



Trailblazers Cycle B: Spring Term 1 - Living things and their habitats (Year 6)

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.

Linnaean system

Words to learn.

Classification, microorganism, living organism, species, microscopic, ecosystem, cell

Words I should
know.

Kingdom, habitat, animals, survival

Key facts I will learn...

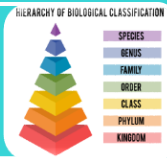
- 1) A living thing can be classified into different groups,
- 2) There are six kingdoms of life: animals, plants, fungi, bacteria, protozoa and ancient bacteria
- 3) A microorganism cannot be seen without a microscope.



Knowledge Organiser: Living Things and their Habitats

Year 6

Careers connected to Living Things and their habitats:
Zoologist, Veterinary Surgeon, Biologist



Lesson Sequence



1. Classify living things



2. Understand the Kingdoms of Life



3. Classify living things using the Linnaean system



4. Identify the characteristics of different types of microorganisms



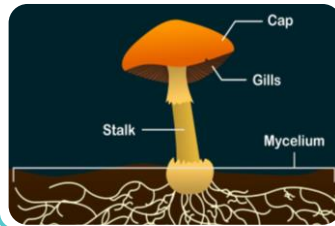
5. Investigate asexual reproduction through spore dispersal



6. Classify and describe a living organism

Fungi

Fungi gain energy from dead matter.

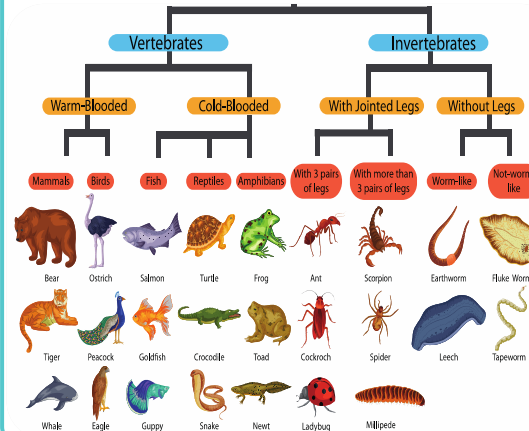


MRS GREN

M Movement
R Respiration
S Sensitivity
G Growth
R Reproduce
E Excretion
N Nutrition

Classification of Animals

Classification



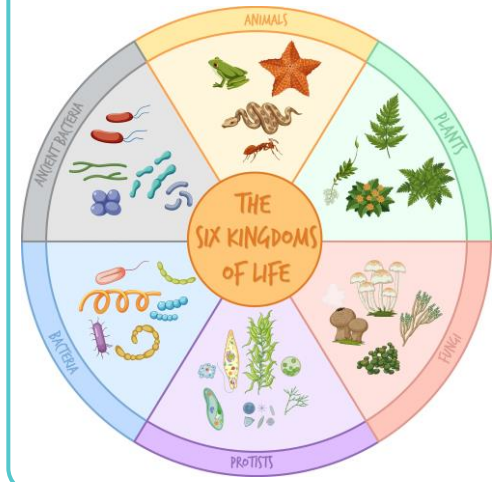
Carl Linnaeus

Carl Linnaeus created a system of classification, which ranks living things into groups in order to name their species.

DOMAIN	Eukarya
KINGDOM	Animalia
PHYLUM	Chordata
CLASS	Mammalia
ORDER	Primates
FAMILY	Hominidae
GENUS	Homo
SPECIES	Homo sapiens



Six Kingdoms of Life



Microorganisms

Antibiotics, yoghurt, cheese, wine and yeast are all **helpful bacteria**.

Mould, food poisoning and athletes foot are **harmful bacteria**.

