

NPA Knowledge Organiser: Year 2 Science - Spring 1



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**.

survive

This means to stay alive.

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 sources

This is the place a **living** things food comes from.



Examples of habitats

woodland



Hedgehogs make a nest in leaves in woods.

pond



Goldfish can breathe in water.

seashore



Crabs are omnivores and eat seaweed.

polar



Polar bears are carnivores and eat seals.

ocean



Stingrays live in saltwater.

rainforest



Spider monkeys find food high up in the treetops.

People must feel that the natural world is important and valuable and beautiful and wonderful and an amazement and a pleasure.

Examples of micro-habitats

in leaf litter



Caterpillars need leaves to eat.

under stones



Woodlice can be found hiding under stones.

under logs



Worms prefer dark, damp places.

in shrubs



Ladybirds live in shrubs and trees.

Food chains. The arrows mean 'is eaten by'.



Food chains



grass



grasshopper



spider

The grass is **eaten by** the grasshopper.
The grasshopper is **eaten by** the spider.



leaf



snail



bird

The leaf is **eaten by** the snail.
The snail is **eaten by** the bird.

What will I know by the end of the unit?

What is a **habitat**?

- A **habitat** is a place where living things, such as animals and **plants**, can find all of the things they need to **survive**. This includes food, water, air, space to move and grow and some shelter.
- Some **habitats** are large, like the ocean, and some are very small, such as under a log.
- Some **habitats** in our local area include the river and woodlands. Other habitats include the coast and the forest.



ocean



forest



river



pond



coast



desert



woodland



tundra



habitat