



Welton Primary School—Science Knowledge Organiser



Year: 1

Animals

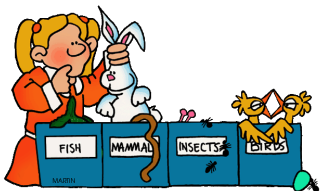
Biology

What should I already know?

- I know about similarities and difference in living things.
- I can talk about my own environment and how environments might vary.
- I can make observations about animals and

Vocabulary

tail	Part of animal or bird that helps with balance or sends messages.
fur	The hairy coat of a mammal.
wing	Allows some birds to fly or swim.
claw	Pointy, sharp nail at the end of each digit.
fin	Helps fish to swim and balance.
scales	Small plates that protect skin.
feathers	Cover the body of a bird.
beak	The nose and mouth of a bird.
paw	The foot of a mammal.
hooves	Hard covering that protects the toes—like a toe nail.



Mammals



- Mammals are warm-blooded.
- Most have hair or fur.
- They give birth to live young that are fed with milk.
- Cannot breathe underwater.

human
monkey
lion
bear
dog

Reptiles



- Reptiles are cold blooded—their body temperature changes to its surroundings.
- They lay eggs.
- They have dry, scaly skin.
- Cannot breathe underwater.

lizard
crocodile
snake

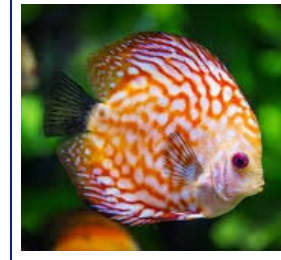
Birds



- Birds are warm-blooded.
- They lay eggs.
- They often have feathers to keep them warm.
- They have wings and hollow bones to help them fly.
- They have beaks.

robin
penguin
duck
chicken
owl

Fish



- Fish are cold blooded.
- They live in water.
- They lay eggs in water.
- They have fins and scales.
- Can breathe underwater using gills.

shark
salmon
ray
tuna
goldfish

Amphibians



- Amphibians are cold blooded.
- They live in water and land.
- They lay eggs.
- They have 3 life stages: egg, larvae and adult.
- Can breathe underwater using gills

frog
toad
salamander
newt

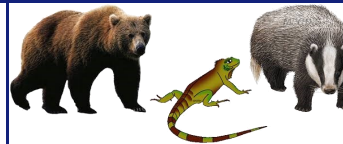
Carnivore

Animal that eat other animals



Omnivore

Animal that eats both plants and other animals



Herbivore

Animal that only eats plants

