



# Knowledge Organiser – Animals (including humans)

Years 1 & 2

## Who Are Animals & Humans?

- Animals are living things that breathe, grow & need food, water & air to survive.
- Humans are a type of mammal.
- All animals have body parts that help them move, feed and stay safe.

## Animal Groups

- **Fish** – live in water, have gills, scales and fins.



- **Amphibians** – live on land and in water, smooth skin.



- **Reptiles** – dry, scaly skin; lay eggs.



- **Birds** – feathers, beaks, lay eggs.



- **Mammals** – have fur or hair; mothers feed babies milk.



## What Do Animals Eat?

- **Carnivores** – eat meat
- **Herbivores** – eat plants
- **Omnivores** – eat plants and meat

## Humans: Our Bodies & Senses

- Humans have body parts that help us move, think, eat, breathe and explore the world.

- We use our five senses to understand our environment:



Sight (eyes)



Hearing (ears)



Smell (nose)



Touch (skin)



Taste (tongue)

## Keeping Healthy

- We need **exercise**, **hygiene**, **sleep** and a **balanced diet** to stay strong.
- Washing hands helps stop germs spreading.
- Exercise keeps our heart and muscles healthy.



## How Science Helps Us Understand the World

- Scientists observe animals to understand how they survive.
- Our knowledge of the body helps us stay safe and healthy.
- Caring for animals teaches us kindness and responsibility.

## Impact on Life Today

- Understanding how animals survive helps us protect endangered species.
- Knowing about the human body helps doctors keep us healthy.
- Learning about diet, exercise and hygiene helps us stay safe and strong.
- Classification helps scientists organise and learn about the natural world.

## Key Vocabulary To Explore At Home

**Surface Knowledge:** fish, reptile, amphibian, mammal, bird, carnivore, herbivore, omnivore, home, forest, sea, pond, nest, tree, grass, food, water, safe, baby, child, adult, grow, change, small, big, young, old, food, fruit, vegetables, meat, healthy, strong, grow, eat, drink, exercise, clean, wash, teeth, heart, move, body, germs, shelter

**Deeper Knowledge:** habitat, survive, offspring, environment, shelter, predator, prey, food chain, depend, adapt, life cycle, healthy, stages, growth, development, protein, carbohydrate, fat, sugar, vitamins, energy, balance, hygiene, infection, rest, pulse, heart rate, breath, fit, nutrition, survival

**Adventurer Knowledge:** senses, adapt, features, ecosystem, conservation, extinction, adaptation, climate, endangered, biodiversity, metamorphosis, environment, species, lifespan, conditions, nutrition, metabolism, performance, diet, circulation, stamina, immune system, routine, wellbeing, bacteria

## Home/School Links

- Encourage children to talk about animals they see in books, parks or at home.
- When out walking, look for animal features (fur, feathers, wings, legs) and discuss how they help the animal survive.
- At home, compare different foods and talk about what is healthy and why.
- Look in the mirror and name body parts together – link them to the five senses.

- Watch child-friendly science clips together (e.g. BBC Bitesize).
- Visit a local farm, pet shop or nature reserve to observe animals safely.
- Encourage children to keep a simple “Healthy Me” diary – exercise, sleep, foods, water.

## Useful Websites

1. [BBC Bitesize – Animals Including Humans](#)  
Child-friendly videos and activities introducing animal groups, body parts and senses.
2. [BBC Teach – KS1 Science: Animals](#)  
Short clips showing different types of animals, their features and their habitats.
3. [National Geographic Kids – Animals](#)  
Engaging facts, photographs and videos of real animals from around the world.
4. [BBC Bitesize – The Senses](#)  
Short videos helping children understand each of the five senses.
5. [ZSL London Zoo – Animal Facts](#)  
Real-life examples of classification, habitats and animal adaptations.
6. [KidsHealth – How the Body Works](#)  
Simple, child-friendly videos explaining body parts, staying healthy and growing.

