

Science - Animals Needs for Survival Knowledge Organiser

Subject Specific Vocabulary

mammal	An animal with fur or hair on it's body
fur	Fine, soft hair
feathers	Soft covering on outside of birds
Beak	hars, pointed part of a bird's mouth and nose
insect	A small animal that has 3 body sections and 6 legs
insectivore	Animal that eats insects, worms and spiders
scales	Small, hard layers that grow from the skin
gills	Part of the body that fish use to breathe
fin	Thin part of a fish that allow it to balance and swim
Amphibian	Animal that lives on land and in water
Webbed feet	Toes joined together
reptile	Animal with dry scales on it's body
scales	Small, hard layers that grow from skin
adult	Fully grown human

Prior knowledge

- Carnivore, herbivore and omnivore
- To know there are different type of animals
- To name and label different animals

Animals require water, food, air and shelter.
Reptiles also require heat.

Animals can be sorted into groups

Amphibians



frog

Note the similarities and differences between them



salamander

Amphibians live on land and in water. They lay their eggs in water.

Birds



penguins

Note the similarities and differences between them



Mandarin Duck

Birds have a beak, wings, feathers and 2 legs. They lay eggs.

Fish



Clown Fish

Note the similarities and differences between them



Neon Tetra

Fish live in water. They have fins instead of legs and gills instead of lungs. They lay their eggs in water.

Reptiles



lizard

Note the similarities and differences between them



snake

Reptiles live in water and on land. They have scales and are cold blooded. This means that they cannot keep warm by themselves and need to be in a warm place. They lay their eggs on land.

Mammals



lion

Note the similarities and differences between them



zebra

Mammals usually have hair or fur. Mammal babies are born alive. The mothers feed their babies milk. We are mammals.

Insects



butterfly

Note the similarities and differences between them



ladybird

Insects have 6 legs. Their bodies are made up of 3 parts. Some have wings. They lay eggs.