

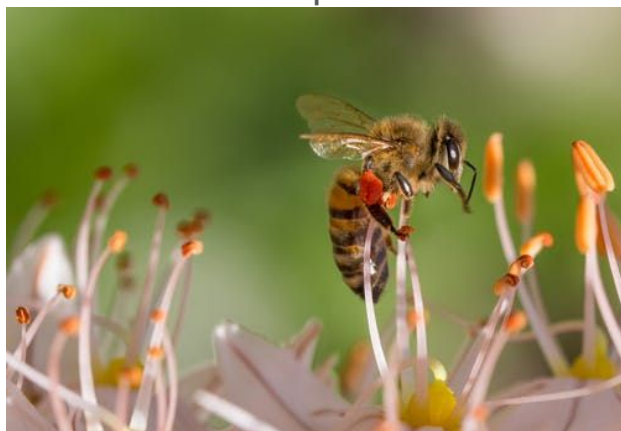
Sample 2nd Grade Lesson

Pacific Preparatory Academics

PACIFIC
PREPARATORY

Below is a sample lesson for second-grade science, which typically would be completed in an hour-long 1:1 session.

2nd Grade Science | Pollination Lesson Plan



Objectives:

- Student learns what plants need to grow.
- Student learns how plants depend on animals to spread seeds and pollinate.
- Student demonstrates an understanding of scientific concepts by analyzing texts, pictures and videos.

Lesson Agenda/Overview:

Learning Sequence:

1. Introduction of Lesson Agenda & Goals
2. Hook & Introduce Guided Questions
3. Project
4. Answer Guided Questions
5. Closing

Materials:

- Cheetos
- Brown paper bags
- Bee finger puppets
- White flower cut outs

- Science journals
- Pollination experiment graphic organizer (can easily be made)

Activity 1: Overview of Agenda and Goals

By the end of the lesson, the student should:

- Understand what plants need to grow.
- Understand how plants depend on animals to spread seeds and pollinate.
- Demonstrate an understanding of scientific concepts by analyzing texts, pictures and videos.

Activity 2: Hook

Address questions (pre-written) on white board:

- “How do bees pollinate flowers?”
- “How do bees collect pollen and nectar?”
- “What is the bee anatomy?”
- “Why are bee’s yellow and black and have stingers?”

Show [animated video](#) of bee pollination.

Discuss with student:

- What is the bee doing when it’s on the flower?
- What’s happening to the pollen (what is pollen?)?
- What happens to the pollen when the bee goes to another flower?
- What does that do?

Activity 3: Project

The student will make flower and bee puppets and then demonstrate pollination using these puppets.

Process:

- Have the student color and assemble the bee finger puppet. During this assembly, describe bee anatomy and importance of coloring. Use whiteboard, if needed.
- Cut out a white flower and paste it onto a brown paper bag. Then the teacher will fill the bag with Cheetos.
- Have student place the bee finger puppet on their hand. The student will land on their flower (reach inside and eat Cheetos or just touch them if they don’t want to eat them).
- Remind the student not to lick their fingers or wipe off Cheetos. The student then flies their bee to the flower and wipes their fingers (the bee’s legs) on the white flower to represent the bee dropping off pollen in another plant.

The student then uses a graphic organizer to individually draw/write out what the experiment they just completed represented.

Activity 4: Answer Guided Questions

Return the the white board and have the student answer the following questions:

- “How do bees pollinate flowers?”
- “How do bees collect pollen and nectar?”
- “What is the bee anatomy?”
- “Why are bees yellow and black and have stingers?”

Activity 5: Closing

Discuss:

1. What did you learn today?
2. What did you like about today’s activity?
3. How can we make it better next time?
4. How can we use this outside of the classroom? or why is this important to the world outside our classroom?

Lesson Plan based on curriculum by Teacher Brittany Zae. Prepared and adapted by Pacific Preparatory