

How Do Plants Drink Water?

This is a great way to introduce kids to how plants absorb water through osmosis. You will be able to see the water being absorbed as some of the color molecules get transported to the upper parts of the plant.



What you need:

Celery or lettuce – fresh leaves and stalks work best. It also works better if they are lighter stalks.

Several glasses or jars filled with water

Food coloring



What to do:

1. Separate a few stalks of celery or leaves. You will need the amount for how many food coloring examples you want to use. Darker colors work best, so it is recommended to use a selection of blue, red, purple, or orange.
2. Cut about a half of an inch off the bottom of the stalk or leaf.
3. In an 8 oz glass of water, add about 3-4 drops of one color of food coloring for each glass.
4. Place the stalks or leaves in the water and stir slowly until the food coloring is evenly distributed.
5. Make predictions with your children on what will happen. Which color will be absorbed the most? The least? What will the celery or lettuce look like after 3 hours 12 hours? Two days?
6. Check at each of the intervals. You will see the best results overnight and after two days. You can also cut the end of stalk to see where the water was transported based on the food coloring



Tune in today to Como Live on Facebook at 1:30pm to see the changes that have taken place during the Sunken Garden summer flower show.