Year 2 Science Biology : Living things and their habitats

What we already know:

- Which things are living, dead and things which have never been alive.
- The names of some common **plants** and types of **trees.**
- All animals need water, air and food to **survive.**
- Animals can be grouped into **carnivores, herbivores** and **Omnivores.**
- Animals**,** including humans, have **offspring** which grow into adults.

What's next?

Recognise that living things can be grouped in a variety of ways
Habitats can change due to different climates and weather **(Geography)**
Describe different lifecycles andd gestation periods

Habitats in my local area (1)

I know a habitat is where a plant or animal lives.

A habitat provides everything a plant or animal needs to survive.

I know animals and plants have a habitat.

There are different habitats in my local area.

Polar, Desert, Ocean and Woodland habitats (2,3)

Polar animals can survive in extremely cold weather.

Desert animals can survive in extremely hot weather.

Ocean animals include fish, mammals and reptiles.

In woodlands, some animals eat plants and others use plants for shelter.

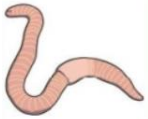
To Identify and name a variety of living things in their microhabitats (4)

I know there are 6 major habitats in the world:
Forest, ocean, polar, desert, rainforest, grassland

I know a microhabitat is a very small area that supports the life of plants and animals

I know under a log is a microhabitat

I know that various mini beasts live in the habitat (worm, earwigs, centipedes, woodlice) they eat rotting leaves, bark, shoots and roots.



To describe a simple food chain and name the different sources of food (5)

I know each food chain starts with a green plant

I know every food chain ends with a carnivore or omnivore

corn → mouse → owl

grass → caterpillar → mouse → owl

I know that an animal can have different sources of food

E.g. I know a fox eats:
Rabbits, mice, rats, garden birds, earthworms, berries and fruit.

To explore the differences between things that are living, dead and things that have never been alive. (6)

Living

Animals, plants and humans are living things.
Living things need certain things to survive, such as water, food, shelter and air.

Non Living

Living things can die.
When something is dead, it was once living.
Some things were never live, such as rocks, water or toys

Vocab

Tier One

Plant
Animal
Water
food

Tier Two

Habitat	the natural home or environment of an animal or plant
Microhabitat	A much smaller habitat, e.g. under a rock or log
Life process	the series of actions, such as movement, growth, reproduction and nutrition
Environment	the surroundings or conditions in which a person, animal, or plant lives
Nutrition	the process of providing or obtaining the food necessary for health and growth.

Tier Three

Reproduction

Respiration

Excretion