

Knowledge Organiser Year 6

Unit: Living Things and their habitats

The six living kingdoms are: animals, plants, fungi, bacteria, protists and archaea.

Carl Linnaeus' book called 'Systema Naturae' laid out the classification of living things.

Plant phyla have no roots, leaves or stems.



ROCKET WORDS

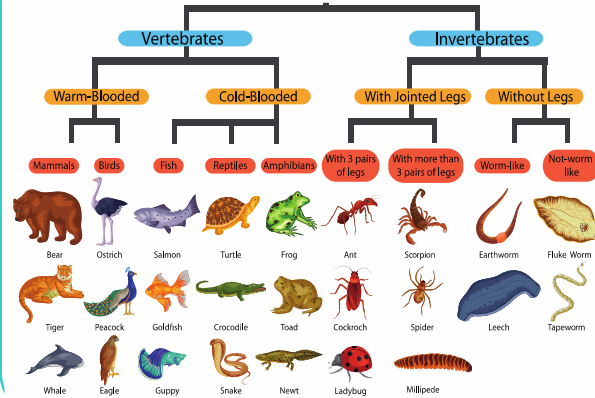
Learn these words and their definitions.

Key Word	Definition
classify	To organise by class, which is a group that has something in common.
prokaryote	A cellular organism which has no nuclear membrane.
species	The smallest class of organisms.
vertebrate	An animal with vertebrae – having a backbone or spinal column.
invertebrate	An animal without a backbone or spinal column.
microorganism	A tiny, microscopic organism such as bacteria, virus or fungus.
kingdom	A category grouping together all forms of life, having certain characteristics in common.

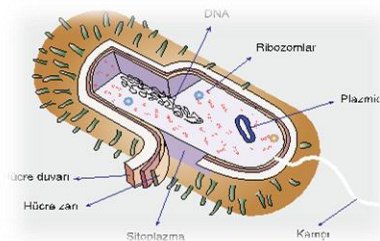
MRS GREEN : Processes



Classification



Prokaryote Cell



FACTOIDS:

Can you find out more?

Q1. What is soil a habitat to?

A1. Soil mainly contains micro-organisms, of which there are billions.

Q2. What is an ecosystem?
A community of interactive living things which rely on each other to live and grow.

Q3. What does Homo Sapiens mean?

Home is the Latin word for man and sapiens means wise.

Learning Question

1

•What are the characteristics of some classes of living things?

2

•Further exploration of living things

3

•What are the characteristics of some phyla of plants?

4

•How do we classify invertebrates?

5

•How are the plants and animals in our local area classified?

Unit: Living Things and their Habitats

This unit is designed to help you understand the way living things are classified and how they interact with each other for survival. You can learn about how to think about different living things by the mnemonic MRS GREEN. This unit can also help you think about the importance of habitats and how we should help conserve them.

Many jobs require an understanding of classification, anatomy and habitat, such as vets, doctors, environmentalists and scientific researchers. In any case, we rely on the animal and plant kingdoms to survive, so it's best we know how to conserve them!

