

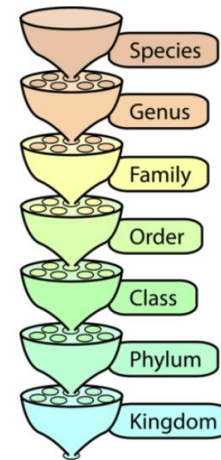
Year 6 Science Knowledge Organiser - Classification

Word	Definition
Amphibian	<ul style="list-style-type: none"> • Cold-blooded • Starts as eggs in water and breathe through gills • Later develop lungs and live on land and water • Lays eggs in water • Damp skin/body
Bird	<ul style="list-style-type: none"> • Warm-blooded • Breathes with lungs • Lays eggs with hard shells • Covered in feathers • Have wings (but not all can fly)
Fish	<ul style="list-style-type: none"> • Cold-blooded • Scales covering its body • Has fins • Lives in water, lays eggs in water • Breathes through gills
Invertebrate	Animals that do not have a backbone. Can be divided into several groups including insects, spiders, snails and worms.
Mammal	<ul style="list-style-type: none"> • Warm-blooded • Have fur or hairy skin • Give birth to live young • Feed their young milk
Plants	Can make their own food. They can be divided broadly into two main groups: flowering plants and non-flowering plants.
Reptile	<ul style="list-style-type: none"> • Cold-blooded • Breathes with lungs • Dry, scaly skin • Lay soft-shelled eggs on land.
Vertebrates	Animals that have a backbone. They can be divided into 5 groups: fish, amphibians, reptiles, birds and mammals.

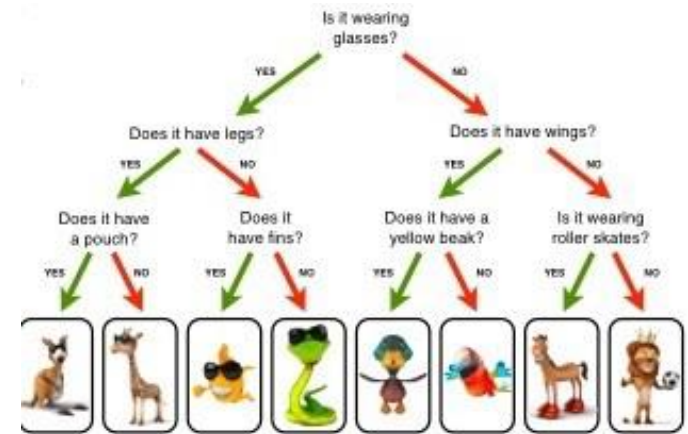
Things we need to know.

- Classification means to group living things based on similar characteristics.
- Understand that scientists have organised living things into 5 broad groups called kingdoms: plants, animals, fungi and minerals.
- To be able to group things (living and non-living) you need to use a classification key.
- There are three types of micro-organisms which are (bacteria, virus and fungi). Some bacteria can be helpful/beneficial for our health and some can be harmful to our health.

The seven levels of classification.



What is a classification key?
A classification key is a tool that uses **yes/no** questions to group living things.



Significant Scientist

Carl Linnaeus 1707- 1778

He was a botanist, zoologist and physician. He's most famous for simplifying the naming system scientists use to describe the millions of species on Earth.

Sticky knowledge is in **red!**

