

Science Lab Report

Name: Joan

Lab Partners: Amy and Karen

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STEP 1: QUESTION: What is the question you hope the experiment will answer?

What will happen to the carnations when we put them in dyed water?

STEP 2: BACKGROUND INFORMATION: Write a summary of your background reading.

n/a for this experiment

STEP 3: HYPOTHESIS: Predict the outcome of the experiment.

I think that the carnations will die because of the dye in the water.

STEP 4: MATERIALS, PROCEDURES, & OBSERVATIONS: Describe in your own words the materials and procedures used, using appropriate signal words..

Write down what happened as a result of the experiment. Mention only what you see, smell, hear, taste, or touch as a result of the experiment.

Materials: The materials we used were: 3 clear plastic cups of water, 3 white carnations, 3 different colors of food dye, and a pair of scissors.

Procedures:

First, we placed each white flower in a separate clear container half filled with water. Then we then put 3 drops of a different food coloring in each container.

Observations:

Each white flower that was in colored water changed to the color of the dye in the container.

STEP 5: DRAW A CONCLUSION: What happened? What did you learn? Did anything go wrong? Did anything surprise you? Was your hypothesis correct?

The hypothesis was completely wrong. The flowers didn't die, they just changed color. We learned that the food coloring we used is not harmful to plants and that the stems of a flower move the water all the way up to the petals.