

Year 4: Living Things and their Habitats Knowledge Mat

Subject Specific Vocabulary		Classification Keys	Sticky Knowledge about Classification of animals
habitats	The non-living surroundings where organisms live.	<pre> graph TD Q1[Has the mini-beast got legs?] -- Yes --> Q2[Has it got wings?] Q1 -- No --> Q3[Has it got a shell?] Q2 -- Yes --> Q4[Has it got more than eight legs?] Q2 -- No --> Q5[Is it active at night?] Q3 -- Yes --> S1[Snail] Q3 -- No --> S2[Worm] Q4 -- Yes --> S3[Centipede] Q4 -- No --> S4[Spider] Q5 -- Yes --> S5[Bat] Q5 -- No --> S6[Butterfly] </pre>	<ul style="list-style-type: none"> ❑ The largest vertebrate is the blue whale, which can grow to over 100 feet long and 400,000 pounds. ❑ The smallest vertebrate is thought to be a tiny frog called the Paedophryne amauensis. It only grows to about 0.3 inches long.
vertebrates	A vertebrate animal is one that has a backbone.		<p>Important facts to know by the end of the classification of animals topic:</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>
invertebrates	An Invertebrate animal does not have a backbone and 97% of creatures belong to this group.	<ul style="list-style-type: none"> ❑ An invertebrate is an animal that does not have a backbone. 97% of all animal species are invertebrates. ❑ Frogs can breathe through their skin. 	
species	This is the grouping together of similar species of plant, animal and other organisms.	<ul style="list-style-type: none"> ❑ There are a wide variety of interesting ocean animals that are invertebrates. These include sponges, corals, jellyfish, anemones, and starfish. 	
mammals	People are mammals. So are dogs, cats, bats, hedgehogs, dolphins and whales. If an animal drinks milk when it is a baby and has hair on its body, it belongs to the mammal class.		
birds	Birds are animals that have feathers and that are born out of hard-shelled eggs.		
fish	Fish are vertebrates that live in water and have gills, scales and fins on their body.		
reptiles	Reptiles are a class of animal with scaly skin. They are cold blooded and are born on land. Snakes, lizards, crocodiles, alligators and turtles all belong to the reptile class.		
amphibians	Amphibians are born in the water. When they are born, they breathe with gills like a fish. But when they grow up, they develop lungs and can live on land.		
arthropods	Any animals that have more than four, jointed legs are arthropods. Insects, spiders and crustaceans all belong to this class of animals.		