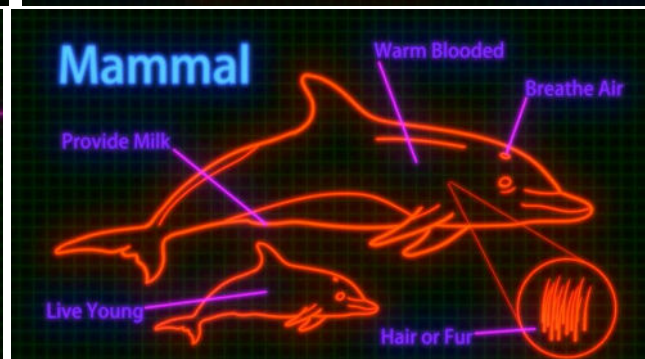
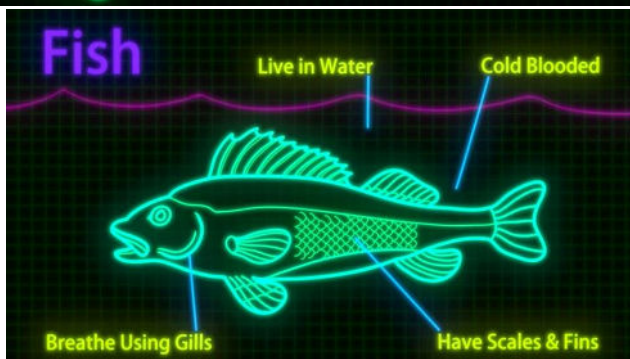
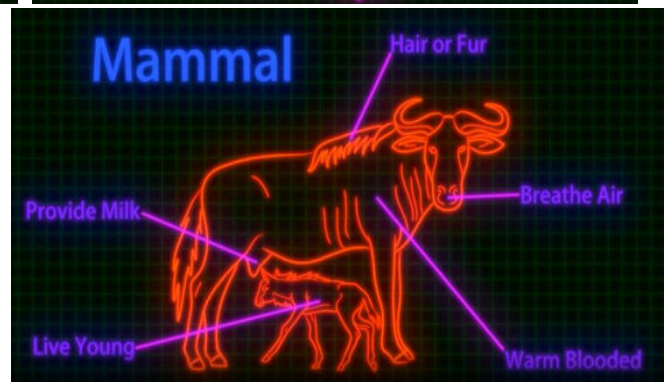
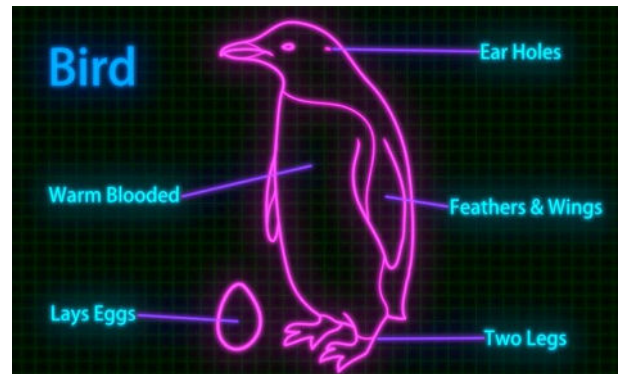
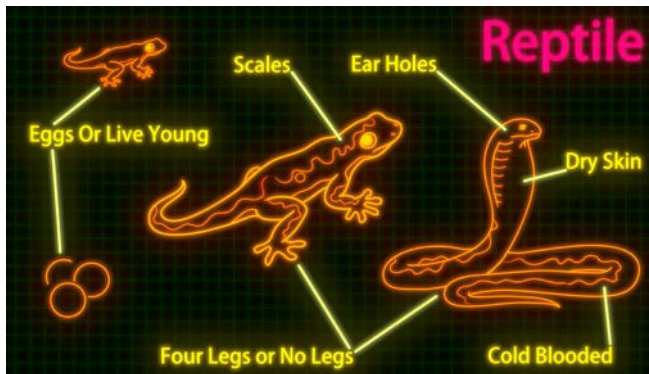


## The Classification and Life Cycle of Animals

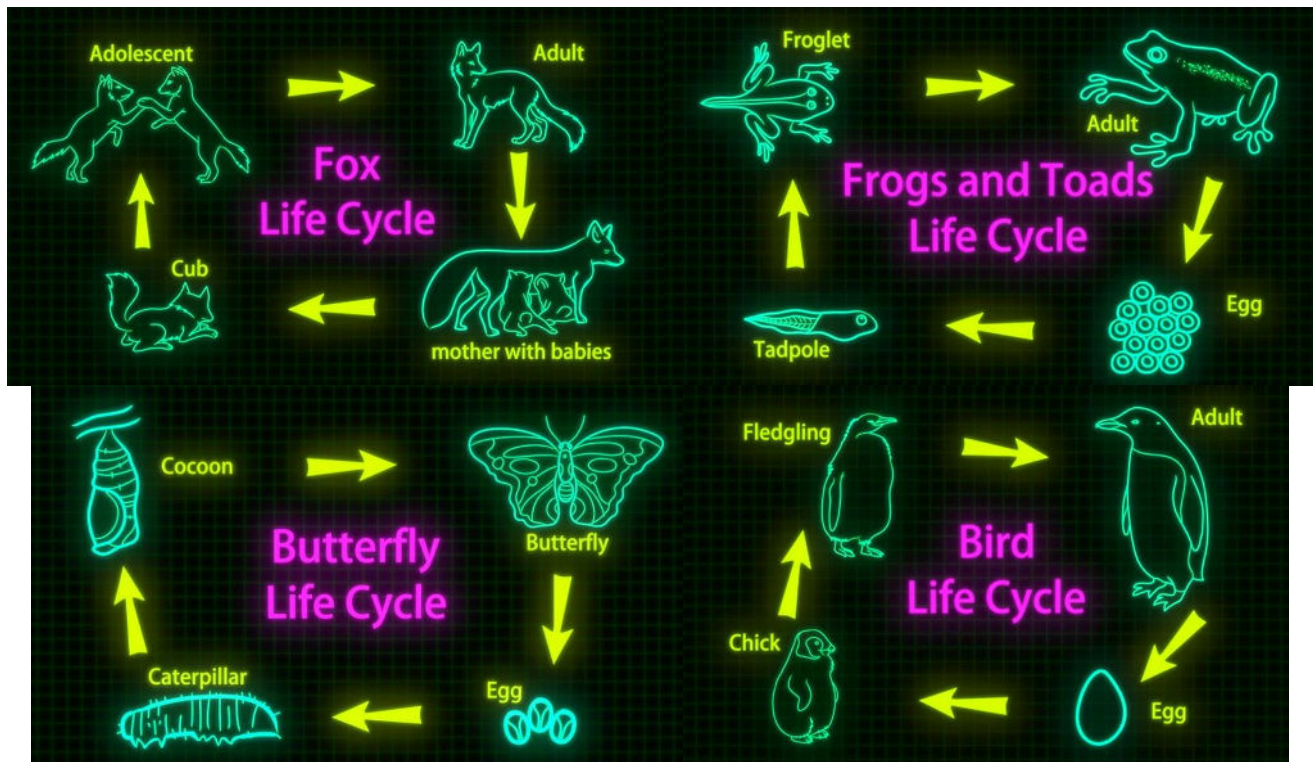
Key vocabulary	Definition
Life Cycle	Shows how things are born, how they grow and how they produce. All animals are born, get older and bigger and some will go on to have children. We call this a life cycle.
Mammal	Warm-blooded vertebrates (have a backbone) with hair (e.g. humans). They feed their young with milk and have a more well-developed brain than other types of animals.
Amphibian	Cold-blooded vertebrate animals (e.g. frogs) that have gills and live in water as larvae but breathe air as adults.
Insect	Small animals with six legs and a hard outer shell called an exoskeleton (e.g. ants). Most have wings and antennae.
Bird	Warm-blooded vertebrates are the only animals with feathers. Although all birds have wings, a few species can't fly.
Vertebrates	Have a backbone.
Invertebrates	Don't have a backbone.
Exoskeleton	A hard outer shell.
Antennae	A pair of long appendages that are used for sensing.
Animals	They all move, feed, grow, use their senses, reproduce, breathe/respire and excrete.

### Key Knowledge and Understanding:

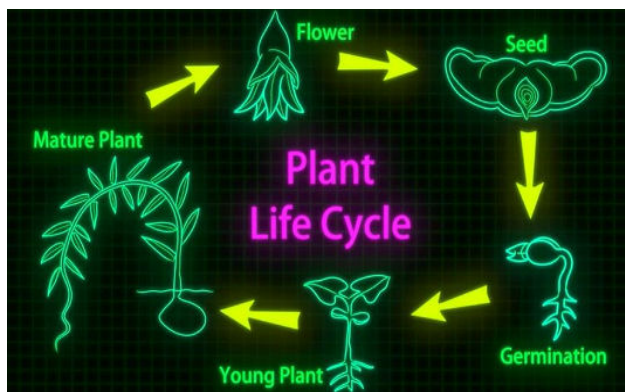


Sometimes animals are mixed up. A dolphin is a mammal, not a fish.





Most insects undergo complete metamorphosis. This involves 4 main stages



**Start**

**Eggs** are laid by the female insect.

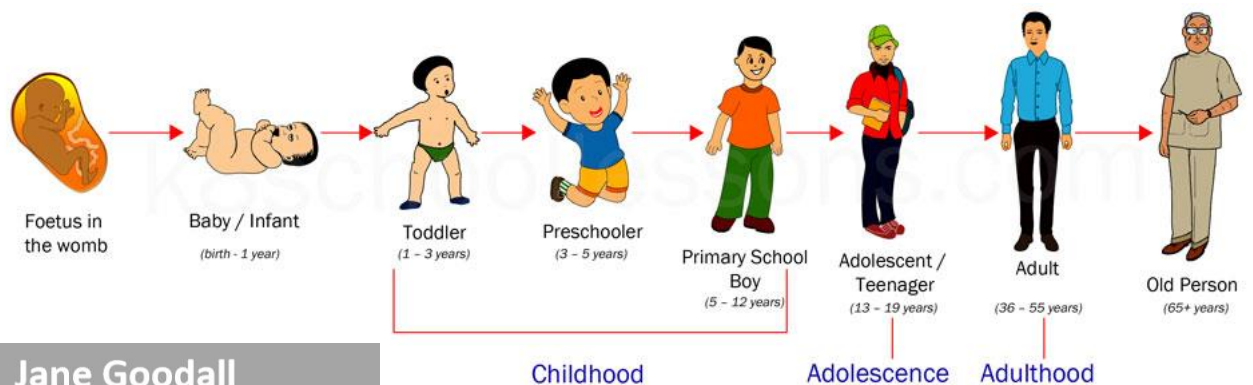
The **pupa** is formed when the larva moults for the last time. Pupa have a hard protective coating and are often camouflaged. The larva transforms completely inside the pupa.

The **adult** breaks out of the pupa and matures.

**Insects:**

- hatch from eggs
- some look like parents and shed skin as grow
- some go through metamorphosis young and adult are different.

The eggs hatch into **larva**. The larva look nothing like the adult. This varies depending on species. Common forms are caterpillars, maggots, grubs.



## Jane Goodall



Jane Goodall is a British scientist who has studied chimpanzees for many years. She is considered to be the world expert on chimpanzees and their behaviour.

## David Attenborough

David Attenborough is a British wildlife film-maker and naturalist. This means he is a scientist who studies animals and their behaviour.

