



Year 5 – Living Things and their Habitats



Key Vocab

Mammal – A kind of animal that is warm-blooded, has hair or fur and gives birth to live young

Amphibian – A kind of animal that can live on land and in water, has moist skin, is cold-blooded and lays eggs

Bird – A kind of animal that has feathers, wings and a beak, is warm-blooded and lays eggs

Insects – A kind of animal with a body in three sections and six legs, is cold blooded and lays eggs

Metamorphosis – A process of change some animals go through to become adults (for example, caterpillars metamorphosing into butterflies)

Gestation – The period of time that a mammal carries her offspring inside her body before giving birth

Life cycle – The cycle of stages animals go through that includes birth, growth and reproduction

Phenologist – A scientist who studies life cycles

Reproduction – Living things creating other living things

Sexual reproduction – Reproduction involving two parents (most animals and some plants reproduce this way)

Asexual reproduction – Reproduction involving one parent only (some plants reproduce this way)

Life cycles of a mammal, insect, bird and an amphibian

Life cycle of a mammal



- Live young born
- Grow from babies to adults
- Reproduce
- Live young born

Life cycle of an insect



- Egg
- Growth to adult or metamorphosis to adult
- Reproduce
- Egg

Life cycle of a bird



- Egg
- Growth to adult
- Reproduce
- Egg

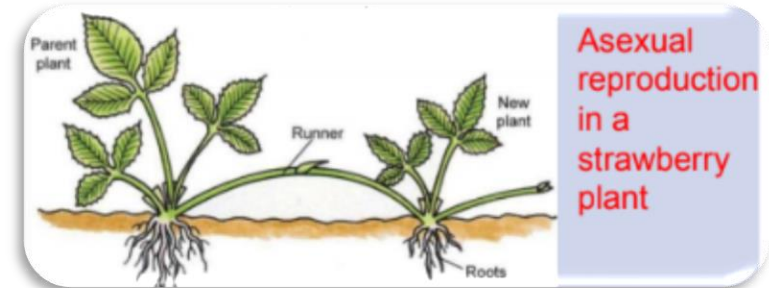
Life cycle of an amphibian



- Egg in water
- Growth to adult
- Reproduce
- Egg In water

Asexual Reproduction in Plants

Some plants can reproduce asexually, and do not need two parent plants. There are different ways plants can do this, including when part of a plant breaks off and starts to grow again by itself, or when the plant sends out runners.



Sexual Reproduction in Plants

Some plants require **pollination** to happen in order to reproduce (create more seeds). This is when pollen from the anther of one flower sticks to the **stigma** of another flower of the same species, travels down the **style**, fertilises an **ovule** in the **ovary** and becomes a seed.

