







# Y3/4 Science Knowledge Organiser: Classifying Living Things and their Habitats

There are over 8 million different species of living things on our Earth.

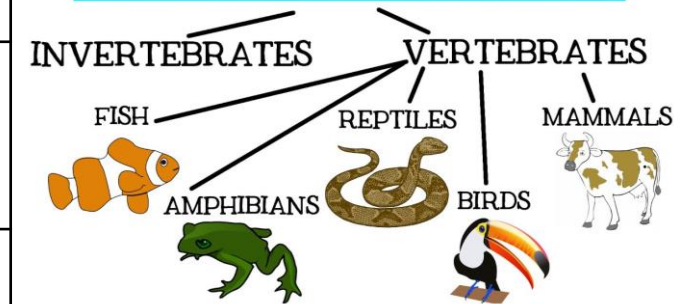
## Words to Learn

Key Word	Definition
<b>classify</b>	To arrange or group things into categories depending on characteristics.
<b>vertebrate</b>	An animal with a backbone.
<b>invertebrate</b>	An animal without a backbone.
<b>cold-blooded</b>	An animal whose body temperature varies with the environment they are in, i.e. fish.
<b>warm-blooded</b>	Animals that maintain a regular body temperature
<b>sample</b>	A small amount of something to show what the whole of it may be like.
<b>exoskeleton</b>	An external covering of the body found in some invertebrates such as arthropods.
<b>creature</b>	An animal, distinct from a human being.

Type	Food	Body	Blood
<b>Mammal</b> 	Can be carnivorous, omnivorous or herbivorous	<ul style="list-style-type: none"> <li>Hair and fur</li> <li>Four-chambered hearts</li> <li>Females give milk</li> <li>Have teeth</li> <li>Vertebrates</li> </ul>	Warm-Blooded
<b>Insect</b> 	Can be carnivorous or herbivorous	<ul style="list-style-type: none"> <li>Made up of a head, thorax and abdomen</li> <li>Six legs</li> <li>Invertebrates</li> </ul>	Cold-Blooded
<b>Bird</b> 	Can be carnivorous, omnivorous or herbivorous	<ul style="list-style-type: none"> <li>Feathers</li> <li>Wings</li> <li>Beaks</li> <li>Lays eggs</li> <li>Vertebrates</li> </ul>	Warm-Blooded
<b>Fish</b> 	Mostly carnivorous	<ul style="list-style-type: none"> <li>Breathe with gills</li> <li>Scales</li> <li>Fins</li> <li>Can swim</li> <li>Most are vertebrates</li> </ul>	Cold-Blooded
<b>Amphibian</b> 	Can be carnivorous or herbivorous	<ul style="list-style-type: none"> <li>Live in water or land</li> <li>Can breathe through gills or lungs</li> <li>Vertebrates</li> </ul>	Cold-Blooded
<b>Reptile</b> 	Can be carnivores or omnivorous	<ul style="list-style-type: none"> <li>Most lay eggs</li> <li>Has scales</li> <li>Live in water or land</li> <li>Vertebrates</li> </ul>	Cold-Blooded

Scientists classify living things by their different characteristics.

## ANIMAL CLASSIFICATION



A habitat is a natural environment for any type of living organism.

