

Try this lab at home.

Materials:

small styrofoam cup
water
straw
3 x 5 index card

Note: This lab activity should be completed over a sink or bathtub. It is possible that water will be spilled.

Procedure:

Part A:

1. Pour some tap water into the cup. Obtain a straw and sip some water. Why does this work?
2. Now, suck up some water and place your index finger over the top of the straw. Lift the straw out of the cup.



What happens?

What causes the water to remain in the straw?

Part B:

3. Fill a styrofoam cup brim full (overflowing) and place a dry index card securely on top. Make sure there is good contact between the card and lip of cup. Now, gently turn the cup sideways.

What happens to the water?

Now, gently turn the cup upside down and carefully let go of the card.

What happens to the water now? How is this possible?

