



# Pollen Detective

**Provided by:**

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Information	Program Description
2nd-5th Grade, but can be adapted for younger and older students.	Students will explore pollination and the role it plays in our environment through the eyes of botanist Peg Bolick. Students will learn about pollination through lessons on reproduction, heredity, pollinators, and ancient plants.
Curriculum Format	Each lesson can be presented in 45-60 minutes.  Teaching Guide with complete instructions is provided.  Teaching Kit with materials needed to present lessons is provided. User may need to provide standard classroom supplies (pencils, scissors, glue). If a lesson requires perishable items (e.g. milk), user is responsible for these purchases.

Lesson	Overview
One: Pollination	Students will watch a video about pollen specialist Peg Bolick and pollination. Then students will make models of a bee and flower, and act out the role a bee plays in flower pollination.
Two: In Search of Pollen	Students will learn how botanists dissect flowers to gain information about a flower. This lesson allows students to dissect their own flower,
Three: Medical Mystery	Students will solve a medical mystery through an activity. Students will be given a story about a girl who gets sick unexpectedly. Then students will work in partners to analyze a pollen sample to find out what makes Tasha sick.
Four: Flower Engineers	Students will become flower engineers through an activity that allows them to build a model of a flower to attract different insects that pollinate.
Five: Pollen Tracks	Students will dig for pollen fossils by doing an activity with ancient plants that contain "pollen." Then the students will extract the pollen

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