

## Knowledge

Find out about and describe the basic needs of animals, including humans, for survival (water, food and air).

### Mammals

Mammals have fur or hair on their body.



Mammals are carnivores, herbivores or omnivores

### Birds

Birds have feathers, wings and a beak.

Some birds can fly.



Some birds cannot fly.

### Fish

Fish are animals that live in water.

Fish need air, water, food and shelter to survive.



Fish have gills that they use to breathe.



### Amphibians

Amphibians live on land and in water.

Amphibians do not have scales on their bodies.



Some amphibians have webbed feet.



### Reptiles

Reptiles have dry scales on their bodies.

Reptiles need direct heat to survive.



### Humans

A mammal has fur or hair on its body.

Humans are mammals.



Humans need air, water, food and shelter to survive.

All animals need air, water, food and shelter to survive.

### Working scientifically:

- Asking simple questions and recognising that they can be answered in different ways.
- Gathering and recording data to help in answering questions.



- Identifying and classifying.

- Using their observations and ideas to suggest answers to questions.



## Science

### Year 2

### Autumn 1

### Animals' needs for survival

ALL MAMMALS (INCLUDING HUMANS) NEED AIR, WATER, FOOD AND SHELTER TO SURVIVE.

#### carnivores

animals that eat other animals are called carnivores



#### herbivores

animal that eats plants are called herbivores

omnivore  
animals that eat plants and other animals are called omnivores



mammals  
mammals include birds, fish, amphibians and reptiles

#### Humans

Humans are mammals too



## Vocabulary

Word	Definition
mammal	an animal with fur or hair on its body
carnivore	an animal that eats other animals
herbivore	an animal that eats plants
omnivore	an animal that eats plants and other animals
beak	a bird's mouth and nose
wing	a part of a bird's body which some use to fly
scales	small, hard layers that grow from the skin
gills	the part of the body that fish use to breathe
fin	a thin part that sticks out from the fish to help it swim and stay balanced
amphibian	an animal that can live on land and in water
webbed feet	feet with toes that are joined together to help with swimming
reptile	an animal with dry scales on its body
shelter	a place that gives protection from weather and danger

What do all mammals need to survive?

How can animals be grouped based on their needs for survival?

Is a \_\_\_\_\_ a carnivore, herbivore or omnivore? How do you know?

How are the needs of humans similar or different from those of other animals?

