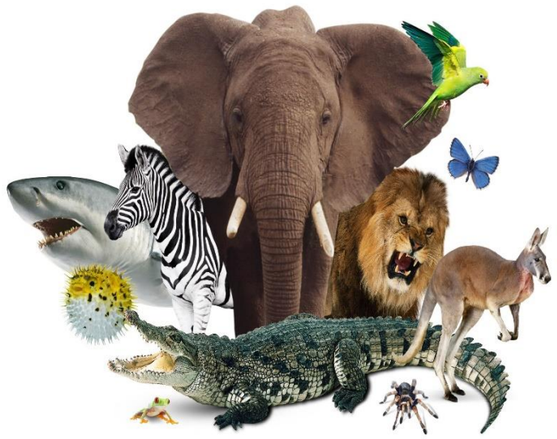
YEAR 2 KNOWLEDGE ORGANISER ANIMALS including Humans

What you should already know...



-Animals are living things which need food and water to live.

-Animals can be split into different groups – mammals, reptiles, birds, fish and amphibians. They have different structures to fit their needs.

-Some animals are carnivores (meat eaters), some are herbivores (eat plants) & some are omnivores (eat both).

-Animals use their senses to experience the world around them.

Reproduction





-All animals reproduce. This means that they have offspring (e.g. humans have babies).

-For example, mammals give birth to live young, whilst fish lay eggs.

-All of these offspring must receive the basic needs of animals (below on the left) to grow into adults.

-When they are fully grown, they can also reproduce. And so, life goes on!

Basic Needs of Animals

Water



-Animals need water to make sure that they stay hydrated.

-Many animals drink water to survive. Other animals (e.g. fish) live in the water.

-Some animals get their oxygen from the water. Humans are made up of 70% water.

Food



-Animals use food to get the energy & nutrients that they need.

-Animals eat plants (herbivores), other animals (carnivores), or both (omnivores).

Shelter



-Shelter provides safety from weather/ predators and basic things that an animal needs to survive.

-Burrows, nests and dens are some examples.

Oxygen



-All animals (including humans) need oxygen to live.

-Oxygen exists in the air, in the soil, and even in the water. Fish breathe oxygen through gills.

Temperature



-Sunlight and heat are vitally important to all animals. This gives animals the energy that they need.

Some animals need more heat than others.

Staying Healthy

Exercise



-Humans (and many other animals) need to exercise. It builds our muscles and helps to pump blood around our body. Regular exercise makes us stronger and faster.

-Exercise also helps to keep our weight down. When we are too heavy and have too much fat, it is much harder to move, and puts a strain on our bodies.

Eating a Balanced Diet



-It is also important that humans eat a balanced diet with all of the right nutrients – this helps us to grow bigger, stronger and healthier!

-Eating a balanced diet includes having fruit & vegetables, starchy foods such as breads and pastas, meats and fish (and other alternatives) and foods containing fats.

Hygiene



-It is important to be hygienic. This includes regularly washing our hair and bodies, washing hands before eating and brushing our teeth.

-Being hygienic stops the spread of germs, which can cause diseases.

Birth → **Growth** → **Reproduction** → **Death**