



**What I should already know.**

- The names of some common animals
- The parts of the human body and how they are associated with each sense.

**What I will know by the end of the unit.**

What are vertebrates?

**Vertebrates** are animals that have a **backbone**.  
There are five groups of **vertebrates**:

- mammals
- fish
- birds
- reptiles
- amphibians

What are mammals?

- give birth to live young
- usually have hair or fur
- **warm-blooded**
- cannot breathe underwater
- some common mammals are:
  - **pets** such as dogs, cats, hamsters
  - **farm** animals such as cows, sheep and horses
  - **wild animals** such as foxes, hedgehogs, lions and giraffes
  - humans

What are fish?

- have fins and scales
- breathe underwater using **gills**
- lay eggs in water
- **cold blooded**
- some common fish are salmon, cod and tuna

What are birds?

- **warm-blooded**
- have wings and beaks
- have feathers
- lay eggs
- some common birds are ducks, chickens, penguins and pigeons

What are reptiles?

- **cold-blooded**
- lay eggs
- have scales
- cannot breathe underwater
- some common reptiles are snakes and lizards

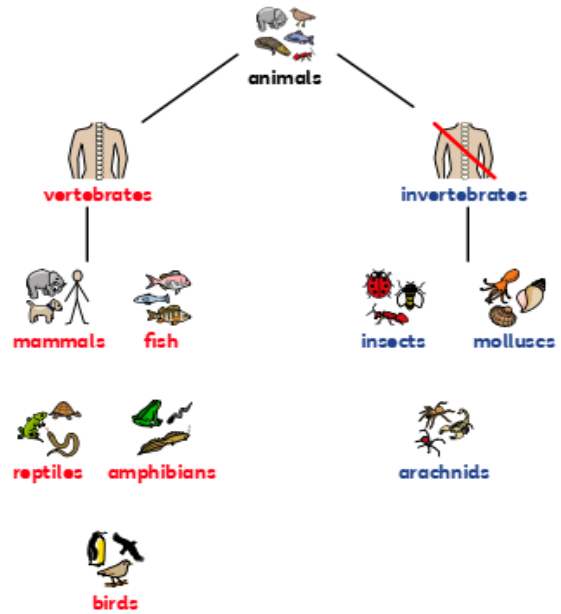
What are amphibians?

- **cold-blooded**
- lay eggs
- live on land and water – can breathe underwater through gills
- some common amphibians are frogs and toads

What are invertebrates?

- **invertebrates** are animals that do not have a **backbone**
- They include:
  - insects such as flies, ladybirds and bees
  - arachnids such as spiders
  - molluscs such as snails

**Diagram**



**What do animals eat?**

- Animals that only eat meat (other animals) are called **carnivores** (examples include lions and eagles)
- Animals that only eat plants are called **herbivores** (examples include cows and giraffes)
- Animals that eat plants and meat are called **omnivores** (examples include humans and pigs)

**Vocabulary**

<b>backbone</b>	the column of small linked bones down the middle of your back
<b>carnivores</b>	an animal that eats meat
<b>cold-blooded</b>	a body temperature that changes according to the surrounding temperature
<b>environment</b>	all the circumstances, people, things and events around them that influence their life
<b>farm</b>	an area of land used to produce crops or to breed animals and livestock
<b>gills</b>	the organs on the sides of fish and other water creatures through which they breathe
<b>herbivore</b>	an animal that only eats plants
<b>invertebrate</b>	a creature that does not have a spine, for example an insect, a worm, or an octopus
<b>omnivore</b>	person or animal who eats all kinds of food, including both meat and plants
<b>pet</b>	a tame animal kept in a household
<b>temperature</b>	a measure of how hot or cold something is
<b>vertebrate</b>	a creature which has a <b>backbone</b>
<b>warm-blooded</b>	a fairly high body temperature which does not change much and is not affected by surrounding <b>temperature</b>
<b>wild</b>	animals or plants that live or grow in natural surroundings and are not looked after by people

**Investigate**

- use observations in the local **environment** to compare animals or through videos and photographs
- describe how to identify and group animals






- group animals according to what they eat
- research how to take care of animals taken from the local **environment** and how to return them safely



Question 1: An animal that gives birth to live young and has hair or fur is called a.....	Start of unit:	End of unit:
mammal		
fish		
insect		
reptile		

Question 2: Which of these is not a suitable pet?	Start of unit:	End of unit:
dog		
rhinoceros		
rabbit		
hamster		

Question 3: What do fish, reptiles and birds have in common?		
they all have wings		
they can all breathe underwater		
they all lay eggs		
they all have fathers		

Question 4: Match these to the group they belong to:	Start of unit:	End of unit:
<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">mammal</div> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;">  lion                 </div>		
<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">reptile</div> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;">  cod                 </div>		
<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">bird</div> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;">  frog                 </div>		
<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">fish</div> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;">  snake                 </div>		
<div style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 10px;">amphibian</div> <div style="display: inline-block; vertical-align: middle; margin-left: 20px;">  penguin                 </div>		

Question 5: Match the types of animals to their description:	Start of the unit:	End of unit:
<div style="border: 2px solid black; padding: 5px; display: inline-block; margin-right: 20px;">an animal that eats only meat</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">omnivore</div>		
<div style="border: 2px solid black; padding: 5px; display: inline-block; margin-right: 20px;">an animal that eats only plants</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">herbivore</div>		
<div style="border: 2px solid black; padding: 5px; display: inline-block; margin-right: 20px;">an animal that both meat and plants</div> <div style="border: 1px solid black; padding: 5px; display: inline-block;">carnivore</div>		