

Year 6: Who is Carl Linnaeus?

Subject Specific Vocabulary		Interesting Books	Sticky Knowledge about Classification of animals
micro-organism	Micro-organisms are tiny. They are so small they can only be seen with a microscope.		☐ The largest vertebrate is the blue whale, which can grow to 25m long and weighs 140,000kg.
vertebrates	A vertebrate animal is one that has a backbone.		☐ The smallest vertebrate is thought to be a tiny frog called the Paedophryne amauensis. It only grows to about 8mm in length.
invertebrates	An invertebrate animal does not have a backbone and 97% of creatures belong to this group.	A Scientist just like me 	☐ Vertebrates tend to be much more intelligent than invertebrates.
species	This is the grouping together of similar types of plants, animals and other organisms that can reproduce with each other.		☐ Vertebrate animals can be either warm or cold-blooded. A cold-blooded animal cannot maintain a constant body temperature. The temperature of their body is determined by the outside surroundings.
fungi	Fungi are a classification or group of living organisms. This means they are not animals, plants, or bacteria.	Carl Linnaeus Important facts to know by the end of the classification of animals topic:	☐ An invertebrate is an animal that does not have a backbone. 97% of all animal species are invertebrates.
monera	The whole organism is made up of just one cell. This cell is more basic than cells of other organisms.		☐ Frogs can breathe through their skin.
bacteria	Bacteria are tiny little organisms that are everywhere around us.	• Be able to classify living things into broad groups according to observable characteristics and based on similarities and differences. • Know how living things have been classified. • Give reasons for classifying plants and animals based on specific characteristics.	☐ There are a wide variety of interesting ocean animals that are invertebrates. These include sponges, corals, jellyfish, anemones, and starfish.
protista	Protists are not animals, plants, fungi, or bacteria. Many protists are so small that people can see them only through a microscope.		
algae	Algae is a single or multi-cellular organism that has no roots, stems or leaves and is often found in water.		
Carl Linnaeus	Carl Linnaeus is famous for his work in Taxonomy, the science of identifying, naming and classifying organisms (plants, animals, bacteria, fungi etc.).		