

HEAP BRIDGE VILLAGE PRIMARY SCHOOL

Knowledge Organiser: **Science – Animals**

YEAR 1: Spring

Key objectives:

- 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
- describe and compare the structure of a variety of common animals (fish, amphibians, reptiles, birds and mammals, including pets)

Scientific vocabulary:

Basic

Animal – a living thing.

Fish, Amphibians, Reptiles, Birds, Insects

Subject Specific

Antennae – part of the insects head which is long, thin and used for sensory.

Gills – part of the fish which helps it breathe.

Mammal – an animals that breathes air and has a backbone.

Challenge

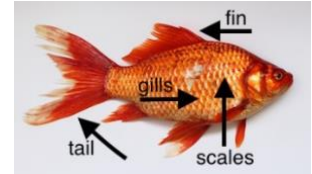
Warm blooded – keeps a constant body temperature, typically above that of the surroundings.

Cold blooded - animals whose body temperature varies with that of the environment.

Scientific knowledge:

Fish

- Tuna
- Goldfish
- Clown fish
- Sharks
- Pike



Mammals

- Elephant
- Tiger
- Dogs
- Human



Birds

- Magpie
- Pigeon
- Flamingo
- Owl
- Parrot



Insects

- Butterfly
- Ladybird
- Beetle
- Bee
- Ant



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Scientific knowledge:

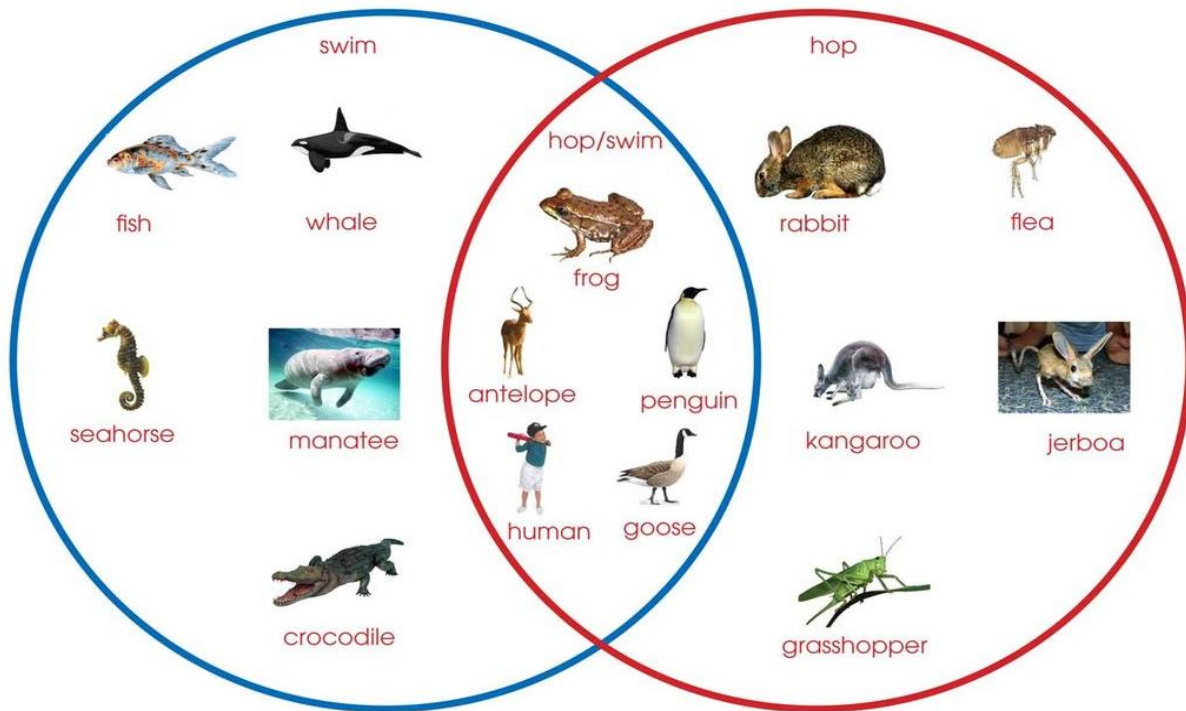
Amphibians

- Frog
- Newt
- Toad



Reptiles

- Snake
- Bearded dragon
- Crocodile



Famous jobs/people:

Sir David Frederick Attenborough is an English broadcaster who studies animals and plant life, presenting a range of BBC programs such as Planet Earth.



Homework challenges:

Bug hunt
Take a nature walk.

Useful websites for further reading:

<https://www.bbc.com/bitesize/topics/z6882hv>