**Educator Curriculum: 6th-8th grade**

**Flower Dissection & Pollination**

**Essential Question/Objective -** What adaptations do flowers have to ensure their pollination and survival?

**Lesson: Flower Dissection** - Through the dissection of a flower, students will explore the different parts of a flower and learn the functions of these parts that ensure the flower's survival. Different types of flowers need different types of pollinators.
Students will:

- Observe and dissect a flower to learn its parts and how they are built to ensure pollination and survival.
- Compare the form of the structural adaptations of a flower to their functions
- Explain how the adaptations allow flowers to survive

Subject: Science
Duration: 60 Minutes
Science Standards: Growth and Development of Organisms
Thinking Skills: Analyzing- Break down a concept or idea into parts and show the relationships among the parts.

## Preparation & Materials

Flowers, Scissors, Magnifying Glass, Tape (optional)
Notecards with "Give Five Examples" statement (see Lesson Hook below)
Flowers for the lab can be gathered in the wildflower areas of ELiza Howell Park.
Download lesson plan, then print and distribute copies of the PDF "Flower Dissection/Pollination" worksheet to students

## Lesson Hook/Preview/Warm Up:

The instructor will distribute note cards with this statement on one side:
Give five examples of how the flowers are different and five examples of how the flowers are alike.

## Vocabulary

dissection, sepals, petals, pistil, stigma, style, ovary, stamen, anther, filament

**Assessment Materials/Recall Card (optional) -** On a 3x5 note card, students will write three things that they learned about the structures of a flower. This note card will be a student's ticket out the door.