

# Knowledge Organiser EYFS/Year 1: Do animals and humans need the same things to survive?

## Science: Animals

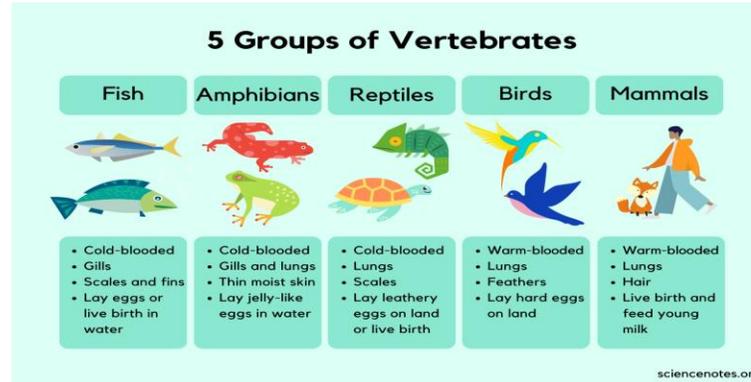
Identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.

Identify and name a variety of common animals that are carnivores, herbivores and omnivores.

**Carnivores** eat meat.

**Herbivores** eat plants.

**Omnivores** eat meat and plants.



## Animal adaptations:

An adaptation is defined as a physical or behavioural feature of an animal that helps them better survive in their environment.

### Examples of Physical Adaptations:

- Type of Body Covering - Fur, Feathers, Scales.
- Colour - Patterns, Camouflage - a colour or pattern that allows an animal to hide in its environment.
- Body Part - Claws, Beak, Antlers, Ears, Blubber (to keep them warm)
- Defence - Spray, Quills, Venom

## History: Victorian significant individual

Mary Kingsley (1862-1900) left Britain to explore West Africa in search of new animals. Her determination was well-respected, and her work was highly thought of. She defied perceptions of Victorian females, depicting herself as prim and proper in photographs. She lived with and learnt how to survive in West Africa from local people. She climbed Mount Cameroon.

When she returned to Britain after her second African trip in 1885 Kingsley brought back an impressive collection for the British Museum. She helped change what people thought about West Africa.



## Geography:

A study into wildlife in our local area.

The most common mammals found in Oxfordshire are hedgehogs, deer, dormice, otters, noctule bats and squirrels

In contrast to British Columbia in Canada, the most common mammals found are bears, bison, caribou, sea lions, lynx, cougars, squirrels

## Climates:

Countries around the world have different climates. Countries near the equator have hotter climates and the Arctic and Antarctic have much colder climates. Climates can affect many things, such as which plants can grow. Many animals are specially adapted to the climate they live in.

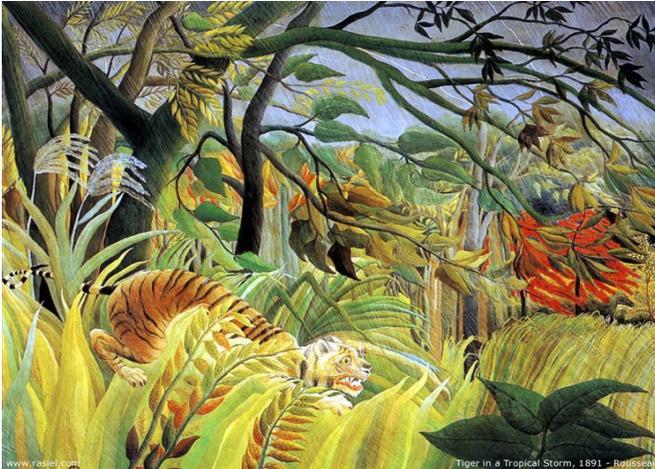


## Art: Painting

### Tiger in a Tropical Storm

**(Surprised!) Henri Rousseau 1891**

It was the first of the jungle paintings for which the artist is chiefly known. It shows a tiger, illuminated by a flash of lightning, preparing to pounce on its prey in the midst of a raging gale.



## Music:

Listen to tracks from 'The Carnival of the Animals'; create music and movement in response. Sing topic songs, add actions and play percussion instruments.

## 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.
carnivores	Animals that mostly eat other animals (meat) are carnivores.
herbivores	Animals that only eat plants are herbivores.
omnivores	Animals that eat both plants and other animals are omnivores.

## RE: How should people care for the world?

Listen to some songs or poems that explore the beauty of the world and express what they are grateful for. Look at some pictures of the Wonders of the World – how do those pictures make you feel? How should we look after the world?

## Significant Individual: Sir David Attenborough

Sir David Attenborough is a natural history TV presenter and is known for introducing generations to the world's furry and feathered friends.



## Cultural Impact:

He has gained many awards throughout his career and holds the prestigious Lifetime Achievement Award. David Attenborough has also been knighted, had species named after him and had a studio dedicated to him at the Natural History Museum in London.

## Feeling Curious? Links to more knowledge:

[National Geographic for Kids](#)

[BBC Bitesize](#)

[BBC Earth Kids](#)

[The Wonder of Animals Facts](#)

## Books:

**David Attenborough – Little People, BIG DREAMS**

**Book of animals by Oliver Jeffers**

**DK First Animals Encyclopedia**