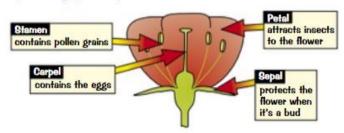
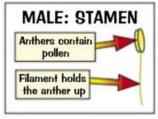
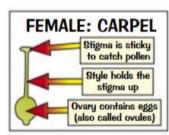


- 1) The job of making new plants is done by the flowers.
- 2) The flowers contain the pollen and eggs which make seeds.
- 3) The seeds grow into new plants.



The Flower contains the Male and Female Parts





Etwall Primary School

Living Things and Habitats

Year **5**/6

Key Vocabulary

Reproduction in animals occurs when male and female animals mate to create offspring.

Metamorphosis is a process some animals go through to become adults. It is a series of physical changes. Metamorphosis is especially common in insects.

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

Gestation is the period of development where some animals carry their babies inside their bodies before they give birth. **Plants** are living things that grow from the soil and turn light from the Sun into food. Plants can be big or small, from giant trees

to tiny patches of moss.

Pollen Landing on the Stigma is called Pollination

Getting pollen to the female part of a flower is pretty straightforward.

Here are two waus that it can happen:

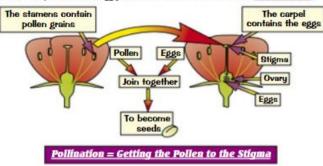
Some flowers are <u>pollinated by insects</u>.
 Insects are attracted to flowers by their <u>scent</u> and <u>brightly coloured</u> petals. The flowers make <u>nectar</u> (a <u>sugary</u> liquid that insects feed on). The insects go in to get the nectar, get covered in <u>pollen</u> and carry it to the female stigms of another plant.



Some flowers are pollinated by the <u>wind</u>.
 The <u>long male stamens</u> are blown about and the wind carries the pollen away to the stigma of another plant.

Fertilisation takes place after Pollination

- 1) After pollination the pollen grain and the egg JOIN.
- 2) When the pollen and the egg join a seed is made this is called FERTILISATION.



Fertilisation = Joining of the Pollen and the Egg

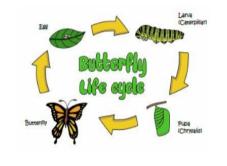
Humans (mammals) develop inside their mothers and are dependent on their parents for many years until they are old enough to look after themselves.



Amphibians such as frogs are laid in eggs then, once hatched, go through many changes until they become an adult.



Some animals, such as butterflies (insect), go through metamorphosis to become an adult.



Birds are hatched from eggs and are looked after by their parents until they are able to live independently.

