Name_____

Date_____

HOME/SCHOOL CONNECTION

Water on Surfaces

You have been working with water on different surfaces. Water will bead up on some surfaces and absorb into others.

List some surfaces that will **absorb** water.

List some surfaces that will **bead** water.

How much water will different surfaces absorb? (Try using household objects such as sponges and washcloths.)

1. Start with the same amount of water in a container.
2. Drop dry surfaces into the container. Make sure they are fully soaked.
3. Pull out the object and record the water remaining in the container.
4. Subtract that amount from the original volume. The difference is the amount of water that was absorbed.

Record your information in the table below.

Surface	Initial Water Volume (ml)	Final Water Volume (ml)	Amount of Water Absorption (ml)

What did you learn from this?

Analyze your data. What does your information tell you about how and why some surfaces absorb more/less water than other surfaces?

Evaluate your experiment. What did you do to make sure you conducted a fair test? What are some ways you could have improved your investigation? What are some ways you could take this experiment a step further?