

Science Knowledge Organiser

Living things and their habitats

WHAT SHOULD I ALREADY KNOW

(links to previous learning)

- How to draw information from a simple map
 - Can explore the natural world around me
- Can describe what I see, hear and feel whilst outside
- Can recognise some environments that are different in the world in which I live

KEY QUESTIONS? ENQUIRIES

What is the difference between things that are living, things that are dead and things that have never been alive?

What is a habitat, including micro-habitats?

How does a habitat provide for the basic needs of an animal or plant?

How are animals suited to the habitats in which they live?

Can you name a selection of plants and animals and their habitat?

What is a food source and how do animals obtain food?

What is a food chain?

SCIENTIFIC FOCUS

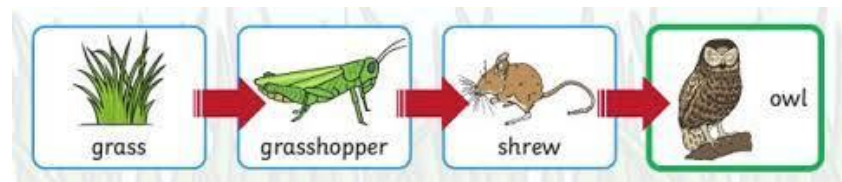
Biology

WORKING SCIENTIFICALLY

- Ask simple questions
- Make careful observations to identify, compare and notice change
- Use appropriate senses aided by equipment to make observations
- Use observations to compare living things
- Sort and group living thing using your own criteria
- Use identification sheets to name living things
- Describe the characteristics you used



Food chain



STICKY KNOWLEDGE

(What we will know by the end of the topic)

There are differences between things that are living, dead, and things that have never been alive.

Habitats provide for the needs of plants and animals.

Plants and animals are adapted to habitats in which they live.

Habitats and plants and animals depend on each other .

Animals obtain their food from plants and other animals.

Examples of **habitats**:



woodland



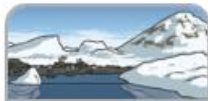
urban



coastal



rainforest



arctic



desert



ocean



river



mountain

Examples of **microhabitats**:



short grass



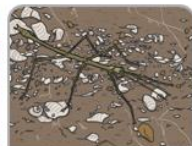
flowers



inside rotting wood



under leaves



in and on soil

STICKY VOCABULARY

Life processes

These are the things that all **living** things do. They move, breathe, sense, grow, make babies, get rid of waste and get their energy from food.

Living

Things that are living have all the life processes.

Dead

Things that are dead were once living. They did have all the life processes but don't now

Never living

Things made out of metal, plastic or rock were never living. They never had the life processes.

Food chain

A food chain shows how each animal gets its food. Food chains are one of the ways that living things depend on each other to stay alive.

Food source

This is the place a living thing's food comes from.

Habitat

A habitat is the natural place something lives. A habitat provides living things with everything they need to survive such as food, shelter and water.

Microhabitat

A microhabitat is a very small habitat in places like under a rock, under leaves or on a branch. Minibeasts live in microhabitats. The microhabitats have everything they need to survive.

Depend

Many living things in a habitat depend on each other. This means they need each other for different things.

Survive

This means to stay alive.