Key Learning

Describe features of plants and animal and compare similarities and differences between sub-groups, recognising that all living things can be grouped in different ways.

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

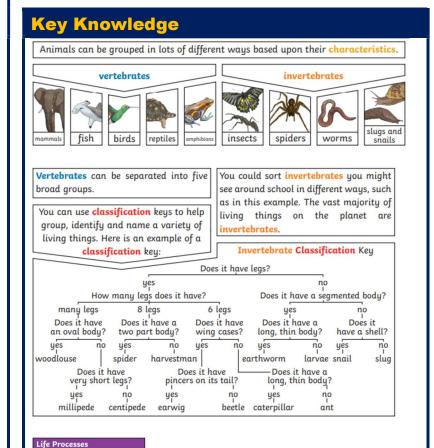
Recognise that environments can change and that this can pose dangers to living things.

Describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.

Use keys based on external features to help identify and group living things systematically.

Year 4/5 Science: Living things and their habitats





To stay alive and healthy, all living things need certain conditions that let them carry out the seven

Reproduction

Excretion

Nutrition

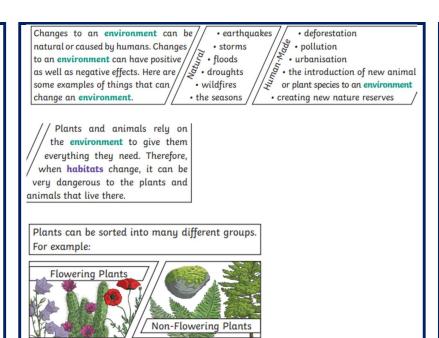
Movement

Respiration

Sensitivity

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Key Vocabulary		
organisms	This is another word that can be used to mean 'living things'.	
life processes	The things living things do to stay alive.	
respiration	A process where plants and animals use oxygen gas from the air to help turn their food into energy.	
sensitivity	The way living things react to changes in their environment.	
reproduction	The process through which young are produced.	
excretion	The process by which living things get rid of waste products.	
nutrition	The process of obtaining food to provide living things with energy to live and stay healthy.	
habitat	The specific area or place in which particular animals or plants may live.	
environment	An environment contains many habitats and these include areas where there are both living and non-living things.	
endangered species	A plant or animal where there are not many of their species left and scientists are concerned that the species may become extinct.	
extinct	When a species has no more members alive on the planet, it is extinct.	

Key Scientific Vocabulary



Investigation Questions

What affects habitats?

Common Misconceptions

Whales, jellyfish, and starfish are all fish.

Varying the population size of a species may not affect an ecosystem because some organisms are not important.

Key Vocabulary		
classification	This is where plants or animals are placed into groups according to their similarities.	
vertebrates	Animals with a backbone.	
invertebrates	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.	