

Important Facts:

Reproduction is when an animal or plant produces one or more individuals similar to itself:

Sexual reproduction:

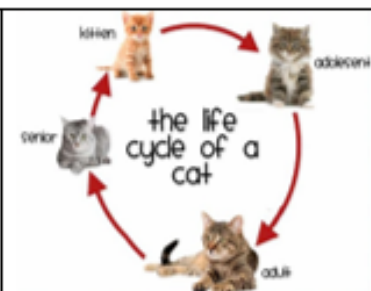
- requires two parents with male and female gametes (cells)
- will produce offspring that is similar to but not identical to the parent

Asexual reproduction:

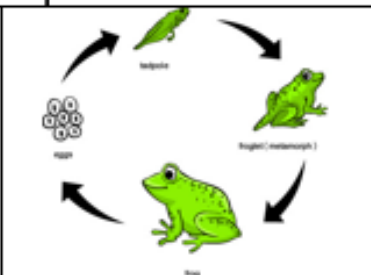
- will produce offspring that is identical to the parent
- requires only one parent

Mammal

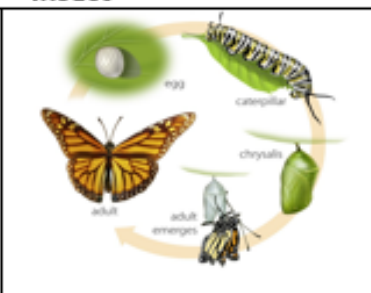
- female gives birth to young
- Live young are born
- young looks like adult
- female provides milk for young

**Amphibian**

- eggs laid in water
- young go through different form before looking like adult
- no parental care

**Insect**

- egg laid and then hatch
- some grow to adult but most go through metamorphosis to adult

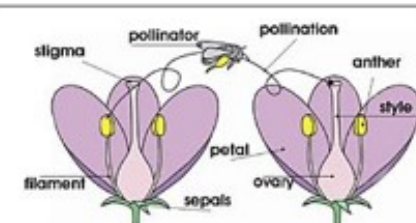
**Bird**

- eggs laid in a nest
- young hatches from an egg
- grow to adult
- parental care after hatching

**Vocabulary:**

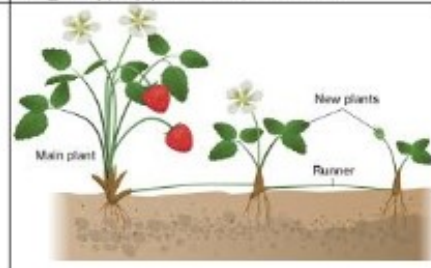
cutting	A piece of root, stem or leaf cut from a plant used to grow another plant of the same type
dispersed	scattered, separated, or spread through a large area
fertilisation	male and female gametes meet to form an embryo or seed
germination	if a seed germinates or if it is germinated, it starts to grow
life cycle	the series of changes that an animal or plant passes through from the beginning of its life until its death
metamorphosis	a person or thing develops and changes into something completely different
naturalist	an expert in natural science and history
pollination	To pollinate a plant or tree means to fertilise it with pollen. This is often done by insects
reproduction	when an animal or plant produces one or more individuals similar to itself

Sexual reproduction occurs through pollination usually involving wind or insects.



E.g. lily, apple tree, tomato

Asexual reproduction involves only one parent using bulbs, tubers, runners and cuttings.

**Significant Scientists****Jane Goodall DBE (1934–Present)**

She is a British ethologist and conservationist, famous for her world expertise on chimpanzees,

