

Science Overview – Living things and their habitats

Year Two

Autumn and Summer Terms

Key Question:

Where does food come from? (farm animals)

What is it like to live in Africa? (African wildlife)

National Curriculum

- 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.

SUBSTANTIVE KNOWLEDGE

- 1) Know the difference between living, dead and never living.
- 2) Know the name and identify a variety of plants and animals in their habitats.
- 3) Know that animals obtain their food from plants and other animals.
- 4) Know what a food chain is and be able to describe what is happening.
- 5) Know what a habitat (and microhabitat is).
- 6) Know that habitats are suited to and provide for the living things in them.

Key Vocabulary

life processes, living, dead, never living, food chain, food sources, habitat, microhabitat, depend, survive

Previous years vocabulary

Taught first in Y2

Disciplinary Concepts

- observing closely, using simple equipment
- using their observations and ideas to suggest answers to questions

Enquiry type to cover and enquiry suggestion

Pattern seeking (enquiry type)

Which habitats do worms prefer? Where can we find the most worms?
Children count the number of worms they find in different locations around the school. Graph numbers and establish the preferred habitat.

Learning Milestones /Assessment

I can...

- identify if something is alive, dead or never alive.
- Match animals to the most suitable habitat.
- Match minibeasts to the most suitable microhabitat.
- Order and describe a simple food chain.