

# (VERTEBRATES = has a backbone)

**KINGDOM: ANIMALIA**

**PHYLUM: Chordata**

**CLASS: Agnatha** (jawless fish: lamprey, hagfish)

- has no jaws
- soft body with no scales
- breathes with gills

**CLASS: Chondrichthyes** (cartilage fish: sharks, skates, rays)

- has cartilage skeleton with denticle scales
- has paired fins
- breathes with gill slits

**CLASS: Osteichthyes** (bony fish: perch, goldfish, pike, sea horses)

- has bony skeleton and scales
- has paired fins
- most fish are bony fish

**CLASS: Amphibia** (toads, frogs, salamanders)

- ectothermic
- smooth slimy skin
- lives part of life in water and part of life on land

**CLASS: Reptilia** (turtles, snakes, lizards)

- ectothermic
- dry scaly skin
- has lungs/lives on land

**CLASS: Aves** (birds)

- endothermic
- skin has feathers (may fly)
- lays hard shelled eggs

**CLASS: Mammalia** (dogs, cows, whales, bats)

- endothermic
- has fur (hair)
- feeds their young milk from MAMMARY GLANDS