



## Science

### Living Things

During this unit of work, children will learn about living things and their habitats. They will start the unit of work revisiting their previous learning including whether things are living, dead or have never been alive. They will then look at microhabitats and larger habitats identifying some animals that may live there. Children will compare habitats explored last half-term with the current habitats in the school grounds. Children will then conduct an investigation to see which type of conditions woodlice prefer in their habitat. After that they will look at how living things are adapted to their environment. Finally they will look at food chains within habitats.

Living, dead or never alive



Roast chicken is **dead** because it was alive but isn't anymore.



A pig is **living**.



A camera is **not a living thing**.

A habitat is where a living thing lives. Habitats provide things that living things need for the life processes such as **food, water and air**.

#### Examples of micro-habitats:

- flower beds
- trees
- bushes
- under rocks/logs
- ponds
- in the grass

#### Examples of large habitats:

- desert
- mountains
- polar regions
- jungle
- ocean
- savannah

#### Food Chains

Sometimes, scientists use food chains to show **what different animals eat in a habitat**. This is a simple food chain:



The arrows mean 'is eaten by'.  
The grass is eaten by the rabbit. The **rabbit is eaten by the fox**.

#### Key Vocabulary

**carnivore** - an animal that just eats meat

**change** - when something becomes different

**diet** - the food that an animal eats

**excretion** - to dispose of waste

**food chain** - a diagram that scientists use to show what different animals eat within a habitat

**growth** - to get bigger

**habitat** - where a living thing lives

**herbivore** - an animal that just eats plants

**movement** - to change position

**nutrition** - the food we eat

**offspring** - the babies that an animal produces

**omnivore** - an animal that eats both plants and meat

**reproduction** - producing offspring

**respiration** - taking in gas and giving out another (breathing in humans)

**sensitivity** - using your senses (see, smell, hear, touch, taste)

#### What came before?

Year 1—Animal Kingdom

#### What comes next?

Year 3—Jurassic World