

Knowledge Organiser Animals Including Humans Y1

What I have already learnt ELG's

Understanding the Natural World

- I have explored the natural world around me, making observations and drawing pictures of animals and plants;
- I have learnt about some similarities and differences between the natural world around me and contrasting environments, drawing on my experiences and what has been read in class;
- I understand some important processes and changes in the natural world around me, including the seasons and changing states of matter.

Recall and Remember

Can you answer these 6 questions in 6 minutes?

1. Can you explain what a carnivore, herbivore and omnivore is?
2. Can you name 5 human body parts?
3. What are the 5 human senses?
4. Can you name 3 reptiles?
5. Can you name 5 mammals?
6. Can you name 3 amphibians?

What I will have learnt by the end of my Key Stage

- I will know a variety of common animals including fish, amphibians, reptiles, birds and mammals
- I will know the names of a variety of common animals that are carnivores, herbivores and omnivores
- I will know the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)
- I will know the basic parts of the human body and say which part of the body is associated with each sense
- I will know that animals, including humans, have offspring which grow into adults
- I will know and be able to describe the basic needs of animals, including humans, for survival (water, food and air)
- I will know the importance for humans to exercise, eating the right amounts of different types of food, and hygiene

Key skills I will learn/use

Working Scientifically

Notice- I will be able to ask simple questions and recognise that they can be answered in different ways

Observe- I will be able to observe closely, and use simple equipment

Remember- I be able to remember how to perform simple tests and make them fair

Recognise- I will be able to identify and classify a number of everyday materials

Notice- I will be able to use my observations and ideas to suggest answers to questions

Record- I will be able to gather and record data to help answer questions

Key Concepts/Strands

- Biology
- Chemistry
- Physics
- Scientific Enquiry
- Science for the future
- Vocabulary

My skills and knowledge that I may use from other subjects

Literacy- I can use my literacy knowledge to write about my findings

Mathematics- I can use my measuring skills to carry out simple tests and record my findings using diagrams and graphs

Geography- I can use my knowledge about animals and their habitats in different countries around the world.

Opportunities for teaching Diversity, Equality (including protected characteristics) and expanding Cultural Capital

- Explore animals from different countries and watch live cameras from different zoo's
[Live Panda cam | Edinburgh Zoo](#)
[Live Cameras | San Diego Zoo](#)
- **Get to meet a scientist! Explore people who use science in their jobs.**
 - I'm a Scientist, Get me out of here! - A super-curricular science outreach education & engagement activity (imascientist.org.uk)
 - Science for Everyone (science4everyone.org)

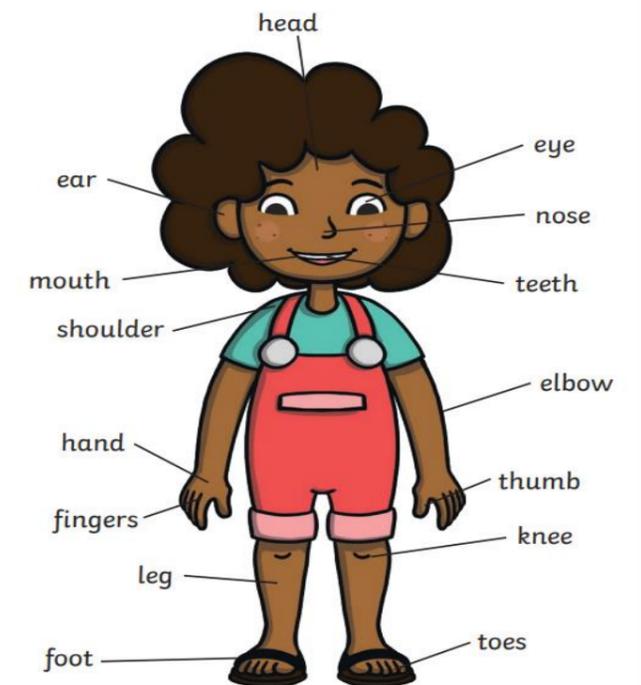
Key Knowledge

- Common animals have different **names** and can be **classified** as fish, amphibians, reptiles, birds and mammals
- Common animals can be **identified** and **named** by what they eat and be grouped as carnivores, herbivores and omnivores
- Common animals can be **compared** and **grouped** by identifying their structure
- **Name, identify** and **label** parts of the human body and **say** which part of the body is associated with each sense

What I will have learnt by the end of this unit

- I will be able to identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals
- I will be able to identify and name a variety of common animals that are carnivores, herbivores and omnivores
- I will be able to describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals including pets)
- I will be able to identify, name, draw and label the basic parts of the human body and say which part of the body is associated with each sense
- I will ask and answer questions using what I have learnt and I will be able to answer simple questions using scientific vocabulary
- I will have developed skills to perform simple tests
- I will be able to use what I have observed to answer questions
- I will be able to use simple graphs when I am recording my work

Parts of the Body



Knowledge Organiser Animals Including Humans Y1

Key Vocabulary

amphibians

Amphibians live in the water as babies and on land as they grow older. They have smooth, slimy skin.

birds All birds have a beak, two legs, feathers and wings.

fish

Fish live and breathe under water. They have scaly skin, fins to help them swim and they breathe through gills.

mammals

Mammals are animals that breathe air, grow hair or fur and feed on their mother's milk as a baby.

reptiles

All reptiles breathe air. They have scales on their skin.

carnivore

Animals that mostly eat other animals (meat) are carnivores.

herbivore

Animals that only eat plants are herbivores.

omnivore

Animals that eat both plants and other animals are omnivores.

sight

Your eyes let you see all the things around you.

hearing

Your ears let you listen to all the things around you. Your brain is able to tell what different sounds are.

touch

Your skin gives you the sense of touch. You can tell if something is warm, cold, smooth or rough without even looking at it!

taste

Your sense of taste comes from your tongue. You can tell if something tastes bitter or sweet. You might have some tastes you like and some you don't.

smell

You smell using your nose. Your nose can tell if things smell nice or not nice.

Senses



sight



hearing



touch



taste



smell

Mammals



human



mouse



dog



cow

Birds



penguin



chicken



flamingo



robin

Fish



goldfish



tuna



shark



eel

Reptiles



snake



tortoise



lizard



alligator

Amphibians



frog



toad



newt



salamander

What do Animals Eat?

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

Some **carnivores** are...



lions



eagles



crocodiles

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

Some **omnivores** are...



humans



squirrels



robins

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

Some **herbivores** are...



cows



giraffes



elephants