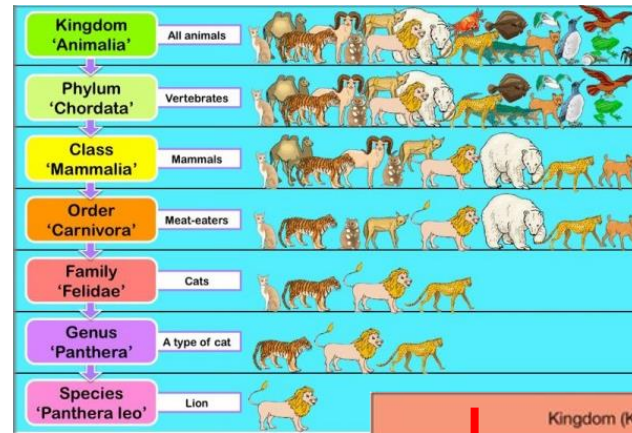


Knowledge Organiser Year 6 Science: Living things

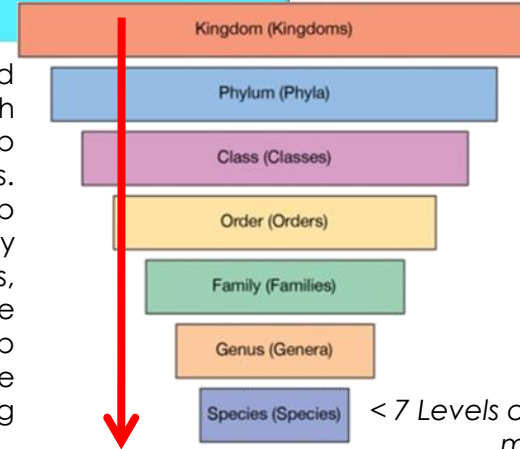
Concept: Evolution

Key Vocabulary	Things we already know
classification	the arrangement of organisms into groups based on their similarities and evolutionary relationships
taxonomy	the science of naming, identifying and classifying organisms
organism	an individual animal, plant or single-celled life form
micro-organism	an organism which is microscopic, making it too small to be seen by the human eye
bacteria	tiny organisms that are everywhere around us.
species	a group of closely related organisms that are very similar to each other and are usually capable of producing offspring
genus	the group an organism belongs to
vertebrate	an animal that has a backbone
invertebrate	an animal that does not have a backbone
mammal	an animal that gives birth to live young
amphibian	an animal with an internal skeleton that lives both in and out of water
reptile	animals that are cold-blooded., lay eggs and their skin is covered with hard, dry scales
insect	an animal with 6 legs

How plants/ animals are classified

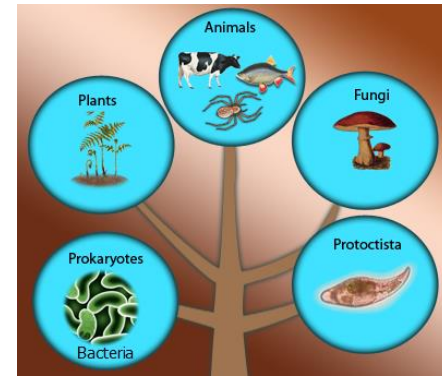


Living things are divided into groups, with members of each group having similar features. Each time we divide up the living things by particular characteristics, the groups become smaller until we end up with the a single organism being identified.



Classification of plants and animals

The 5 Kingdoms



Carl Linnaeus is famous for his work in **taxonomy**.

< 7 Levels of Classification model

warm-blooded ANIMALS

Body temperature stays the same when its cold or hot outside.

Cold-blooded ANIMALS

Body temperature depends on whether its cold or hot outside.

