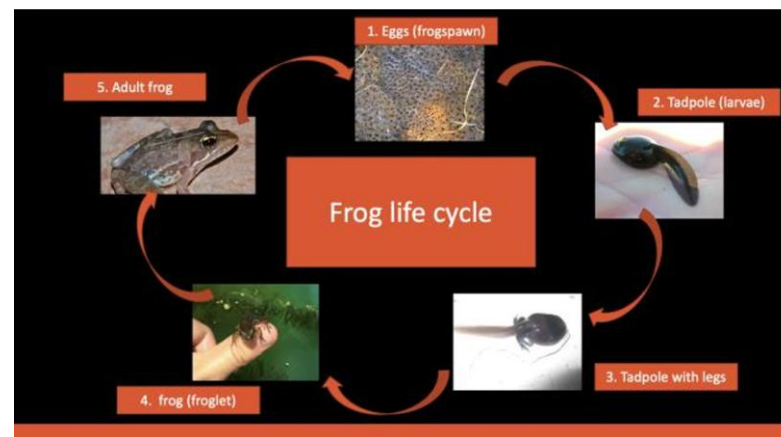
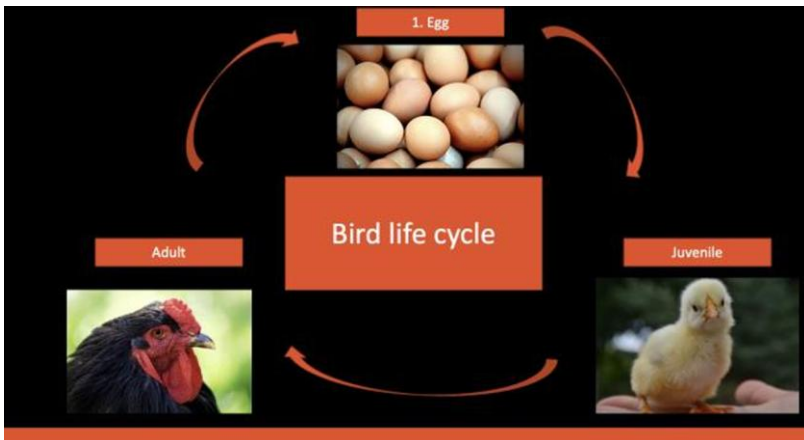
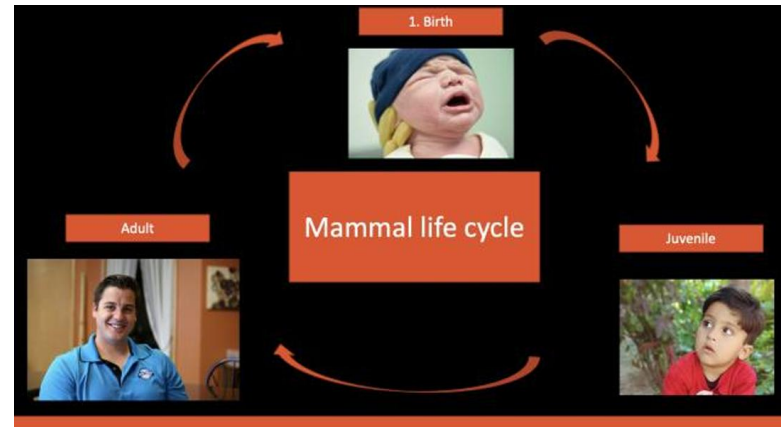
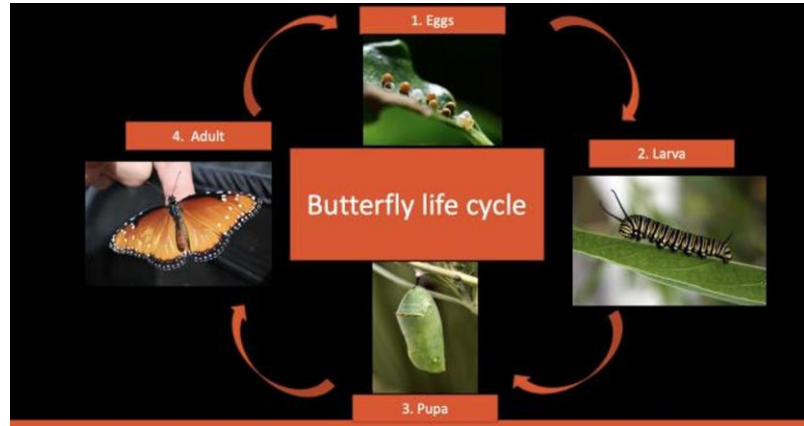


Animal Reproduction and Life Cycles



A life cycle is the different stages of life for a living thing.

All animals, including humans, have a life cycle as all animals are born, grow, reproduce and die. In science, it's usually displayed as a circular diagram showing each stage in words and/or pictures.

Sexual Reproduction in Plants

Fertilisation

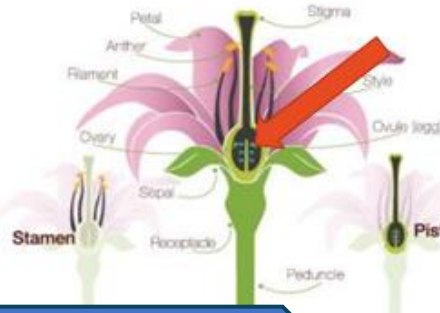
After pollen has landed on the stigma it grows a pollen tube to the ovary.



The pollen grain travels down the pollen tube and fertilises the ovule.



The fertilised ovule develops into a seed. The seed contains the plant embryo which contains genetic materials from both parents. The ovary develops into fruit.



Asexual Reproduction in Plants

Bulbs

Short underground stem that contains stored food. New bulbs sprout from old bulbs.



Tubers

Vegetables that grow underground such as a potato with buds from which new plants grow.



Runners

A stem that grows horizontally along the ground called a stolon which produce new clone plants.



Plantlets

A plantlet is a small plant. Many plants such as spider plants naturally create stolons with plantlets on the end which are clones of the parent plant.

stolon



Spores

Spores are produced on the underside of a fern leaf and are how they reproduce. They look like little dots and may be harvested for fern spore propagation.

spores



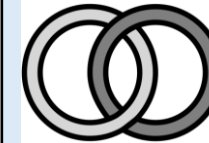
Key Vocabulary

Life Cycle



Course of events that brings a new thing into existence.

Fertilise



To develop a new individual by introducing the male sperm to the female egg.

Sexual Reproduction



Method of producing plants and animals in which a male sperm and a female egg join.

Asexual Reproduction



Method of producing new offspring with a single parent.

Metamorphosis



To process of transformation from an immature form to an adult.

Reproduce



Produce offspring by a sexual and asexual process.