

Year 2 Science Biology: Animals including humans: survival

What we already know

In year 1 we explored a variety of common animals and the groups they belonged to: fish, amphibians, reptiles, birds and mammals. We looked at the parts of these animals including feathers, scales, fins, fur, gills, beaks.

Vocabulary

Tier 1

Fish, scales, gills, fins, water, food, air, survive, breathing, drinking, eating, carnivore, omnivore, herbivore, shelter

Tier 2

Absorb, oxygen, energy, habitat

Tier 3

Insectivore, cold blooded, sustain

Mammals

- Mammals need air, water, food and shelter to survive
- Different mammals eat different food:
 - Herbivores eat plants
 - Omnivores eat plants and animals
 - Carnivores eat animals
- It is important to look after the world around us



Birds and Reptiles

- Birds need air, water, food and shelter to survive
- Birds get their food by flying, swimming or staying on the ground (flightless birds)
- Reptiles need water, food, shelter and air to survive
- Reptiles need external heat to survive as they cannot generate their own body heat



Fish and Amphibian

- Fish need water, food, shelter and air to survive
- Fish need water to move in and live in
- Fish have gills to take oxygen from water
- Amphibians need water, food, shelter and air to survive
- Amphibians can absorb oxygen from water or they have gills like fish



Pets

- A pet animal needs fresh clean water, fresh food to eat, shelter and air to survive
- A pet needs food regularly (twice a day) and water regularly
- Pets are given food, water and shelter by their owner who is responsible for keeping it alive



Humans

- Humans need water, food, shelter and air to survive
- Babies and children are given food, water and shelter by adults



What next?

In Y3 we will look at how animals, including humans, need the right types and amount of nutrition, and that they cannot make their own food; they get nutrition from what they eat