



Pollinating Orchards

Grade: 6th, 7th, 8th

Season(s): early fall or spring preferable

Objectives:

- identify parts of a flower
- Define pollination
- Categorize fruit varieties that self pollinate and fruit varieties that cross pollinate

Materials and Tools:

- Pollination powerpoint
- Pollination video- (in powerpoint)
- Parts of a flower
- Pollination lab- different for orchard specific pollination lesson (second semester only) 1) global pollinators, 2) bee reading 3) self vs cross pollinating crops

Before you Begin:

1. Make sure you have a space for each station, all handouts printed

Opening Circle (10-20 min):

How is fruit made? What do we know about pollination? What is the importance of pollination?

Provide full answer in paragraph/bullets below.

Procedure (~ 30 min):

1. QOD- what is the importance of pollination in agriculture?
2. Start pollination powerpoint
3. Divide students up into 2-3 groups depending on how many stations you decide to have. When I did 3 stations time was short for 6th graders. 3 stations may be good for 8th but 2 may be best for 7th
 - Explain pollination lab and let students loose
 - Ideally, the power point plus QOD is no longer than 15 minutes

- Allow 10 minutes for each station- have less stations and more time for younger grades
4. Allowing 5 minutes bring students back and show pollination video
 5. Ask students, what life would be like if we didn't take care of our pollinators?

Closing Circle (5 min):

6. Ask students, what life would be like if we didn't take care of our pollinators?