

How can classification help us to identify species?

Alive (structure and function)



Year 6



Key scientist – Carl Linnaeus

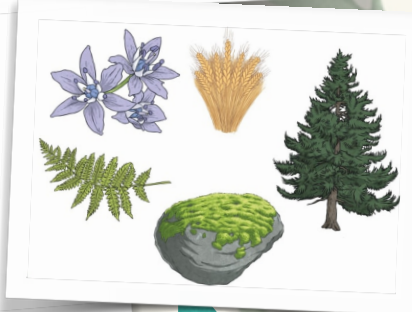
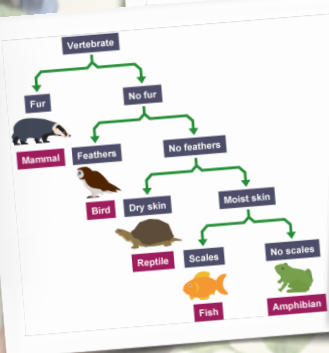
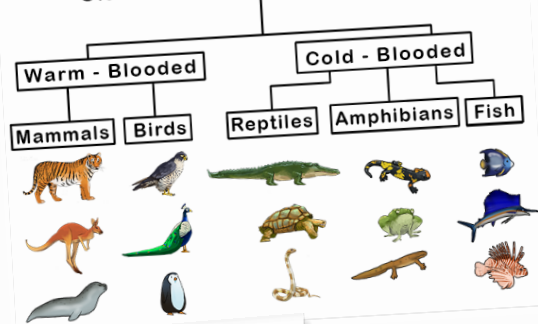


Carl Linnaeus created an organised system for naming and classifying all living things. His system is still used today and helps scientists understand how different species are connected.

Key learning

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
- give reasons for classifying plants and animals based on specific characteristics.

Classification of Vertebrates





Key vocabulary

amphibian	a cold-blooded vertebrate animal with moist skin that lives in water and then on land
bird	a warm-blood vertebrate with feathers that lays eggs
class	an animal class is made up of animals that are all alike in important ways for example reptiles, mammals, amphibians
classification	the arrangement of animals and plants in taxonomic groups according to their observed similarities
fish	a cold-blooded vertebrate animal that lives in water and breathes using gills
flowering plant	a plant that produces flowers to reproduce with seeds which are enclosed within a fruit
invertebrate	an animal without a backbone
mammal	a warm-blooded vertebrate animal that has hair or fur and breathes air
micro-organism	tiny living organisms that can only be seen through a microscope such as bacteria
non-flowering plant	A plant that does not produce flowers and reproduces in other ways
reptile	a vertebrate animal that has a dry scaly skin that lays eggs
vertebrate	an animal with a backbone



Working scientifically focus

- Observing and measuring 
- Recording data 
- Interpreting and communicating results 



Alive (Structure and Function) – Our Learning Journey

Year 1

- Animal body parts & types of animals
- Identifying trees and plants

Year 2

- Observing how plants grow

Year 4

- The digestive system

Year 5

- How humans change while they grow

Year 6

- Circulatory system
- Classifying plants and animals



Ethics

Are some species more important than others?

