

Year 6 Term 3: Living Things and their Habitats

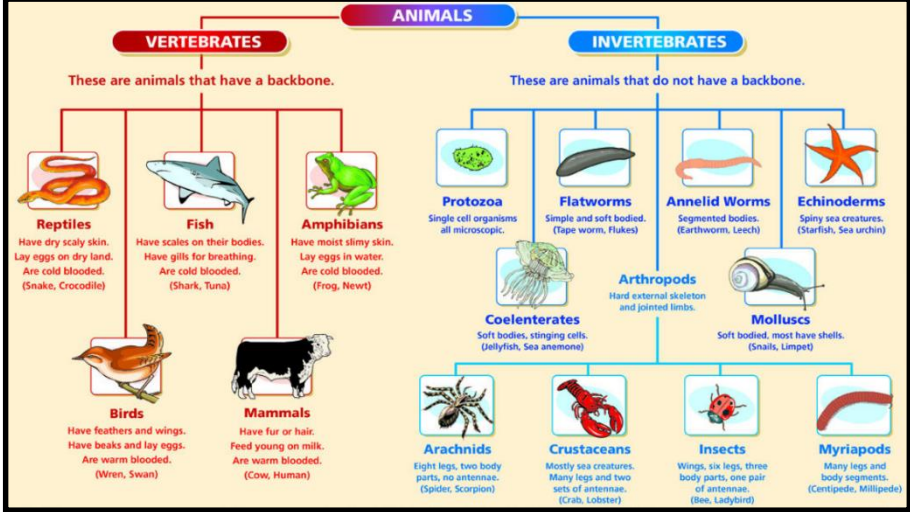
Classification of animals

Famous Scientists



Aristotle
(384-382 BC)
Philosopher and Scientist

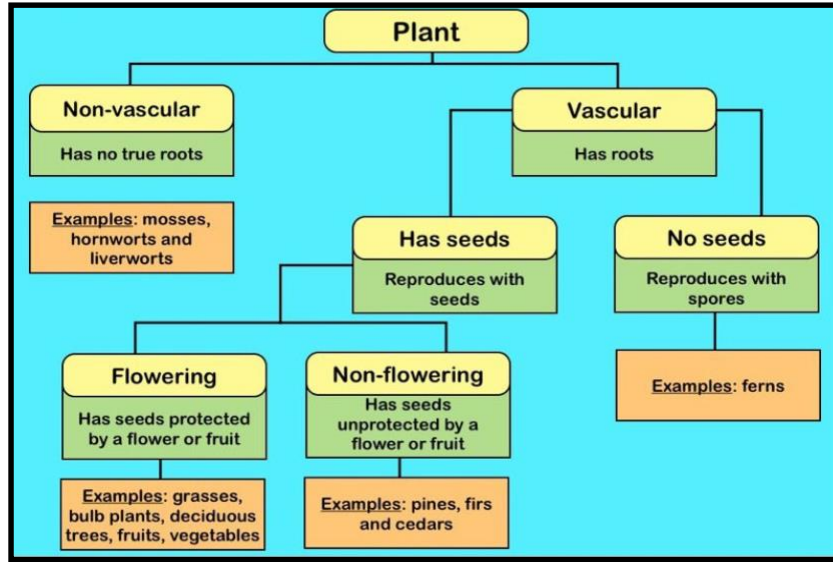
Carl Linnaeus
(1707-1778)
Father of Classification



The 7 Levels of Classification

Kingdom	5 widely accepted kingdoms for classification: <u>monera</u> , <u>protists</u> , fungi, plants and animals.
Phylum	Divisions based on shared physical characteristics among organisms.
Class	Classes are based on very important, and more detailed, similarities.
Order	Orders are based on characteristics listed on a taxonomy key.
Family	Groups of organisms that share certain adaptive traits. They have a common <u>ancestry</u> .
Genus	A way to describe the generic name for an organism.
Species	Species is the specific name given to a living organism.

Classification of plants



Vocabulary Dozen	
algae	A single or multi-cellular organism that has no roots, stems or leaves and is often found in water.
bacteria	Tiny little organisms that are everywhere around us.
characteristic	A feature or quality belonging to a person or animal.
classification	The arrangement of organisms into orderly groups based on their similarities and presumed evolutionary relationships.
environment	The natural surroundings in which you live or exist, in relation to either physical characteristics or weather conditions.
habitat	A classification or group of living organisms. This means they are not animals, plants, or bacteria.
invertebrate	An invertebrate animal does not have a backbone and 97% of creatures belong to this group.
micro-organism	An organism which is microscopic, making it too small to be seen by the human eye.
organism	An individual animal, plant or single-celled life form.
species	A group of closely related organisms that are very similar to each other and are usually capable of producing offspring.
taxonomy	The science of naming, identifying and classifying organisms.
vertebrate	A vertebrate animal is one that has a backbone.

Human Classification – from vague to specific

