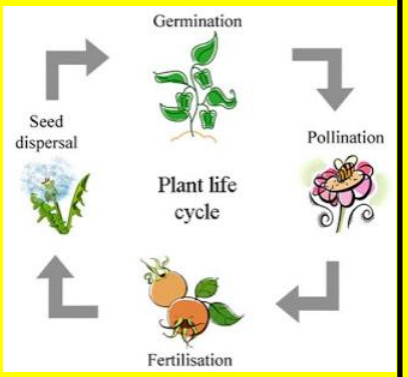
Year 5: Living things and their habitats Knowledge Map

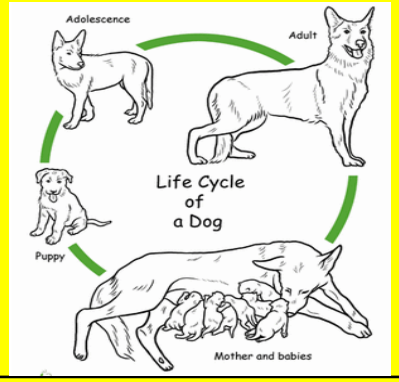
Subject Specific Vocabulary

life cycle	This shows how things are born, how they grow and how they reproduce.
reproduction	Reproduction is the way different plants and animals make new plants and animals. The reproduction system differs in plants and animals.
sexual reproduction	Both the male and female are needed. Most animals reproduce sexually.
asexual reproduction	Only one parent is needed. This occurs mostly in plants and bacteria.
pollination	The transfer of pollen to a stigma to allow fertilisation
fertilise	**In animals**: When the male sperm reaches the female egg. **In plants:** When the male pollen reaches the female ovule.
metamorphosis	A major change from one form to another in the life cycle of some animals when they change from young to an adult.
bulb	A round root of some plants from which the plant grows.

Sticky knowledge

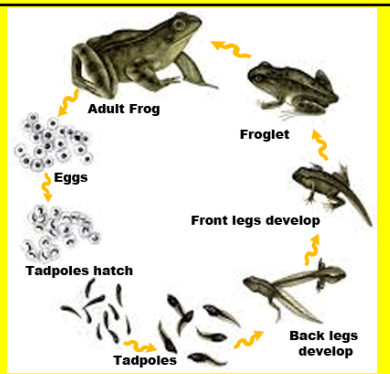
The life cycle of a plant
The five steps of a plant lifecycle: germination, a flower grows, pollination, Fertilisation and seed dispersal





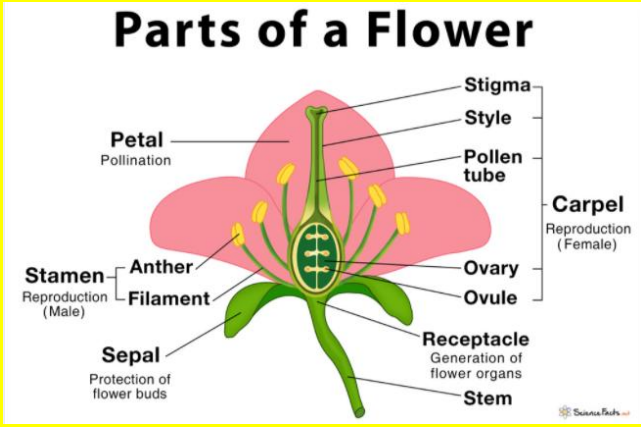
The life cycle of a mammal
Mammals carry their young and give birth to live young

The life cycle of an amphibian
Amphibians lay eggs in water and life cycle involves metamorphosis.

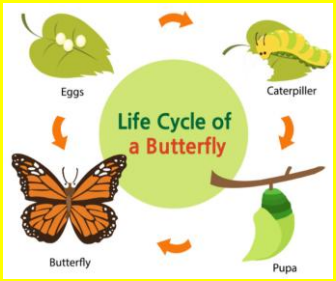


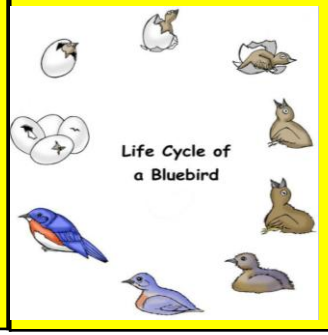
Sticky knowledge

Label parts of plant: stem, leaves, petals, roots, carpel and stamen, ovary



The life cycle of an insect
Insects lay eggs and life cycle involves metamorphosis.





The life cycle of a bird
Birds lay eggs with hard shells.