

The Primary Stage of Grades (4-5)
School Year 2022- 2023

Name: _____

Subject: Science
Unit 1: Flowering plants
Worksheet 2: Pollination and fertilization
Class: Grade 4 CP (All sections)

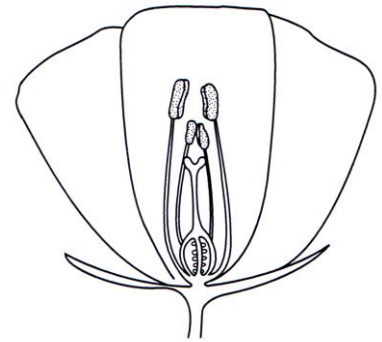
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Objective/s:

- Name the stages in the life cycle of flowering plant
- Describe how flowering plants reproduce.

Questions:

1. Here is a diagram of a flower.



To make seeds pollen and ovule join together.
 What is this process called?

.....

2. (a) Why do flowers have petals?

.....

(b) Circle the part of the flower which produces pollen.

anther

carpel

ovary

(c) Circle a female part of the flower.

nectary

petal

sepal

stigma

Accredited by



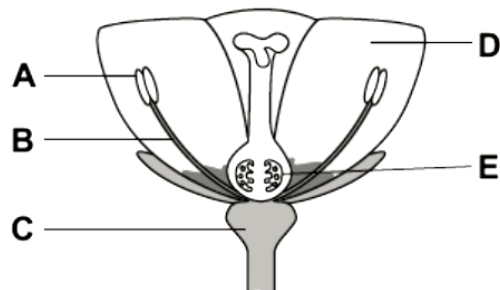
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3. Many plants have flowers.

(a) Look at this flower.

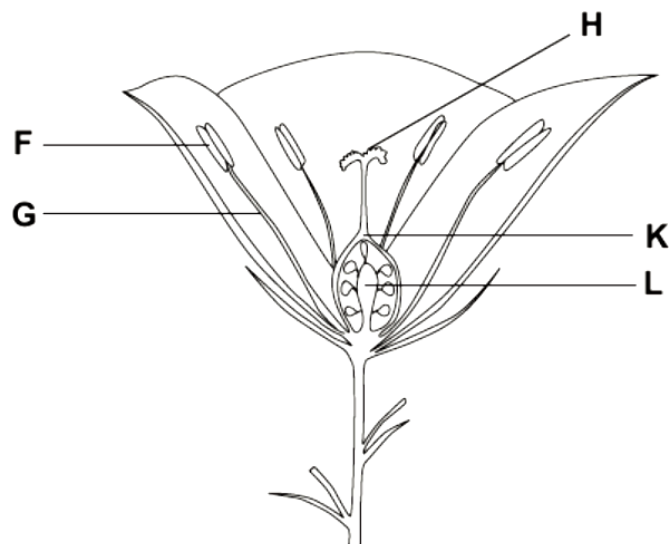


Which letter shows the **female** part of this flower?

Circle the correct answer.

A B C D E

(b) Look at this flower.



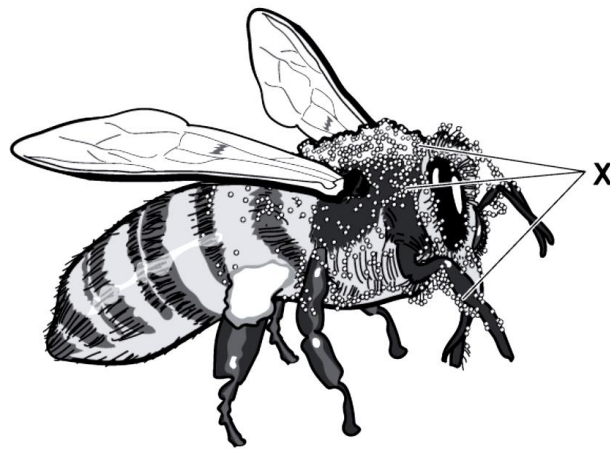
Which **two** letters show the **male** parts of this flower?

Circle the correct answer.

F and G G and H H and K K and L

4. A bee visits a flower.

The bee has little particles from the flower stuck to it.



The particles are labelled **X** on the picture.

(a) Write down the name of the particles.

.....

(b) The bee's visit to the flower helps with a process in the life cycle of the plant.

Write down the name of this process.

.....

5. Flowering plants have a life cycle.

Draw lines to match the stages of the plant life cycle to what happens.

dispersal

getting the pollen to the stigma

fertilisation

joining the pollen and the egg

pollination

spreading the seeds

6. Grade four students investigated the ways **flowers A and B** are pollinated. **Flower A** had big and colorful petals; **flower B** had pale and very tiny petals.

Suggest how flower A and B would be pollinated?

Flower A:

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.....
.....
.....
.....



Flower B:

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.....
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.....
.....
.....

