



GATEWAY REGION YMCA CAPILLARY ACTION

We learned about surface tension on a penny and capillary action is a fluid phenomenon that uses surface tension to move water upwards. Ever wonder how water travels from roots to the leaves of trees? Here we are going to demonstrate capillary action.

Supply List

- Paper Towels
- 3x Cups
- Food Coloring

Instructions

1. Fold the paper towel a few times over and crease
2. Set up two cups filled about a half the way with water
3. For extra fun, lets dye our water two different colors
4. Place the empty cup between the red and blue water cups
5. Place the end of paper in the water cup and in the empty cup
6. Repeat with the other
7. Wait a few hours and watch purple water form in the third cup
8. Notice how the water levels will even out over time

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