

How Flowers Make Seeds

Week 15 — Monday | Flowers, Pollination and Seed Dispersal

Reading Time

Flowers are the seed-makers of the plant world. Inside every flower are tiny parts that help make seeds. One part is called pollen. Pollen is a fine yellow powder that lives on the flower's anther. The anther is a little stick in the center of the flower.

For seeds to form, pollen needs to move to another part of the flower called the stigma. This process is called pollination. How does pollen move? Bees, butterflies, and the wind can carry pollen from flower to flower.

Flowers are bright and colorful to attract bees and butterflies. They also smell sweet. Bees love nectar, which is a sugary drink inside the flower. When a bee lands on a flower for nectar, pollen sticks to its fuzzy body. Then the bee flies to the next flower and drops the pollen there. The flower did not have to move at all!

Reading Questions

1. What is pollen?

2. What is pollination?

3. Why are flowers bright and colorful?

4. How does a bee help move pollen from one flower to another?

Vocabulary Grid

Write a definition or draw a picture for each word.

Pollen

Pollination

Nectar

Petal

Stigma

Attract

Bee, Butterfly, or Wind? Sort

Read each flower. Circle how it most likely gets pollinated.

Flower	Bee	Butterfly	Wind
Bright red flower with sweet smell			
Tall grass with tiny flowers, no color			
Large yellow daisy			
Corn with feathery tassels on top			
Purple lavender with strong smell			
Rice plant with no colorful petals			

True or False — Circle Your Answer

- ☐ 1. Pollen is a fine yellow powder.
- ☐ 2. Only bees can carry pollen.
- ☐ 3. Pollination is when pollen moves to the stigma.
- ☐ 4. Flowers smell sweet to attract insects.
- ☐ 5. Nectar is a sugary drink inside the flower.
- ☐ 6. Wind cannot help with pollination.

Draw a Flower Being Pollinated

Draw a bee landing on a flower. Show the pollen sticking to the bee.



Label these parts in your drawing: petal, pollen, bee, nectar

Fill in the Blanks

Word Bank: pollen pollination nectar bees colorful seeds

1. Flowers are _____ to attract insects.

2. _____ is the yellow powder in a flower.

3. When pollen moves to the stigma, it is called _____.

4. _____ land on flowers to drink nectar.

5. Nectar is a _____ drink that insects love.

6. After pollination, the flower can make _____.

Find a Flower

Look around your home, yard, or neighborhood. Find a flower!

What I Found	Color	Smell (circle)
		Sweet / None / Other
How many petals does it have?		

Activity Preview

Coming Wednesday: We will take apart real flowers and look inside with a magnifying glass! Then we will simulate pollination using corn starch.

Think about it: What do you think you will find inside a flower?