



Use basic techniques to demonstrate **CAPILLARY ACTION**.

**Capillary action** describes the spontaneous flow of a liquid into a narrow tube or porous material. This movement does not require the force of gravity to occur. In fact, it often acts in opposition to gravity

### WHAT YOU NEED

- 7 small jars or cups
- 6 paper towels
- Food coloring
- H<sub>2</sub>O

### WHAT TO DO

1. Line up seven canning jars or cups.
2. Starting with the first jar, fill every other jar half full with water.
3. Dye the water, choosing colors that you wish to mix
4. Cut a paper towel in half and then fold it into quarters lengthwise.
5. Cut about an inch off the open ends of the paper towel so that it fits snugly over the cups.
6. Repeat this process until you have six paper towels.
7. Stick one end of a paper towel into the colored water and the other half into an empty cup.
8. Continue this pattern for all the glasses.

Within a few minutes, you'll starting noticing the color traveling up the paper towels towards the empty cups.