

How A Stem Works

What you need:

- 2 glasses of water
- Food coloring
- A fresh piece of celery with its leaves on top
- A white carnation
- Knife (adults only please)

What to do:

1. Add a few drops of food coloring to each glass of water.
2. Put the celery in one glass and the carnation in the other.
3. Set the glasses in the sunlight and leave alone for 24 hours.

What happens?

Look at your celery and carnation after they have been sitting in the sun. They have changed to the color of your food coloring! That is because the stem of the celery and carnation were pulling up the water from the glass to the rest of the plant. An adult should cut the stem of the plants so that you can find the tubes that the plants used to carry the water.