

# Knowledge Organiser Science Year 6 Further Classification

## Key Vocabulary

Cell	the basic structural unit of living things
Unicellular	Organism made of a single cell
Multicellular	Organism made of many cells
Taxonomy	The study of classification
Taxonomist	A biologist who studies classification

## Classification terms

Kingdom	There are 5 kingdoms: Animal, Plant, Protocista, Fungi and Monera (bacteria).
Phylum	There are more than 30 phyla in the Animal Kingdom and 9 or 10 in the Plant Kingdom. Phylum Chordata is the one we are most familiar with as it includes humans, birds, fish and all other vertebrates.
Class	The various phyla are divided into classes. Phylum Chordata is divided into amphibians, birds, mammals, reptiles and fish.
Order	There is often disagreement about the order of a living thing. Different sources group creatures in different orders or families.
Family	This is a way scientists group similar genera (genus) together.
Genus	Two or more species that share unique characteristics.
Species	A group of individuals that breed together to produce fertile offspring.

## Classification

Living things can be classified into broad groups according to observable characteristics that are similar or different

Classification route diagram



## Naming species

The genus is the first part of the scientific name of a species

***Felis catus***

The species is the second part of the name

