



Animals including humans

KNOWLEDGE MAT

YEAR 1
SCIENCE

KEY KNOWLEDGE

hair
protects our skull

eyebrows
protect the eyes

eyes
help us to see

ears
help us hear

nose
help us to smell

mouth
help us to eat,
taste and talk

neck
connects the head
to the body

elbows
allow the arms to
bend

knees
allow the legs to bend

knees
allow the legs to bend

feet
help with balance



KEY VOCABULARY

animal- a living thing that can move and eat and react to the world through its senses

omnivore- An animal that will eat both plants and meat

carnivore- An animal that will only eat meat

herbivore- An animal that will only eat plants

body- The main part of a person or animal.

senses- The five senses are: seeing, hearing, smelling, tasting, and touching.

tail- Part of animal or bird that helps with balance or sends messages

fur- The hairy coat of a mammal.

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.

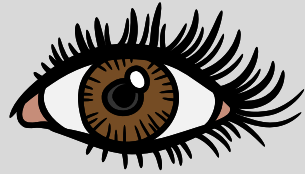
paw- The foot of a mammal.

hooves- Hard covering that protects the toes—like a toe nail.

The 5 senses



We hear using our ears.



We see using our eyes



We taste using our tongue



We feel using our skin



We smell using our nose.



Mammal

Mammals are warm-blooded.

Most have hair or fur.

They give birth to live young that are fed with milk.

Cannot breathe under waters



Reptile

Cold blooded—their body temperature changes to its surroundings.

They lay eggs.

They have dry, scaly skin.

Cannot breathe underwater.



Bird

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.



Fish

cold blooded.

They live in water.

They lay eggs in water.

They have fins and scales.

Can breathe underwater using gills.



Amphibians

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