



Topic: Animals incl. humans

Year 1

Strand: Biology

What are vertebrates?

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

mammal	<ul style="list-style-type: none"> • Warm-blooded • Give birth to live young • Usually have hair or fur • Cannot breathe underwater
fish	<ul style="list-style-type: none"> • Cold-blooded • Have fins and scales • Breathe underwater using gills • Lay eggs in water
bird	<ul style="list-style-type: none"> • Warm-blooded • Have wings and beaks • Have feathers • Lay eggs
reptile	<ul style="list-style-type: none"> • Cold-blooded • Lay eggs • Have scales • Cannot breathe underwater
amphibian	<ul style="list-style-type: none"> • Cold-blooded • Lay eggs • Live on land and water • Can breathe underwater through gills

What I should know by the end of this unit:

- The names of some common animals and know what they look like e.g. fish, amphibians, reptiles, birds and mammals
- Know and name some common carnivores, herbivores and omnivores
- Identify & compare the structure of some common animals e.g. fish, reptiles, amphibians, birds and mammals including pets.

Key Vocabulary

Spelling	definition
backbone	The column of small linked bones down the middle of your back
carnivore	An animal that eats meat
cold blooded	A body temperature that changes according to the surrounding temperature
herbivore	An animal that only eats plants
invertebrate	An animal that does not have a backbone or skeleton inside its body
omnivore	An animal that eats plants and meat
vertebrate	An animal which has a backbone

Some Common Mammals

Pets...



dogs



cats



hamsters

Farm animals...



cows



sheep



horses

Wild animals....



foxes



hedgehogs



lions

Humans...



Some Common Fish



salmon



cod



tuna

Some Common Birds



ducks



chickens



penguins

Some common Reptiles



snakes



lizards

Some Common Amphibians



frogs



toads



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What are invertebrates?

Invertebrates are animals that do not have a **backbone**. They include:

Insects such as ...



flies ladybirds bees

Arachnids such as ...



Spiders scorpions daddy long legs spider

Molluscs such as ...



Snails octopuses slugs

What do animals eat?

Animals that only eat meat (other animals) are called **carnivores**.

Some carnivores are ...



lions eagles crocodiles

Animals that only eat plants are called **herbivores**.

Some herbivores are ...



cows giraffes elephants

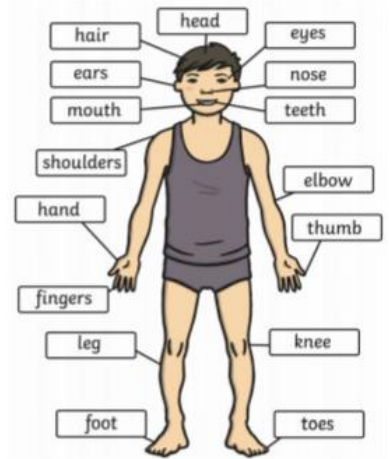
Animals that eat plants and meat are called **omnivores**.

Some omnivores are...



humans squirrels robins

Parts of the body



Our 5 senses

We **smell** using our **nose**



smell

We **taste** using our **tongue**



taste

We **touch** using **parts of our body** like our hands



touch

We **hear** using our **ears**.



hear

We **see** using our **eyes**.



see



Science: William Martin & St James








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An animal that gives birth to live young is called a ...	Start of unit	End of unit	An animal that eats meat and plants is called a ...?	Start of unit	End of unit
Reptile			Carnivore		
Amphibian			Omnivore		
Mammal			herbivore		
bird					

Which of these might we find on our face?	Start of unit	End of unit
Arms		
Toes		
nose		

Match these to the group they belong to	Start of unit	End of unit
mammal  lion		
reptile  cod		
bird  frog		
fish  snake		
amphibian  penguin		

Match the senses to the part of the body that helps you do them.	Start of unit	End of unit
tongue  smell		
ears  taste		
eyes  touch		
nose  see		
hands  hear		