

# Classification of Animals

## Vertebrates

## Invertebrates

**These are animals that have a backbone (like us)**

**These are animals that do not have a backbone**

### **Reptiles**



- Dry, scaly skin
  - Usually lays eggs
  - Lays eggs on land
  - Cold blooded
  - Has internal ears or no ears!
- Includes: Snakes, lizards, tortoises, turtles, crocodiles

### **Amphibians**



- Moist, slimy skin
  - Lay eggs (usually in water)
  - Cold blooded
  - Can live both in water and on land
  - Go through metamorphosis
- Includes: Toads, frogs, newts, salamanders

### **Birds**



- Have feathers
  - Have wings
  - Have a beak
  - Lay eggs
  - Warm blooded
- Includes: owls, parrots, penguins, ducks

### **Mammals**

- Have fur or hair
  - Give birth to live young
  - Feed their babies milk
  - Warm blooded
- Includes: Humans, dogs, cats, rodents, dolphins



### **Fish**

- Have scales
  - Have gills for breathing
  - Cold blooded
  - Live in water
- Includes: Sharks, goldfish, tuna

### **Arthropods**

- Hard skeleton on the outside of their body (An exoskeleton)
- Jointed limbs

### **Molluscs**



- Soft bodies
  - Most have a 'hydrostatic' skeleton- A bit like a skeleton made from water filled tubes!
  - Most have a shell
- Includes: Snails, clams, octopus, oysters

### **Arachnids**

- 8 legs
  - 2 body parts
  - No antennae
- Includes: Spiders, scorpions, tarantulas



### **Insects**

- Have 6 legs & 3 body segments
  - They have antennae
  - Some have wings
- Includes: Grasshoppers, butterflies, beetles



### **Myriapods**

- Many legs!!
  - Many body segments
- Includes: Centipedes & millipedes

