St. Paul's C of E VA Primary and Nursery School
Knowledge Organisers

Year Group: Year 6
Topic: Classification



Carl Linnaeus

Carl Linnaeus (Carl von Linne), 1707- 1778, Sweden.
Botanist (scientific study of plants), zoologist (study in the classification of animals) and physician (medical professional).

Created the **binomial nomenclature** system to classify living things (plants and animals).

Science Vocabulary Dozen			
Micro-organisms	A living thing too small to been seen by the human eye.	**Annelids**	An invertebrate that is a segmented worm.
Invertebrate	Animals without a backbone.	**Arachnid**	Small invertebrate usually with 8 legs.
Vertebrate	Animals with a backbone or spinal column.	**Species**	A group of living things that are closely related.
Arthropod	An invertebrate with an exoskeleton an a segmented body.	**Bacteria**	A single celled micro-organism that can live anywhere.
Insect	A small arthropod animal that has six legs and three body parts.	**Deciduous**	Plants that shed their leaves annually.
Molluscs	Invertebrate with an unsegmented body that can have a hard shell.	**Coniferous**	Evergreen plants usually with needle-shaped or scale-like leaves, pines or cones.

Animal Kingdom

Animals can be classified in 2 main groups and then sub-divided further.

Invertebrates	Annelida worms- earthworms, leech	**Vertebrates**	Bird- penguin, owl, ostrich.
	Arthropods-spiders, ant, butterfly		Fish- tuna, shark, pike
Animals without a backbone.	Molluscs-Snail, squid, octopus	Animals with a backbone.	Mammal- bat, dolphin, whale, humans
	Flatworm- moon flatworm, tape worm		Reptile- snake, crocodile, turtles.
	Echinodermata- starfish, sea urchin.		Amphibian- toad, salamander,frog

Branching database

