

Science Medium Term Plan
Year 1 Autumn Term 1

How are animals classified?

**What animals do we know?
(pets in the class research)**

**How can we identify fish and
birds?**

**How can we identify reptiles,
mammals and amphibians?**

**How are
animals
classified?**

**What do
carnivores,
herbivores and
omnivores eat?**

Substantive Knowledge

- Know which animals are pets – dogs, cats, rabbits, guinea pigs, hamsters, rats, snakes, lizards etc.
- Know that a pet is an animal we can keep at home
- Know which pets are in the class
- Know and name a variety of animals including fish, amphibians, reptiles, birds and mammals
- Know the structure of animals including fish, amphibians, reptiles, birds and mammals
 - Know that a carnivore is an animal that eats meat
 - Know that a herbivore is an animal that eats plants
 - Know that an omnivore is an animal that eats both meat and plants

Disciplinary Knowledge		
Working Scientifically		
Research using secondary sources <ul style="list-style-type: none"> • Research animals that the class have as pets • Research the structure of animals Grouping and Classifying <p>Group/ classify animals according to what they eat</p> <p>Group/classify animals into types (mammal, reptile, amphibian, bird, fish)</p>		
Resources and websites		Vocabulary: (including definitions)
	Amphibian	A cold blooded animal which lives on land and in water.
	Reptile	Cold blooded animals which have backbones and dry, scaly skin.

	Bird	An animal with two wings, two feet and feathers.
	Fish	An animal that lives underwater and has a back bone.
	Mammals	Warm blooded animals with a backbone and breathe air.
	Herbivore	An animal that only eats plants.
	Carnivore	An animal that eats meat from other animals.
	Omnivore	An animal that eats plants and meat.

Prior Knowledge:		
Reception <ul style="list-style-type: none">Names of animals that hibernate in winter.Pets they have at home.The names of some fish and other creatures that live in the sea.		