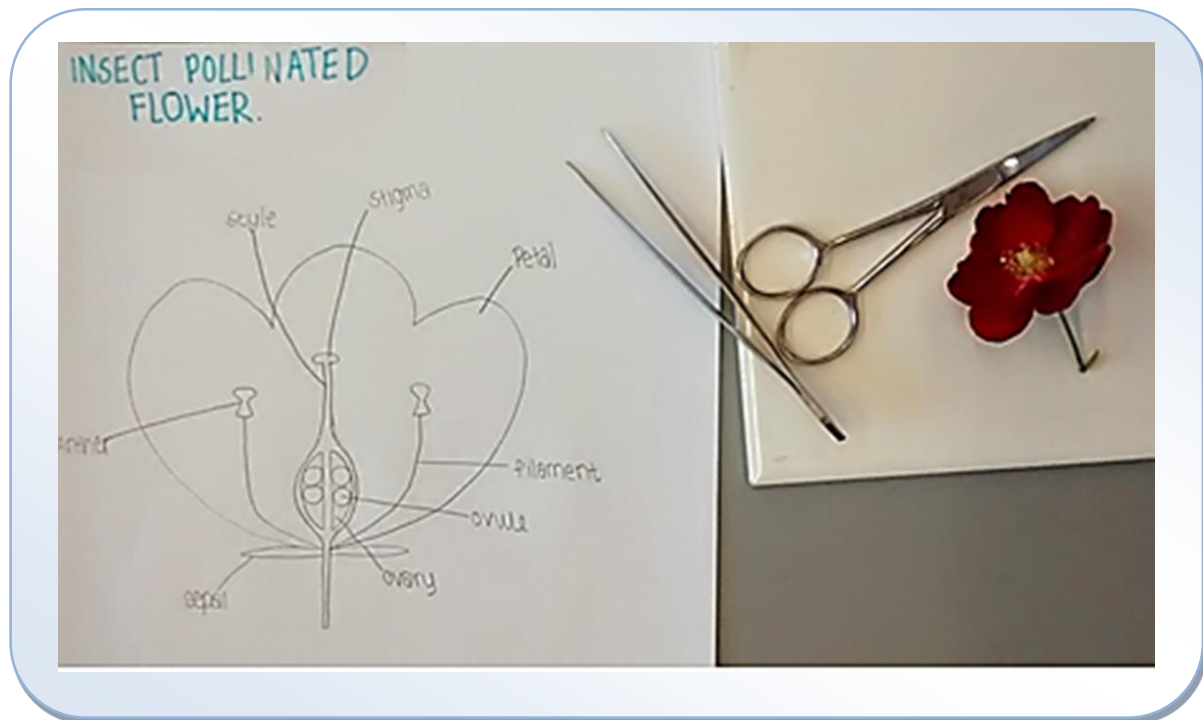


Flower dissection



Activity 1- Separate all the parts of the flower

1. Cut off the sepals and petals carefully.
2. Cut each of the anthers off at the bottom of each filament
3. Cut the stigma and ovary in half from top to bottom to expose the ovules
4. Lay everything out on a piece of blank paper
5. Label all the parts

Activity 2 – Annotate the labels

In red pen on the diagram explain how pollination happens as a flow diagram.

Include:

- Pollen produced in anthers
- Insect feeds on nectar, and pollen attaches to the insect
- Insect brushes pollen onto the stigma

In another colour describe the process of fertilisation.

Include:

- Pollen grain grows a pollen tube down the stigma
- Pollen tube reaches an ovule
- Nucleus of the pollen grain travels down the tube to the ovule
- The pollen nucleus fuses with the ovule nucleus.