

Merry Hill Infant School and Nursery - Knowledge organiser

Science

Topic: Living things and their habitats

Year Group : 2

Term: Summer 1

Key Knowledge

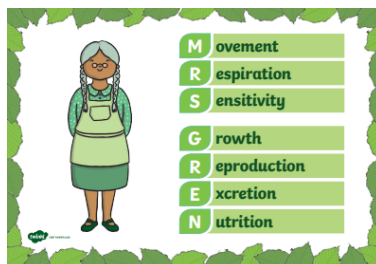
That things can be split into 3 groups.

- Things that are alive/ living.
- Things that were alive but are now dead.
- Things that have never lived.

How do we know if something is alive?

Living things can

- Move
- Respire (breathe)
- Sense (react)
- Grow
- Reproduce (make babies)
- Excrete
- Nutrition (get energy from food)



What is a food chain?

Animals get their food from plants and other animals. A food chain shows how each animal gets its food. Only green plants make their own food, so every food chain starts with a green plant.



The arrow on a food chain means 'is food for'.

How do animals and plants depend on each other?

Animals and plants need each other to stay alive. If one thing changes, it can impact other animals and plants.

If a disease killed all the rabbits...

- The grass might grow a lot more as rabbits wouldn't be eating it.
- Foxes eat rabbits and would need to find something else to eat.

Key Vocabulary

Dead

Things that were once living. They can no longer move, respire, sense, reproduce, excrete, grow or absorb nutrients.

Never been alive

Things that have never been able to move, respire, sense, reproduce, excrete, grow or absorb nutrients.

Habitat

A natural environment or home of a variety of a variety of animals and plants.



Microhabitat

A very small habitat, for example for woodlice under stones, logs or leaf litter.

Basic needs

The things that all living things need to stay alive.

Depend

Something you need in order to be able to physically survive.