

Perton Primary Academy Knowledge Organiser

Science Topic: Animal Parts	Year Group: 1
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Overview:

In this project children learn about animals including fish, reptiles, amphibians, birds, invertebrates and mammals. They will discuss and identify their common structures, diets and know how to care for animals.

	Evident in books
	Evident in pupil voice

Opportunities to develop working scientifically:

- Observing, recording and measuring living creatures.
- Sorting, grouping and classifying animals.

Key vocabulary:

- fish
- mammal
- bird
- reptile
- amphibian
- invertebrates
- diet
- carnivore
- herbivore
- omnivore
- senses
- teeth
- scales
- tail
- antenna

Prior Learning:

EYFS – UTW –
Dangerous Dinosaurs

Future Learning:

Y2 – Science – Habitats & Animal Survival

Key knowledge:

Animals

Animals are living things. They are all born and change over time. Animals have similar body parts to humans such as eyes, nose, mouth and ears. Animals can also have different body parts to humans like gills, antenna and a tail.

Animals can be sorted into different groups including:

- Reptiles
- Fish
- Amphibians
- Mammals
- Birds
- Invertebrates

Diet

Animals can be sorted into groups based on what they eat. Carnivores only eat meat. Herbivores only eat plants, fruit, vegetables etc. Omnivores eat meat and plants. Animals in different groups have different body parts to help them catch and eat their food. For example, a carnivore such as a lion has sharp claws and big teeth to help catch and eat another animal. Their eyes are towards the front of their body to help them see an animal they are hunting. A herbivore, such as a rabbit have eyes on the side of their heads so they can look for animals that might eat them. They also have flat teeth to help them grind and cut plants and grass. Children will also look at animal food chains, specifically looking at the food chains for carnivores and herbivores and their places on the chain.

Memorable Learning Experiences:

Observing a living creature (visit from a pet)

Assessment Questions:

How would you know if a creature was a bird / fish / reptile?

Give an example of a carnivore.

Name an animal that is a herbivore.