

Name:

Grade and Section:

Score: /5

Date:



Activity # 1 : Opening WaterBending Activity

Directions: You will be grouped by your teacher. Work by group and submit the activity as early as possible. This activity will help you acquire real-life concepts of static electricity.

Materials You Need:

3 Styrofoam cups (you can also use 2 paper cups and an inflated balloon) and a toothpick. Also, this experiment will also require water and someone with dry and clean hair.

Prepare the set-up by pushing the toothpick at the bottom side of the cups. Leave the toothpick to produce a gentle drop of water after filling the cup. Hold the cup directly over the second cup. Fill the cup (with a toothpick) with water and check if it is leaking steadily.

1. Observe the flow of water from the top cup to the cup below. What are your observations?
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2. Rub the third cup on someone with dry hair several times. (This process will help you in acquiring electrical charges). Hold the cup (rubbed against dry hair) near the water stream without getting the cup wet. What happened to the water flow?
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3. Then, slowly move the cup away from the stream and observe. Did you observe changes? If yes, describe the change.
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4. Try other objects (such as balloon, paper cup or any material) aside from the Styrofoam cup and rub it on a dry and clear hair. What objects have you tried?
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5. Which of the objects have changed the flow of water?
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