



# Trailblazers Cycle A: Summer Term 1 - Living Things and their Habitats (Year 5) Overview, Vocabulary and Sticky Knowledge



## What do I already know about Living things and their habitats?

### In Little Explorers, I learned...

- Animals live in different places called habitats.
- Animals need air, food, water and shelter to survive.
- Dinosaurs lived on earth a long time ago. They no longer exist.

### In Big Explorers, I learned...

- Most living things live in habitats which suit them.
- Habitats provide safety.
- Habitats can be destroyed.
- A habitat is a place where animals and plants live.
- 7 characteristics of living things: Movement, Reproduction, Senses, Grow, Respire, Excrete, Nutrition

### In Philosophers, I learned...

- A vertebrate is an animal with a backbone.
- Classifying means organising information into groups or shared qualities
- An ecosystem is a community of living things.
- Conservation means to protect.

Challenging vocabulary.

Placental mammal, monotreme mammal

Words to learn.

Living organism, naturalist, primatologist, metamorphosis, fertilisation, reproduction, asexual

Words I should know.

Endangered, life cycles, processes, habitats, amphibians, reptiles, mammals

### Key facts I will learn...

- 1) Plants contain female and male cells.
- 2) Metamorphosis is the change in body form during the life cycle.
- 3) Birds and reptiles are born when the mother lays eggs and incubates them.



### Lesson Sequence



1. Understand the life processes of a plant.



2. Understand the life cycles of mammals.



3. Compare the life cycles of insects and amphibians.



4. Understand the life cycle of birds and reptiles.



5. Know about the life and work of Jane Goodall and David Attenborough.

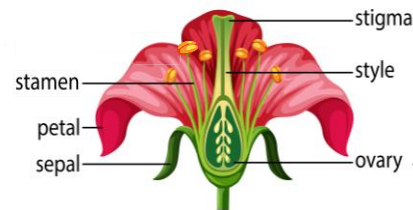


6. Research and present the life cycle of a creature.

### Reproduction in plants

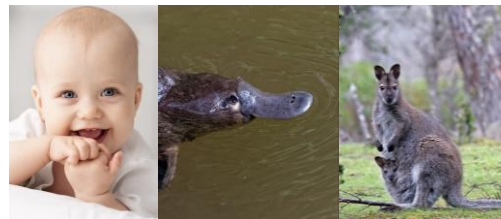
Plants contain both male and female cells. Some need to be pollinated in order to be fertilised. Others use asexual reproduction to reproduce.

#### Common Flower Parts



### Mammals

Mammals reproduce and give birth to live young. They can be either placental, monotreme or marsupial.



### Birds and Reptiles

Most birds and reptiles are born when the mother lays eggs and incubates them until they are ready to hatch. Once the egg is hatched, the baby is looked after by the mother before leaving the nest.

### Important People

David Attenborough and Jane Goodall study living things. They present the life of animals on earth and have made important documentaries so we can learn about the world around us.



### Metamorphosis

Amphibians are a bit different. Many are born live or underwater. They complete a metamorphosis as adults and can live and breathe on land.

Metamorphosis is the change in body form and habits during the life cycle.

