WATER PROPERTIES LAB

STATION 1: Microscope slides

1. Put two wet slides together and then try to pull the wet slides apart.
2. What do you observe?

STATION 2: Cups filled with water

1. Fill one plastic cup until it is almost spilling over the rim.
2. Predict how many pennies you can add until the water spills over the side.
3. Add pennies to the cup until the water spills over.
4. Record the number of pennies needed to make the water spill over.

STATION 3: Paper clip float

1. Fill a petri dish with water. Predict how many paperclips you can balance on the surface of the water at one time.
2. Using a plastic fork, gently try to float a paperclip on the surface of the water.
3. Continue adding paperclips to the water until they are no longer floating.
4. Record the maximum number of paperclips that were floating at one time.

DISCUSSION QUESTIONS:

1. Give a possible explanation for the slides sticking together.
2. Why do you think you were able to add pennies to a cup that was already full of water?
3. How do you think the paperclips were able to float on the water? Why did we use a plastic fork to handle the paperclips?