


Plant Pollination

1) Lesson objective
-Students will understand the process of pollination leading up to fertilization through exercises and hands on activities.



Lesson objectives Teachers' notes


Nov 4-10:28 AM

Subject: **Biology**
Topic: **Plant Pollination**
Grade(s): **Fourth**

Lesson notes:


Lesson objectives Teachers' notes

Nov 4-10:28 AM

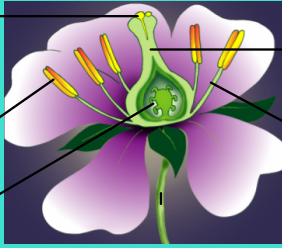


You know that reproduction is the process by which living things produce new living things of the same kind. Many seed plants form seeds inside flowers. The flower is the reproductive organ of the flowering plant.

Pull



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2. This is called ?


1. What is this part of the flower called

Anther

Stamen

3. The Large base of the pistil is _____

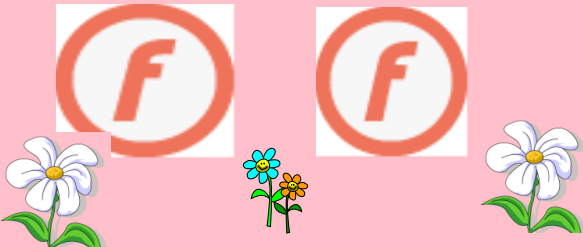
Inside the petals is a ring of stalk like parts called **stamens**. A stamen is the male reproductive part of the flower. At the top of each stamen is a sac (**anther**) which produces and contains a male reproductive cell.



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For reproduction to take place, pollen grains from the male stamen must be carried to the female part of the flower, the pistil. Pollination is the process by which pollen grains move from the stamen to a pistil.

What are two main ways in which a flower is pollinated?




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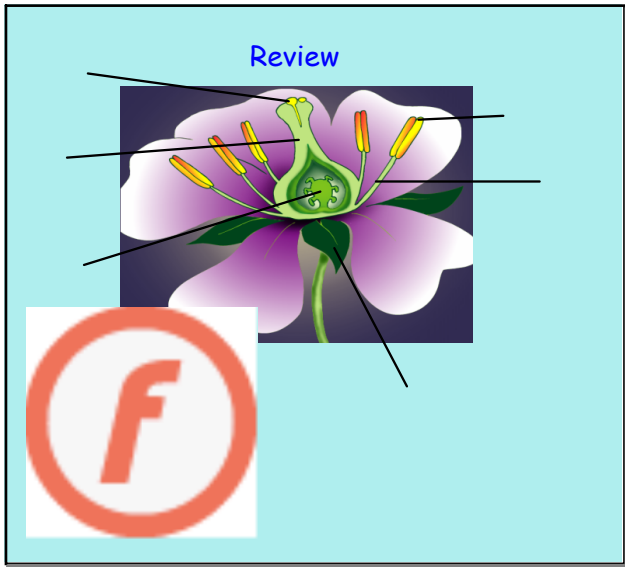


Years ago, ranchers in New Zealand wanted to grow clover for hay to feed their sheep. They brought clover seeds from Europe and planted them. The seeds grew into plants with purple flowers. But the flowers produced no seeds. The ranchers had forgotten something- there were no bumblebees in New Zealand! So the clover could not be pollinated.

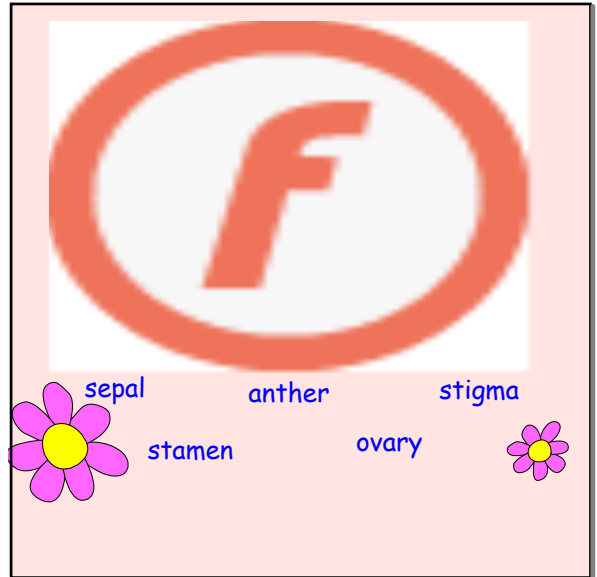
Pull



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Mar 31-11:31 AM