



Science		Year 1	
Focus: Animals			
Age related vocabulary			
Carnivore	An animal that eats only meat	Herbivore	An animal that only eats plants
Omnivore	An animal that eats meat and plants.	amphibian	Animals that live on land and in water.
Mammals	Mammals are animals that breathe air, grow hair or fur and feed on their mother’s milk as a baby.	reptile	An animal that is cold-blooded, has scales and lays eggs



Key Knowledge

- Animals can be grouped into two groups, vertebrates and invertebrates.
- **Vertebrates** can be classified into 5 groups by their characteristics; Mammals, Reptiles, Birds, Amphibians and Fish.
- **Mammals** are warm-blooded, usually have hair or fur, give birth to live young that are fed with milk and cannot breathe underwater.
- **Reptiles** are cold blooded—their body temperature changes to its surroundings, lay eggs, have dry, scaly skin and cannot breathe underwater.
- **Birds** are warm-blooded, lay eggs, often have feathers to keep them warm, have wings and hollow bones to help them fly and have beaks
- **Fish** are cold-blooded, live-in water, lay eggs in water, have fins and scales and can breathe underwater using gills.
- **Amphibians** are cold-blooded, live-in water and on land, lay eggs, have 3 life stages: egg, larvae and adult and can breathe underwater using gills.
- **Tail**- part of animal or bird that helps with balance or sends messages
- **Fur**- the hairy coat of a mammal
- **Wing**- allows some birds to fly or swim
- **Claw**- pointy, sharp nail at the end of each digit.
- **Fin**- helps fish to swim and balance. scales
- **Scales**- small plates that protect skin.
- **Feathers** - cover the body of a bird.
- **Beak**- the nose and mouth of a bird.
- **Paw**- the foot of a mammal.
- **Hooves** - hard covering that protects the toes—like a toenail



Success Criteria	Pupil Reflection		Teacher Assessment
I can identify and name a variety of common animals including fish, amphibians, reptiles, birds and mammals.	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can identify and name a variety of common animals that that are carnivores, herbivores and omnivores.	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can describe and compare the structure of a variety of common animals including pets.	Before <input type="checkbox"/>	After <input type="checkbox"/>	
I can use my knowledge to explain how to care for an animal.	Before <input type="checkbox"/>	After <input type="checkbox"/>	