








# KNOWLEDGE ORGANISER: Science Year 2 Block 1

Animal groups	
<b>Mammals</b> <ul style="list-style-type: none"> <li>- They grow hair or fur</li> <li>- They feed on milk as babies</li> <li>- They have live young</li> <li>- Some live on land and some live in water</li> </ul> 	<b>Birds</b> <ul style="list-style-type: none"> <li>- They grow feathers</li> <li>- They have 2 wings</li> <li>- They lay eggs</li> <li>- Some can fly and some cannot</li> </ul> 
<b>Amphibians</b> <ul style="list-style-type: none"> <li>- They have moist, smooth skin</li> <li>- They have gills as babies and most lose their gills when they are older</li> <li>- They lay eggs</li> <li>- They can live both on land and in water</li> </ul> 	<b>Fish</b> <ul style="list-style-type: none"> <li>- Most have wet scales</li> <li>- They have gills and fins</li> <li>- They mostly live in water</li> <li>- They lay eggs</li> </ul> 
	<b>Reptiles</b> <ul style="list-style-type: none"> <li>- They have dry scales</li> <li>- They often bask in the sun</li> <li>- Most lay eggs</li> </ul> 

Key vocabulary	
<b>Carnivore</b>	A <b>carnivore</b> is an animal that only eats other animals (meat).
<b>Herbivore</b>	A <b>herbivore</b> is an animal that only eats plants.
<b>Omnivore</b>	An <b>omnivore</b> is an animal that eats both plants and other animals.
<b>Insectivore</b>	An <b>insectivore</b> is an animal that eats minibeasts such as insects, worms and spiders.

Basic needs for survival		
<b>Food</b> Animals must eat food to survive. They may be carnivores, herbivores or omnivores.	<b>Air</b> All animals breathe. This could be through, mouths, noses, skin or gills.	<b>Shelter</b> Animals need shelter to help keep them safe.
<b>Water</b> All animals need water to survive.	<b>Direct heat</b> Many reptiles need direct heat from the sun.	



Food



Air



Water



Shelter