

# Year 5/6 Living things and their habitats Knowledge Organiser



## What do I know ?



- I can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals. (Y1)
- I know that animals (including humans) have offspring that grow into adults. (Y2)
- I know that reproduction is one of the seven life processes of a living thing- MRS GREN. (Y2/3/4)
- I know that animals and plants have a life cycle. (Y2)
- I can explain the function of a flower in a flowering plant. (Y3/4)
- I know the life cycle of a flowering plant. (Y3/4)

## Gems of knowledge



- I will learn that plants and animals reproduce (make copies of themselves).
- I will learn about the life cycles of fish, amphibians, reptiles, birds and mammals.
- I will learn that there are differences in the life cycles of living things.
- I will learn that there are differences in the reproduction of living things.

## How will I work like a Scientist?



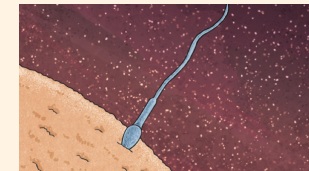
Report and present findings from enquiries in oral and written forms such as displays and other presentation.

Key vocabulary

Picture

Meaning

Sexual reproduction



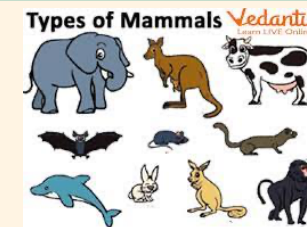
Two parents are needed to reproduce. The offspring is similar but not identical to either parent. (Plants/animals)

Asexual reproduction



One parent is needed to reproduce. The offspring is the exact copy of its parent. (Plants)

Mammal



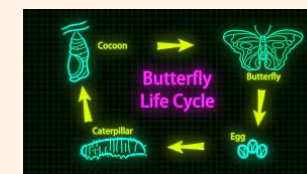
A warm-blooded animal with fur or hair on its skin. It has a skeleton inside its body. They feed their young with milk.

Amphibian



A cold-blooded animal that spends some time on land but also in water. They have a skeleton inside their body.

Metamorphosis



A sudden and remarkable change in an animal's appearance and behaviour.

## Significant Scientist



Jane Goodall is a **wildlife researcher** and **conservationist**. She studied chimpanzees for many years and discovered that they behaved similarly to humans e.g. felt emotions such as happiness and anger.

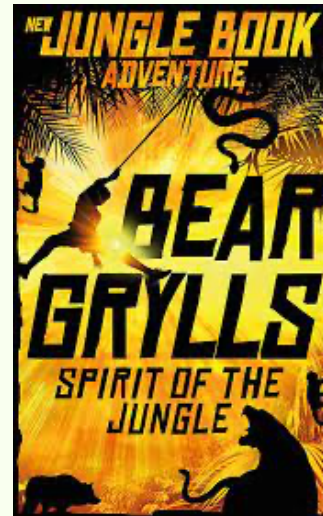


Careers in Biology (Animals)

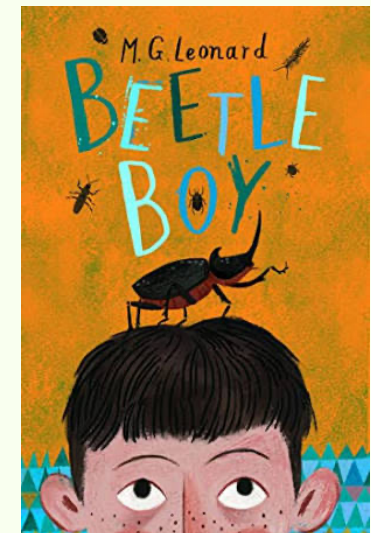


An **entomologist** studies insects and how they behave. A forensic entomologist helps to solve murder cases by studying the insects found on dead bodies to determine the timeline and location of a crime.

## Read me!



Spirit of the Jungle by  
Bear Grylls.



Beetle Boy by M. G.  
Leonard.