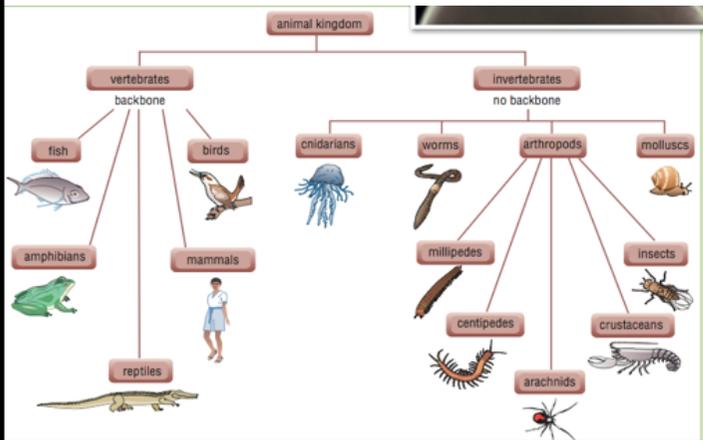


Living things and their habitats

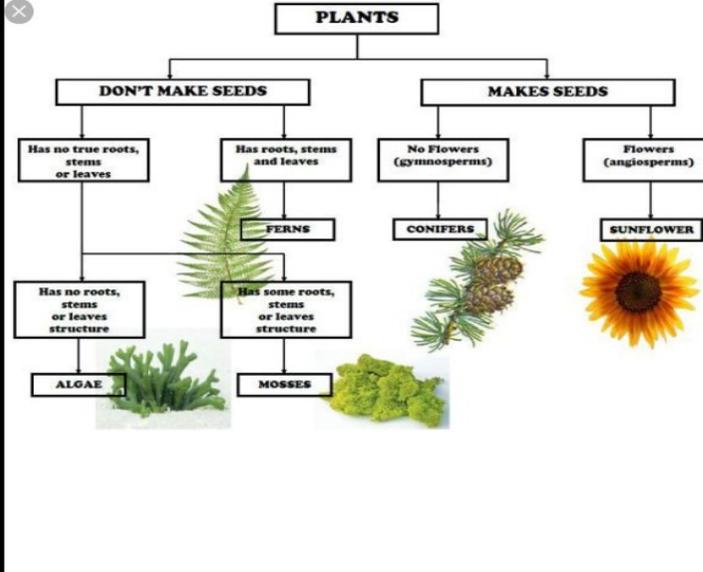
Year 6



Classification of animals



Classification of plants



Microorganisms

Microorganisms are very tiny living things. They are so small, a microscope is needed to see them. Microorganisms can be found all around us. They can live on and in our bodies, in the air, in water and on objects around us.



Famous scientists



Aristotle (1799-1847)

Philosopher and
scientist



Linnaeus (1707-1778)

Father of
classification

Key vocabulary

Organism: an individual animal, plant or single-celled life form

Classification: the arrangement of organisms into orderly groups based on similarities

Characteristics: the distinguishing features or quality of something

Vertebrate: an animal with a backbone

Invertebrate: an animal without a backbone

Microorganism: tiny living things which need a microscope to be seen

Key: a way of identifying different species, presented as a series of questions

Germ: a microorganism capable of causing disease

Prior learning

- We will recap what you learnt in year 3 and year 5 on **plants** where you learnt about conditions plants need to grow and survive. We will progress onto classifying plants.
- In year 4 you began to look at classification; we will use this knowledge to classify a range of vertebrates, invertebrates and microorganisms.
- Last year in year 5 you studied life cycles of plants; we will progress this further in year 6 through classifying a range of plants and looking at similarities and differences

Key questions

- What characteristics can we use to classify animals and plants?
- How can microorganisms be harmful/helpful?
- How can a key help sort organisms?