

The sexual reproduction of flowering plants



1. The flower

A seed germinates and forms a plant. On this plant, some buds germinate into flowers.

3. How does fertilization take place ?

Once the pollen is on the stigma, the pollen germinates into a pollinic tube leading pollen towards the ovum (into the ovary) where the fertilization will take place.

5. How are the flowers replanted ?

In the fruit, there are seeds. They are disseminated when the fruit falls on the ground or when it is transported by wind, animals or water, or when it is eaten by animals.

2. How do the gametes meet ?

Anthers produce pollen (pollen = male gametes). Insects, humans or wind pollinate flowers by putting pollen on the stigma (=female organ).

4. And after the fertilization ? Are there any fruits ?

The fertilization is when the sperm fertilizes the ovary. Once fertilized, the ovum becomes a seed. The ovary of the pistil becomes a fruit which wraps up the seeds.

