

Willerby Carr Lane Primary School - Science

Topic: Animals including Humans

Year: 1

Strand: Biology

What should I already know?

- The names of common farm animals and their young
- Animals need food, water, shelter and warmth to keep healthy
- How chickens and frogs grow from eggs

What will I know by the end of the unit?

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: • 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 herbivores , carnivores and omnivores ?	<ul style="list-style-type: none"> • herbivores are animals that feed on plants (e.g. horse, zebra, rabbit, deer) • carnivores are animals that feed on other animals (e.g. lion, crocodile, shark) • omnivores are animals that eats a variety of food - both plant and animal (e.g. humans, badgers, bears)

Vocabulary










amphibians	animals with back bones which when turning into an adult can live on land and in water
backbone	the column of small linked bones down the middle of your back
carnivores	an animal that that feeds on other animals
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
mammals	warm blooded animals with fur or hair, that give birth to live young and that have milk from their mother.
omnivore	person or animal eats all kinds of food, including both meat and plants
pet	a tame animal kept in a household
reptiles	Animals with dry scaly skin, are cold blooded and lay their own eggs such as a snake or a lizard
temperature	a measure of how hot or cold something is
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

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

Directions: Fill in the graphic organizer with examples. Name: _____

HERBIVORE, CARNIVORE, OR OMNIVORE

Herbivore <small>A plant or animal that eats plants ONLY.</small>	Carnivore <small>A plant or animal that eats animals ONLY.</small>	Omnivore <small>A plant or animal that eats both plants and animals.</small>
		
		
		

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Common misconceptions

Some children may think:

- only four-legged mammals, such as pets, are animals
- humans are not animals
- insects are not animals
- all 'bugs' or 'creepy crawlies', such as spiders, are part of the insect group
- amphibians and reptiles are the same.