



What should I know already?

Plants and animals rely on the environment to give them everything they need. Therefore, when habitats change, it can be dangerous to the plants and animals that live there.

Things I need to know -

Life Processes

To stay alive and healthy, all living things need certain conditions that let them carry out the seven life processes:

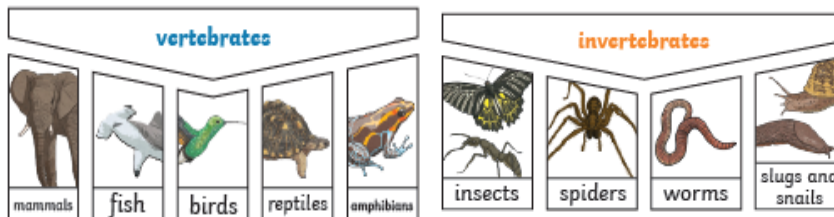
- Growth
- Reproduction
- Excretion
- Nutrition
- Movement
- Respiration
- Sensitivity

Plants can be sorted into many different groups. For example:



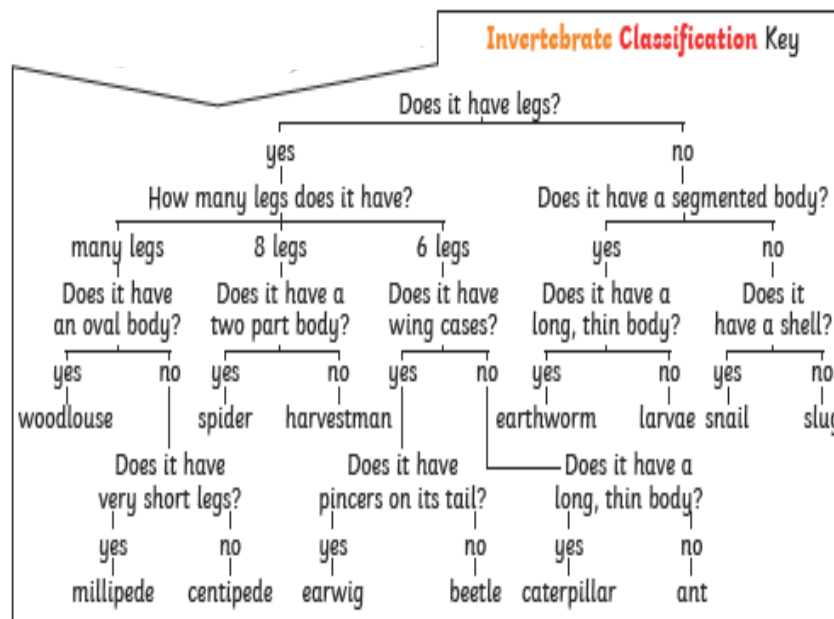
Diagrams

Animals can be grouped in lots of different ways based on their characteristics. Vertebrates can be separated into five broad groups.



Many living things on the planet are invertebrates.

Classification keys help to group, identify, and name a variety of living things. Here is an example of a classification key:



Vocabulary

Classification- This is where plants or animals are placed into groups according to their similarities.

Vertebrates- Animals with a backbone.

Invertebrates- Animals without a backbone.

Specimen- A particular plant or animal that scientist's study to find out about its species.

Characteristics- The distinguishing features or qualities that are specific to a species.

Organisms - Another word which means living things.

Life Processes - The actions which living things do to stay alive.

Sensitivity – The way which living things react to changes in their environment.

Reproduction – The process of where young are produced.

Excretion- The process by which living things get rid of waste products.

Nutrition – The process of obtaining food to provide living things with energy to live and stay healthy.

Habitat - The specific area or place in which animals or plants may live.

Environment – An environment contains many habitats; these areas are for both living and non-living things.

Endangered species - A lesser number of animals or plants which are in danger of becoming extinct. (None left on Planet Earth)

