

# Traveling Water Experiment

In this experiment, you will find out that water doesn't just flow in river. It can flow on a string, too. It's not magic. It's science!



## Active Time

30 minutes

## Total Time

30 minutes

## Materials

- water
- food coloring (optional)

## Tools

- 2 cups
- a long string (be sure to use cotton twine or strings that can absorb water. Polyester strings won't do)
- scotch tape
- adult supervision

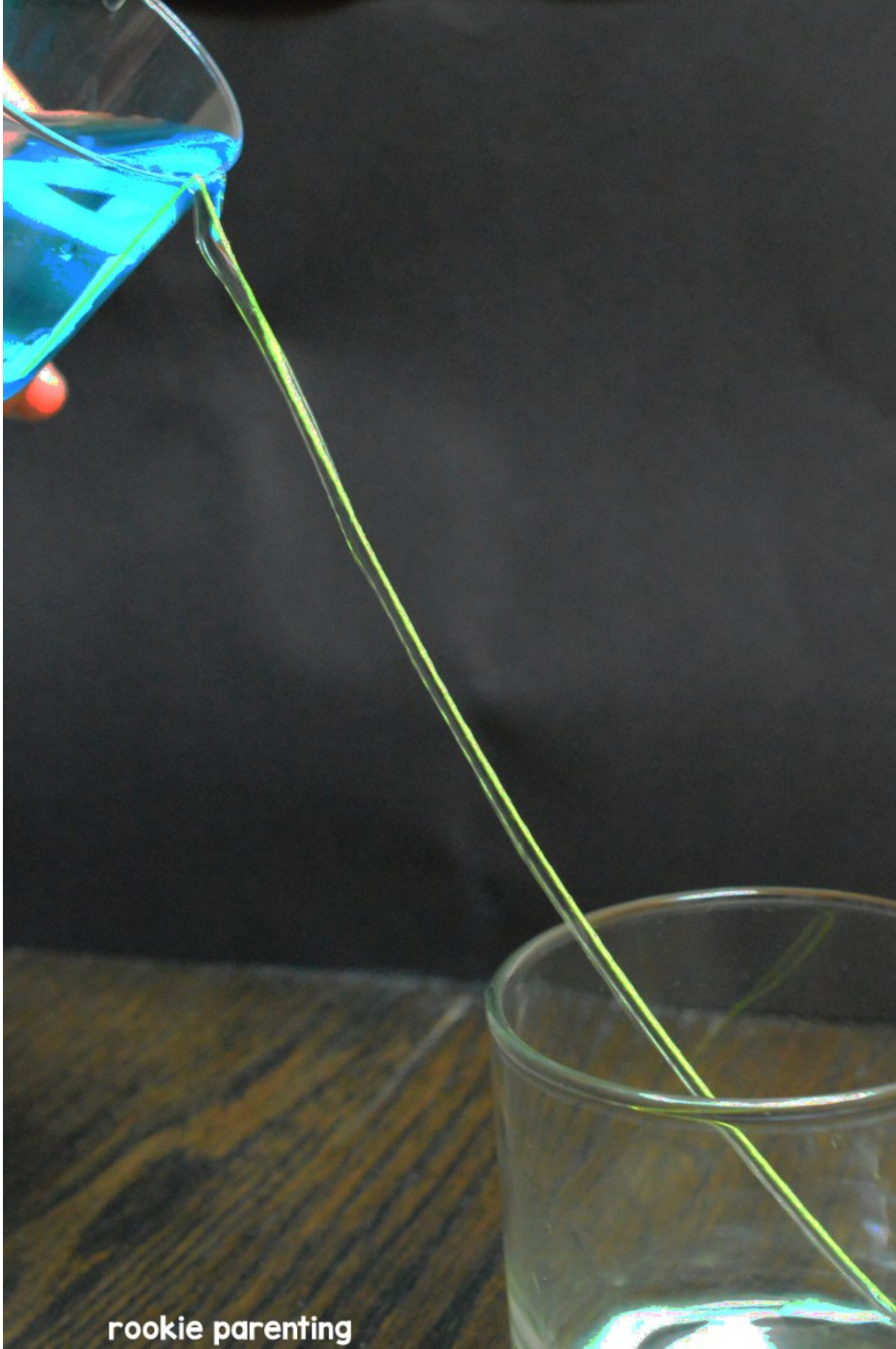
## Instructions

1. Tape one end of the string to the inside bottom of a cup.
2. Fill the other cup with water (and food coloring if you want) and put the free end of the string in the water (not taped).
3. Lift the cup with water up above the other, but not directly over it. Hold it far enough that the string is taut. Be careful not to pull the string out of either cup.
4. Slowly pour the water out of the top cup onto the string. Remember to keep it taut at all times. Observe what

happens.



5. Now, soak the entire string in water and try again. You should be able to pour the water straight from the top cup to the bottom cup through the string.



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