



# Static Electricity

Do the following experiment and take notes on what happens and why.

Materials: two balloons, two 3-foot pieces of string, tape.

Procedure: Blow up the balloons and tie the strings to the ends. Hang them beside each other in a doorway so that they are close but not touching each other. From their hanging position, rub each balloon on your hair and then let go. Record what happens.

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The balloons should have pushed away from each other. Why did that happen? The balloons became similarly charged. What do you know about like charges?

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