



Topic: Animals including humans (animals)	Year: 1	Strand: Biology
What should I already know?		
<ul style="list-style-type: none"> The names of some common animals. The parts of the human body and how they are associated with each sense. 		
What will I know by the end of the unit?		
What are vertebrates ?	Vertebrates are animals that have a backbone . There are five groups of vertebrates : <ul style="list-style-type: none"> mammals fish birds reptiles amphibians 	
What are mammals?	<ul style="list-style-type: none"> give birth to live young usually have hair or fur warm-blooded cannot breathe underwater some common mammals are: <ul style="list-style-type: none"> 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?	<ul style="list-style-type: none"> 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?	<ul style="list-style-type: none"> warm-blooded have wings and beaks have feathers lay eggs some common birds are ducks, chickens, penguins and pigeons 	
What are reptiles?	<ul style="list-style-type: none"> cold-blooded lay eggs have scales cannot breathe underwater some common reptiles are snakes and lizards 	
What are amphibians?	<ul style="list-style-type: none"> cold-blooded lay eggs live on land and water - can breathe underwater through gills some common amphibians are frogs and toads 	
What are invertebrates ?	<ul style="list-style-type: none"> Invertebrates are animals that do not have a backbone. They include: <ul style="list-style-type: none"> insects such as flies, ladybirds and bees arachnids such as spiders molluscs such as snails 	
Investigate!		
<ul style="list-style-type: none"> 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 		
Diagram		
What do animals eat?		
<ul style="list-style-type: none"> 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 squirrels) 		
Vocabulary		
backbone	the column of small linked bones down the middle of your back	
carnivores	an animal that eats meat	
cold-blooded	a body temperature that changes according to the surrounding temperature	
environment	all the circumstances, people, things, and events around them that influence their life	
farm	an area of land used to produce crops or to breed animals and livestock	
gills	the organs on the sides of fish and other water creatures through which they breathe	
herbivore	an animal that only eats plants	
invertebrate	a creature that does not have a spine, for example an insect, a worm, or an octopus	
omnivore	person or animal eats all kinds of food, including both meat and plants	
pet	a tame animal kept in a household	
temperature	a measure of how hot or cold something is	
vertebrate	a creature which has a backbone	
warm-blooded	a fairly high body temperature which does not change much and is not affected by the surrounding temperature	
wild	animals or plants that live or grow in natural surroundings and are not looked after by people	



Topic: Animals including humans (animals)	Year: 1	Strand: Biology
--	----------------	------------------------

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		
rabbit		
rhinoceros		
hamster		

Question 3: What do fish, reptiles and birds have in common?	Start of unit:	End of unit:
they all have wings		
they can all breathe underwater		
they all lay eggs		
they all have feathers		

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

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