# Flower Taxonomy

**Grade Level:** 4

## OBJECTIVES

Following this activity, students will be able to:

- Identify the six different classes of certain flowers
- Recite the six different classes.

## MATERIALS

- Computer with internet access
- The Wolfram|Alpha internet address
- Worksheets
- Pictures of five different flowers

## PROCEDURES

1. **Before students begin this activity they should know that:**
   - With taxonomy, they can identify a flower scientifically.

2. **Explain to the class the different taxonomy classes:**
   - Kingdom, phylum, class, order, family, and genus.
   - Teach them the phrase to remember them: **King Philip Came Over For Gum**.
   - Let them make their own phrase if they want.

3. **Show the class Wolfram|Alpha**
   - Show them where to type in the address and how to type in the question bar.
   - Have them type in a specific flower, and then look for the taxonomy section.
   - Then they should fill in the different classes on the given worksheet.
   - Do this same process for five flowers total

4. **Let them work independently**
   - Answer any questions if needed.

5. **Go over the answers in class and have a group discussion.**
   - They can rewrite answers on their worksheets.
   - Have them write their favorite flower on the back of the page.

6. **Homework:** Go home and explain the different classes to your mom and dad.

## ASSESSMENT

1. If students are able to recite the different classes then they have passed the activity for the day.