

Ladies and gentlemen, welcome to our science experiment demonstration. Today, we are going to conduct a simple experiment to show how plants absorb water. Let's begin.

****Step 1: Introduction****

First, let's introduce the purpose of our experiment. We aim to observe capillary action in plants, using colored water to track its movement.

****Step 2: Gather Materials****

For this experiment, we need the following materials:

- A clear glass or vase filled with water
- A few drops of food coloring (any color of your choice)
- A white carnation or celery stalk with leaves

****Step 3: Add Color****

Add a few drops of food coloring into the water in the glass. Stir gently to mix the color evenly.

****Step 4: Prepare the Plant****

For this demonstration, we will use a white carnation. Cut the stem at an angle to ensure better water absorption. Immediately, place the cut end of the stem into the colored water.

****Step 5: Observation****

Now, we wait and watch. Over hours or days, observe how the colored water travels up the stem. You should begin to see the color appearing in the petals of the carnation or the leaves of the celery.

****Step 6: Conclusion****

In conclusion, this experiment visually demonstrates how plants absorb water through capillary action. The colored water travels from the glass, up the stem, and into the petals due to this process.

Thank you for your attention. I hope you have enjoyed this simple and fascinating experiment. Feel free to try it at home with different plants or colors!