



What are these parts
of the flower?

What are they for?

Stem: it transports
water and nutrients
from the roots to
the rest of the
plant. It also
supports the plant.



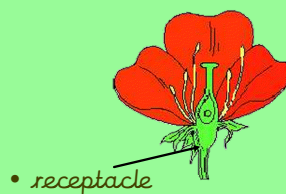
Flower: brightly coloured
to attract insects.

Leaves: make the food for
the plant.

Roots: takes in water and
nutrients from the soil. It
also helps anchor the plant.

The parts of a flower

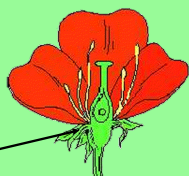
- Most flowers have five parts:
- sepals,
- petals,
- receptacle
- male part - the stamens,
- female part - the carpels.



Where all the parts of
the flower join
together.

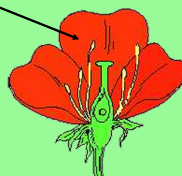
- receptacle

Sepal



Usually green, sepals
typically function as
protection for the
flower in bud, and
often as support for
the petals when in
bloom.

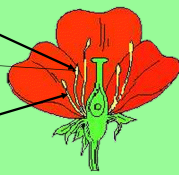
Petal



To attract insects and
other creatures.

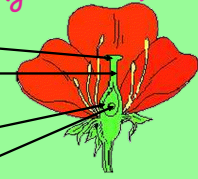
Stamen (male)

- Anther: pollen grains grow in the anther.
- When the grains are fully grown, the anther splits open.
- Filament supports the anther.

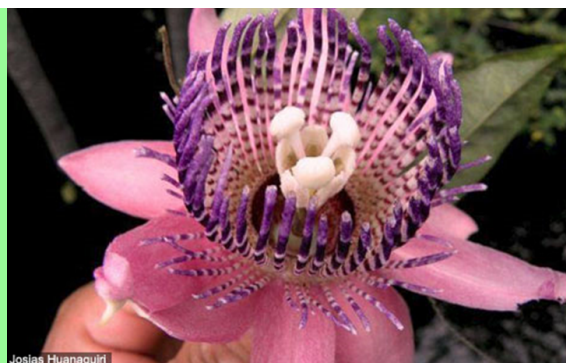
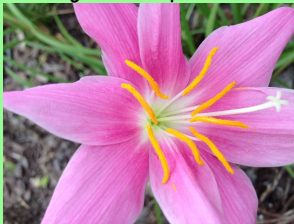


Carpel (female)

- Stigma-where pollen is trapped (sticky)
- Style-supports stigma
- Ovary-where eggs are stored
- Ovules (eggs)



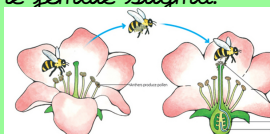
Can you identify the male and female parts of the plant?





What is pollination?

It's the transfer of pollen from the male anther to the female stigma.



Pollination is the process by which pollen is transferred from the anther (male part) to the stigma (female part) of the plant, thereby the plant is able to produce seeds and therefore reproduce (make more of itself).



How does pollination occur?

Make a poster to show what pollination is and how it occurs.

What insect is the best pollinator?