Grade 3
Week 7

POUR WATER DOWN A STRING

Water flowing out of a tap in a steady stream forms a smooth tube. Surface tension keeps the water in this shape. Try pouring water down a string to see this effect yourself!

MATERIALS:

a small jug
an empty container
1 foot string
water

PROCEDURE: **Do this experiment over the kitchen sink or outside.**

1. Tie one end of the string to the handle of the jug.
2. Fill the jug with water.
3. Pass the string over the lip of the jug and hold the free end against the inside of the container.
4. Separate the jug and the container so the string is pulled tight.
5. Hold the jug right above the container and pour slowly and carefully.
6. After the flow has started, move the jug down so it is at an angle.
7. Record your observations.

*The ***surface tension*** should hold the water close to the string so it flows along it. Good Luck!