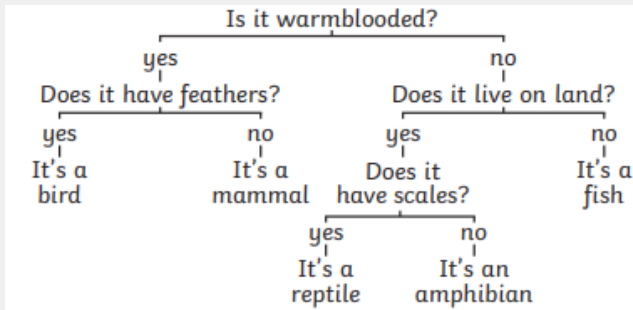
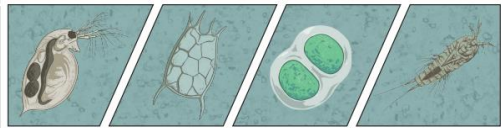


Vocabulary

characteristics	Special qualities or appearances that make an individual or group of things different to others.
classify	To sort things into different groups
key	A key is a series of questions about the characteristics of living things. A key is used to identify a living thing or decide which group it belongs to by answering 'yes' or 'no' questions (see below)



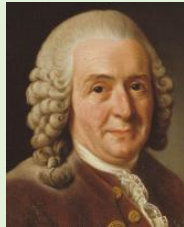
taxonomist	A scientist who classifies different living things into categories.
species	A group of animals that can reproduce to produce fertile offspring.
bacteria	A single-celled microorganism.
microorganism	An organism that can only be seen using a microscope, e.g. bacteria, mould and yeast.



microscope	A piece of equipment that is used to view very tiny (microscopic) things by magnifying their appearance.
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Key Knowledge

Important People:



Carl Linnaeus
1707-1778

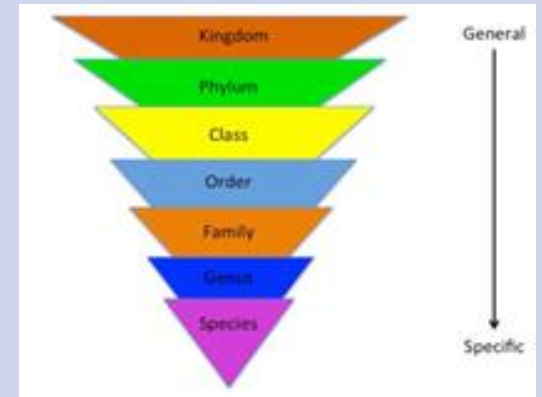


Eva Crane
1912 - 2007



Dame Jane Goodall
1934-

The Linnaeus System



In 1735, Swedish Scientist Carl Linnaeus first published a system for classifying all living things. An adapted version of this system is still used today: The Linnaeus System.

Living things can be classified by these eight levels. The number of living things in each level gets smaller until the one animal is left in its species level.

Each species is given a name using Latin words so that the same name can be used all over the world.

Domain: Eukarya	jackal, clownfish, cat, dog, ladybird, daisy, rabbit, fox
Kingdom: Animalia	jackal, clownfish, cat, dog, ladybird, rabbit, fox
Phylum: Chordata	jackal, clownfish, cat, dog, rabbit, fox
Class: Mammalia	jackal, cat, dog, rabbit, fox
Order: Carnivora	jackal, cat, dog, fox
Family: Canidae	jackal, dog, fox
Genus: <u>Canis</u>	jackal, dog
Species: <u>Lupus</u>	dog

This is how a dog would be classified.

Helpful Microbes	Harmful Microbes
Bacteria - cheese	Bacteria - salmonella is a bacterium that can lead to food poisoning
Yeast - wine	Virus - chicken pox and flu are examples of viral diseases
Bacteria - yoghurt	Fungi - athlete's foot
Yeast - bread dough	Bacteria - plaque
Penicillium fungi - antibiotics	Fungi - mould
Flowering Plants	Non-flowering Plants
bluebell poppy rose dandelion daisy honeysuckle ivy snowdrop	ferns pine moss