

Date: _____

Name: _____

The Balloon Experiment

In the air, we have positive and negative charge, when they come together we can experience a shock from static electricity that we had gathered.

The rubbing of certain materials against one another can transfer negative charges of electrons. For example, when you rub a balloon against your hair, it will lead to your hair standing up!

Since objects with the same charges repel, your hair now has the same charge.

Let's do an experiment!

What you need:

1. Balloon
2. Dry Weather

Experiment:

Step 1: Blow up the balloon (get someone to help you tie the end of the balloon).

Step 2: Wave the balloon over your head.

Step 3: Observe what happens! (Did your hair follow the balloon or stay in place?)

Step 4: Rub the balloon onto your head and knock off some electrons!

Step 5: Observe what happens when you wave the balloon near your hair!

Step 6: Now hold the balloon against a wall and observe what happens!

This activity was created by Habiba.

