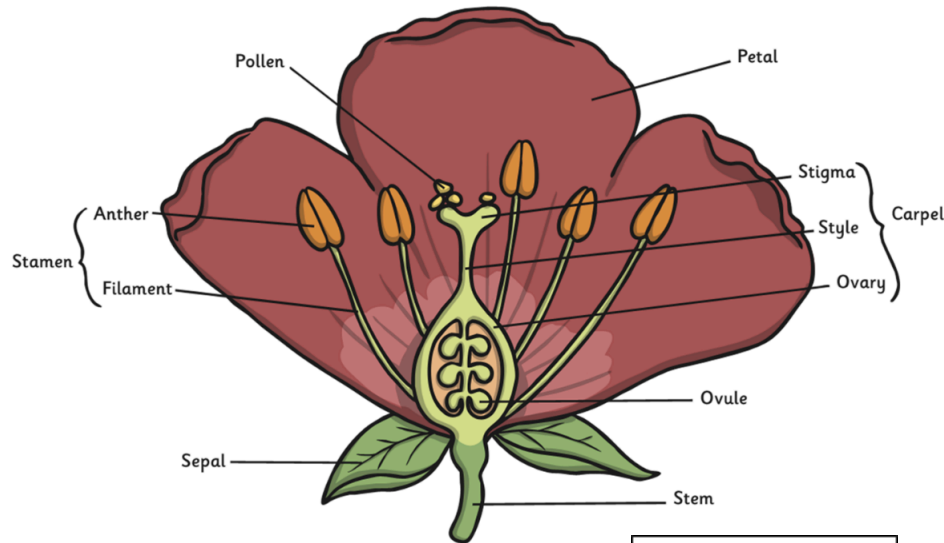




# Science: Living Things and Their Habitats

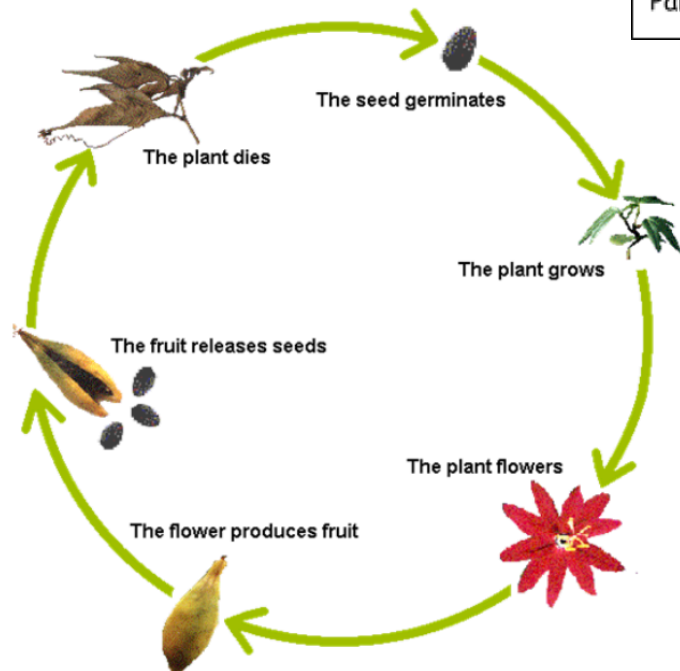
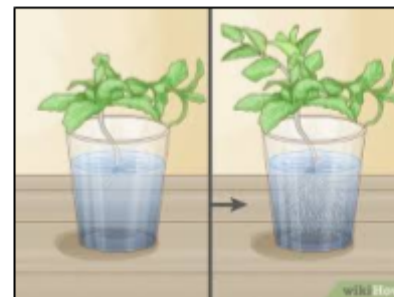


Parts of a flower.

## Can we grow mint plants from a cutting?

**Step 1** - Take cuttings from the top growth of your mint plant, about 8cm in length. Remove the lower leaves and cut the stem just below the leaf node (the point on the stem where leaves emerge).

**Step 2** - Place the stems in a glass of water. Leave in a light, airy place until the stems have taken root.



## Key Vocabulary

**Reproduction** - All living things need to make more of themselves so that their species does not die out. Reproduction is the process by which new living things are made.

### Plants

**Pollination** - how pollen is moved from one flower to another. Can be achieved by birds, bats, insects, water and the wind.

**Germinate** - Begin to grow and put out shoots after a period of dormancy (sleep)

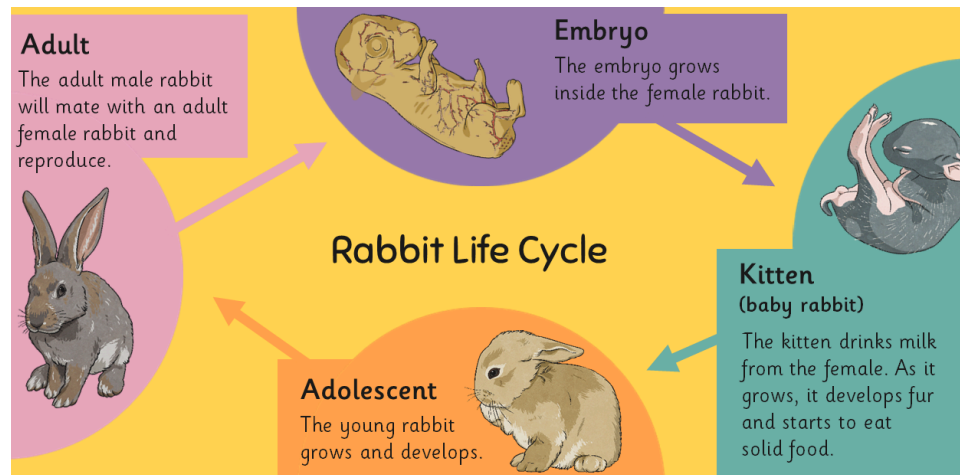
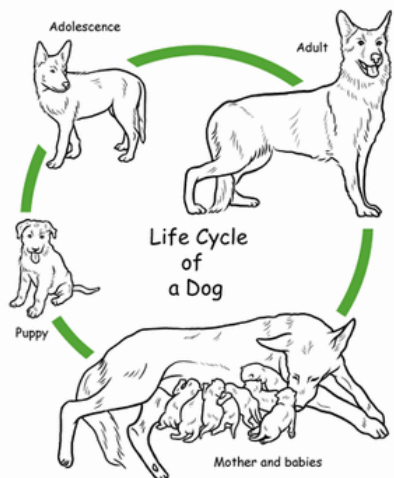
**Sepals** - (if present) help to protect the flower in bud

**Petals** - attract insects with colour, scent and nectar

**Stamens** - make pollen and hold it in position

**Stigma** - receives pollen during pollination

**Ovary** - contains undeveloped seeds (ovules) which, if fertilised following pollination, develop into seeds



# Different Mammals

There are three different groups of mammals:

**Placentals:** their young grow inside the female's body and are born fully developed.



**Monotremes:** their young hatch from eggs.

**Marsupials:** their young are born incompletely developed. They are then carried and fed in a pouch on the female's stomach until they are fully developed.



## Key Vocabulary

### Animals

**Mammal** - Feed babies on milk; warm-blooded; have fur or hair; have gestation periods; vertebrates (have a backbone).

**Warm-blooded** - can maintain body temperature, especially when it is cold.

**Gestation** - developing inside the womb for a period of time.

**Adolescence** - the period of growing into an adult.

**Umbilical cord** - connects the baby to its mother.

**Placenta** - provides the baby with oxygen and nutrients and gets rid of waste.