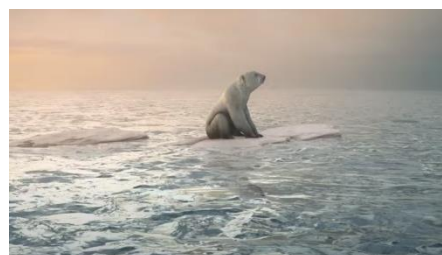
Microhabitat - a habitat which is of small or limited extent and which differs in character from some surrounding more extensive habitat.

Life cycle - the series of changes in the life of an organism including reproduction.

Food chain - a series of organisms each dependent on the next as a source of food.

Source - a place, person, or thing from which something originates or can be obtained

Nutrition – the process of providing or obtaining the food necessary for health and growth



Key enquiry questions:

What is living, dead or has never been alive?

What do amphibians, reptiles and fish in common?

How does a polar bear survive in such a cold environment?

What are the main similarities and differences between amphibians and reptiles?

How does a cactus survive in a desert with no water?

What is a food chain?

I am a scientist as I make discoveries and research how things work. I observe, measure, and talk about the results.

5 Types of Scientific Enquiry

