

Lesson Title: **Busy Bees**

**Grade: K/1**

**Objectives:** Students will learn and identify the each step of pollination. The students will appreciate the importance of bees in agriculture.

**Standards:** 1.3.3 Observe and explain that plants and animals have basic needs for growth and survival.

**Materials/preparation:**

Cheetos

Brown paper bags

Bumblebee finger puppet

Black/white diagram of flower to glue on bag

Crayons, scissors

**Vocabulary**

**Nectar-** a sweet liquid reward for pollinators that is produced by flower glands called nectaries

**Pistil-** the female part of the flower including the stigma, style, and ovary.

**Pollen -** the fine, powder-like material produced by the anthers of flowering plants.

**Pollen basket-**a smooth,slightly concave surface of the outer hind leg of a bee that is fringed with long, curved hairs that hold the pollen

**Sequence of activities/procedures:**

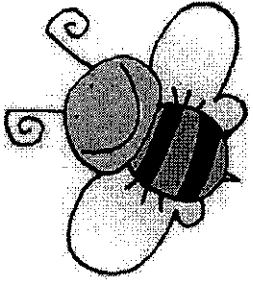
1. Read the beginning pages of *The Bumblebee Queen* by April Pulley Sayre(Cole Library)
2. Hand out the finger puppet for students to color.
3. Glue the flower to the paper bag
4. Fill each bag with Cheetos—(pollen)
5. Have the kids eat their Cheetos being sure not to lick their fingers or wash their hands.
6. Have kids fly from flower to flower and see that they are leaving pollen on the flowers.

**Assessment/Closure:**

1. Show You-tube video---Pollination Process in plants for kids
2. Have kids share with each other what just happened.
3. Do worksheet to check for understanding.

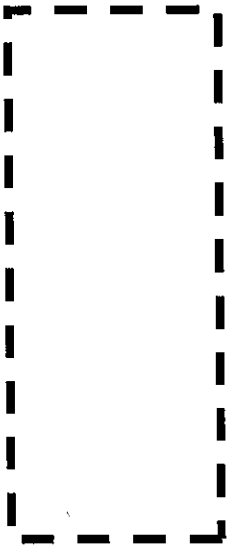
**Considerations:**

**Pollination  
Experiment**

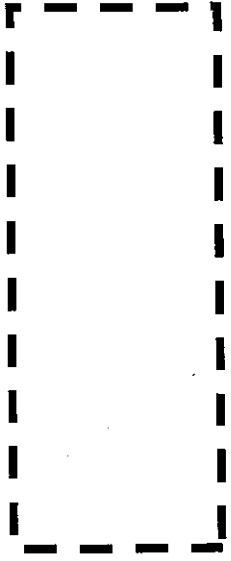
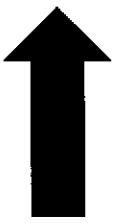


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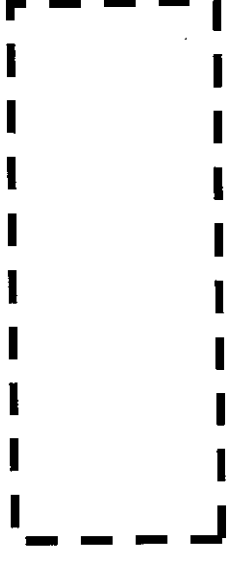
My bag of Cheetos represents...



My hand represents...



When I touched a flower...



Pollen



Pollen



Pollen



Bee



Bee



Bee



Pollination



Pollination



Pollination

