

BAFFLING BALLOONS

In this experiment, you will discover the power of static electricity! All you need is a balloon and paper.

- 1.** First, rub the balloon against your hair. This causes the electrons (negatively charged particles) to move from your hair onto the balloon. What happens to your hair?
- 2.** Next, try to use the balloon to pick up a piece of paper. If it worked - why do you think it worked? If it didn't work - what do you think went wrong?
- 3.** Have a friend rub a balloon on their own hair while you do the same with your own balloon. Then, try to stick the balloons together. Did they stick? Why or why not?
- 4.** Do you think we could use static electricity to power our homes? Why or why not?

