



Knowledge Organiser

Science Year 4 Topic: Living things and their habitats

Prior Knowledge

Describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, bird and mammals, including pets)

Identify and name a variety of plants and animals in their habitats, including micro-habitats.

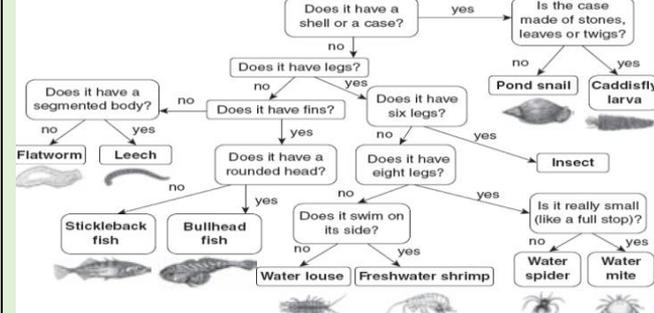
Identify and name a variety of common wild and garden plants, including deciduous and evergreen trees.

Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals

Application of Knowledge

Recognise that living things can be grouped in a variety of ways.

Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.



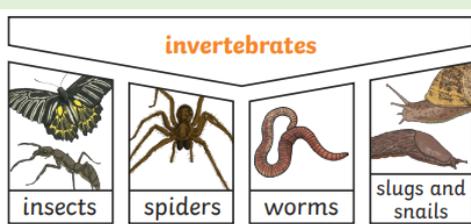
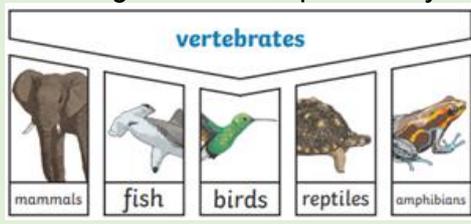
Recognise that environments can change and that this can sometimes pose dangers to living things

What will I know by the end of this topic?

What classification means
 What is the difference between invertebrate and vertebrate
 What migration means
 What hibernation means
 What an environment is
 How humans have a negative impact on the environment
 What an endangered animal/species may be

Key Vocabulary

organisms	This is another word that can be used to mean 'living things'
habitat	The specific area or place in which animals or plants may live.
environment	There are many habitats, and these include areas where there are both living and non-living things.
endangered	there are few of their species left and the species may become extinct.
extinct	When a species has no more members alive on the planet, it is extinct.
MRS GREN or MRS NERG	
classification	Where plants or animals are placed into groups according to their similarities
vertebrate	Animals with a backbone
invertebrate	Animals without a backbone
specimen	A particular plant or animal that scientists' study to find out about its species.
characteristics	The distinguishing features or qualities that are specific to a species



Famous Scientist

Books/ Websites

Carolus Linnaeus -
<https://www.britannica.com/biography/Carolus-Linnaeus>

Animal Sidekicks – Macken Murphy
<https://www.bbc.co.uk/bitesize/articles/zww9r2p>