**Lab Activity:Plant Transport in Action**

The Question:

What happens when I put a celery stalk into colored water?

Hypothesis:

**Materials:**

* 1 celery stalk
* 1 beaker
* Water
* Food colouring

DAY 1 Procedure:

1. Gather all your materials
2. Dye your water with food coloring
3. Place the celery stalk into the food coloring
4. Record qualitative observations of the celery stalk

Day 2 Procedure:

1. Record your qualitative observations
2. Clean up your station, return any materials to drawers/teacher and throw away celery stalks

Observations:

|  |  |
| --- | --- |
|  | Celery Observations |
| Day 1 |  |
| Day 2 |  |

Analyzing and Interpreting

1. What happened to your celery stalk? Explain why.
2. What is transpiration?
3. Is the celery stalk photosynthesizing? How could you tell if it is or not?
4. What is the chemical formula for photosynthesis?