



Y5 Science

Plants and Animals

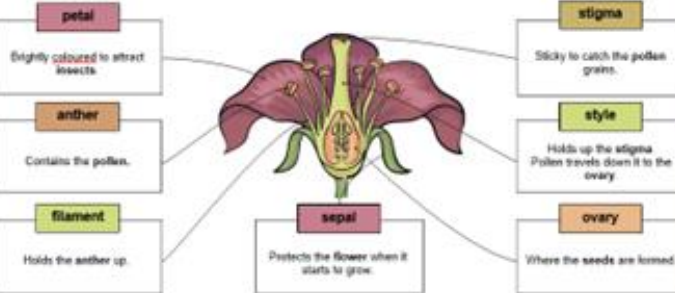


Animals can be categorised into vertebrates and invertebrates.

Reproduction in plants

The Flower

The flower's main job is to create new seeds to grow new plants. There are lots of different parts of the flower.



Reproduction is the process in which living things create **offspring** (children or babies). Offspring will have **DNA** from their parents and have similar characteristics. Some plants have **male and female** parts that they use for reproduction.

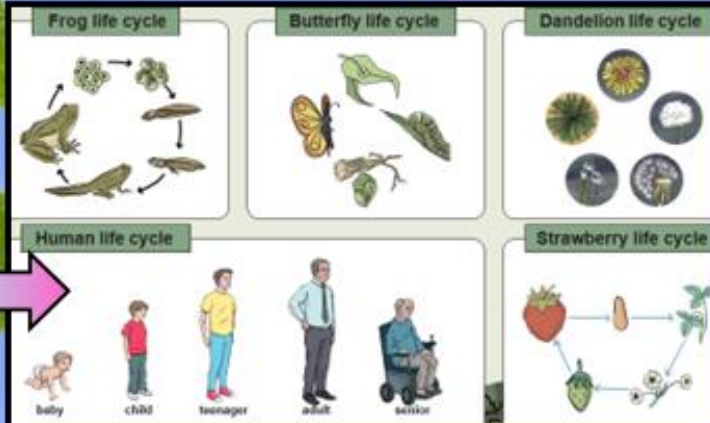
Movement
Respiration
Sensitivity

Growth
Reproduction
Excretion
Nutrition



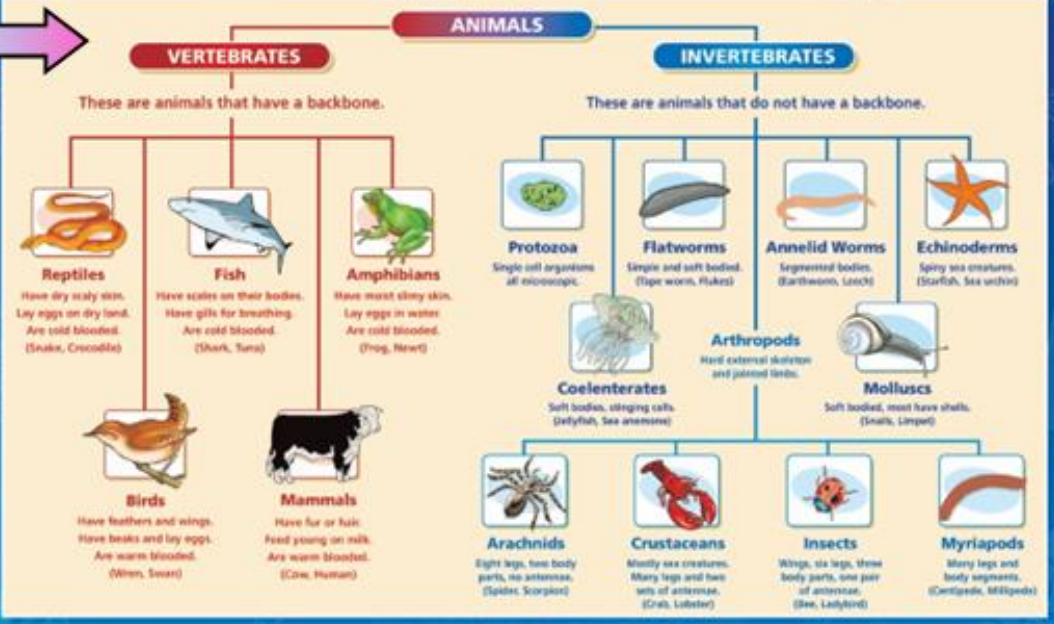
Mrs Gren

A human changes from infancy into adulthood. There are many stages.



CLASSIFICATION OF ANIMALS

This is the grouping together of animals with similar characteristics. Animals can be classed as either vertebrates or invertebrates.



David Attenborough - Animal Behaviourist



Key Knowledge:

- Animals can be grouped according to their similarities and differences.
- They can be categorised into two main groups: vertebrates (animals with a backbone) and invertebrates (animals without a backbone.)
- Vertebrates and invertebrates can be divided into smaller groups, depending upon their life cycles and features.
- Different classifications of animals have different life cycles and reproduce in different ways.
- Plants reproduce in two ways: pollination or through the production of spores.
- Humans change and develop up until old age.



Vocabulary	Definition
Life cycle	The changes a living thing goes through including reproduction.
metamorphosis	An abrupt and obvious change in the structure of an animals body and their behaviour.
pollination	The transfer of pollen to a stigma to allow fertilisation.
reproduction	The process of new living things being made. They differ according to the classification of the organism.
fertilisation	The action of fusing the male and female cells in order to develop an egg.
gestation	The length of a pregnancy.
classification	How animals are divided into groups by looking at the similarities and difference between them.
foetus	An unborn baby.
offspring	Children or babies.