
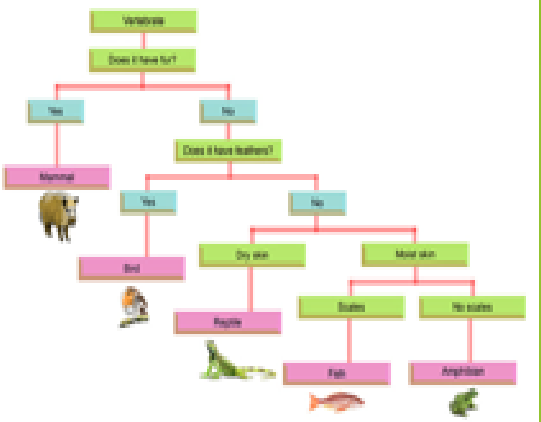


## YEAR 4 SCIENCE – Living things and their habitats

Tier 3 Vocabulary	Knowledge Facts	Book Curriculum and other Recommended Reads
Life processes- what living things must do to stay alive.	The 7 life processes are movement, respiration, sensitivity, nutrition, excretion, reproduction, growth. Use the acronym MRS NERS to remember them!	
Respiration- intake of oxygen.	All animals can be grouped into vertebrates or invertebrates.	
Sensitivity-being able to sense your surroundings, such a change in temperature.	All animals can be further grouped into: invertebrates, fish, amphibians, reptiles, birds and mammals.	
Nutrition-taking 'food' and using it for energy.	A classification key is a series of questions about the organism's physical characteristics. The answers will either branch off to another question or will identify your unknown organism.	
Excretion- getting rid of waste from the body.	Natural environmental changes include avalanches, droughts, earthquakes, flooding, hurricanes, tornadoes, tsunamis, volcanic eruptions and wildfire.	
Reproduction- parents creating offspring.	5 ways in which environments are changed by humans are deforestation, <u>over fishing</u> , climate change, pollution, and over population.	
Organism-an individual animal, plant, or single-celled life form.	<p><b>National Curriculum End Points</b></p> <p>Recognise that living things can be grouped in a variety of ways.</p> <p>Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment.</p> <p>Recognise that environments can change and that this can sometimes pose dangers to living things.</p>	
Vertebrate- a living thing with a backbone.		
Invertebrate- a living thing without a backbone.		
Amphibian- a <u>cold blooded</u> vertebrate such as frogs.		
Reptile- a <u>cold blooded</u> vertebrate, which lays eggs and is often scaly.		
Mammals- warm blooded vertebrates which usually have fur/hair, give birth to live young and feed them with milk.		
Environment- the surroundings or conditions in which a person, animal, or plant lives.		

Organism classification key