



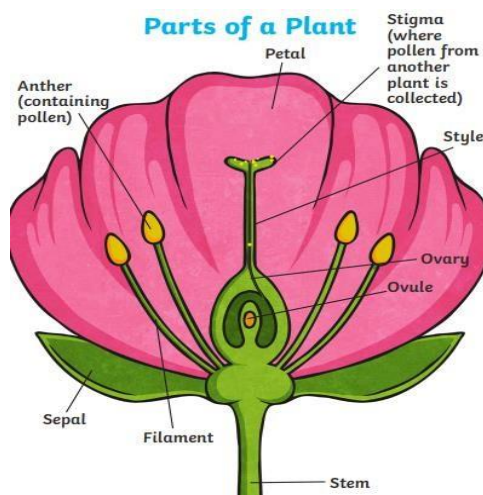
Living Things Russet Class

Plants

Some plants reproduce asexually (without male and female parts).

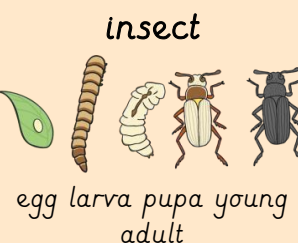
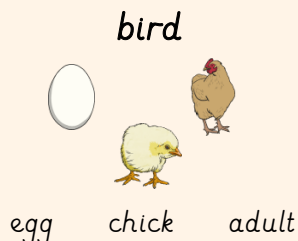
Some plants need male and female parts to reproduce so they produce flowers.

We can dissect a flower to see what these parts look like.



Animal Life Cycles

Different animal groups have different life cycles.



Links to Real Life

Farmers use knowledge of plant lifecycles to ensure they can grow enough crops.

Key Vocabulary

life cycle	The different stages in an animal's life.
metamorphosis	This means an animal changes between stages of its life cycle.
germination	A seed begins to grow into a plant.
pollination	Pollen from the anther of one flower is moved onto the stigma of a different flower.
fertilisation	Pollen travels down the style into the ovule, where it will become a seed.
seed dispersal	Seeds from one plant are moved away so that they have space to grow.
dissect	Cutting something into its parts to learn about it.
photosynthesis	Conversion of light energy to simple carbohydrates
chlorophyll	Plant cells need for photosynthesis

The Life Cycle of a Flowering Plant:



Germination



Pollination and Fertilisation



Seed Dispersal