

# Experiment: Plant's Vascular System

*We are going to conduct an experiment to practice the scientific method and learn about the plant's vascular system while doing so!*

## Materials Needed:

- **White carnations** (depends on how many you want to test) OR **leafy celery stalks**
- **Food coloring** (or highlighters if you have a blacklight)
- **Cups** that will support the plants (better if clear)
- **Scissors** (cut plants to fit cups)
- **Water** (mix with food coloring/highlighters in cups)
- *Blacklight (optional)*

## Scientific Method:

**Step 1:** \_\_\_\_\_

Write any observations that you see with the plant and water.

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**Step 2:** \_\_\_\_\_

What questions do you have about the experiment?

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**Step 3:** \_\_\_\_\_

What do you think is going to happen to the plants overnight?

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**Step 4:** \_\_\_\_\_

Put the plants in the colored water. Make sure they are in a safe place when your pets won't eat them!

We will let them hangout overnight and check what happened tomorrow.

***DON'T COMPLETE THIS SIDE UNTIL NEXT DAY***

**Step 5:** \_\_\_\_\_ & \_\_\_\_\_

How do your plants look today?

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What do you think happened to them overnight!?

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**Step 6:** \_\_\_\_\_

Make sure you share your data with the teacher/group and check out what happened to other people's plants! We always like to compare our results with others, just in case something different happens.