



## Green Our Planet's School Garden Curriculum

### Title: **Flower Reproduction**

**Topic:** Flower Parts With Farmer Joe

**Link:** <https://www.youtube.com/watch?v=CjTQSnrHnL4>

**Grade Level:** 3

**Standards:** 3-LS1-1 (at 0:42)

**Objectives:** (at 1:09)

- Identify the parts and the purpose of a flowering plant
- Identify the flower's role in the life cycle of the plant
- Identify the relationship between flowers and pollinators

**Segments:**

- Teacher 0:26 – 0:58
- Student 1:00 – 14:55
- Quiz 14:58 – 17:15

#### Concepts and/or Topics Covered & Vocabulary Notes:

- Different parts of a flower
- Jobs of parts of a flower
- Why insects visit flowers
- Pollination
- Vocabulary section at end (17:23)

Flower	Pollination	Pistil	Hypothesis
Ovary	Stamen	Style	

- Possible additional vocabulary

Stigma	Filament	Anther	Petal
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Stem	Sepals	Nectar
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#### Methodology:

- Nice visuals / graphics and illustrations of plant's life cycle
- Great time-lapse photography of flowers opening
- Macro photography of insects pollinating flowers
- Discussion with partner (4:30) What are some other types of pollinators? Are bees and butterflies the only ones?
- Draw and label parts of a flower (6:40-9:46)
- Discussion with partner (9:51) What parts of a flower do you think insects like the most?
- Question (11:55) Why do flowers make food for bees?
- Quiz at end includes open-ended, multiple choice and true/false questions

#### Possible Supplemental/Follow-up Activities:

- Go outside, find some flowers, and observe insects pollinating flowers (14:30)