**Colored Carnations Experiment**

What you will need:

White carnations

Flower vases

Food Coloring

Water

Directions:

Fill vase half full of water.

Add food coloring, 20 drops or so, to the water.

Cut the bottom of the carnation stem off (to remove dead end) and place a flower in each vase.

Let the flowers sit in the water for 24 hours and then check on the flowers.

The idea:

A plant “drinks” water from the soil through the roots. Without roots, the flower can still drink the water through the stem. This experiment shows how water moves up the plant. This water can then be used to make food for the plant.

Questions to ask:

What did you observe before the flower was put in the water? after?

Where do you see color in the flower (leaves, petals, stem)?