

## Salt and Pepper Balloon Experiment

Have you ever rubbed a balloon on your head? What happens? Your hair sticks to the balloon! This is static electricity at work. It is powerful enough to make your hair stand up or stick a balloon to a wall, but it can do something cool with small objects as well, like salt and pepper.

### MATERIALS:

For this experiment you will need:

- A balloon
- 1 teaspoon salt
- 1 teaspoon pepper



### INSTRUCTIONS:

1. Start by sprinkling the salt and pepper onto the table (you can put it in a plate, for easy cleanup)



2. Next blow up your balloon and rub it on your hair, to build up a static charge.

You will know it's working when your hair begins to stand up and stick to the balloon.



3. Once you have built up a static charge hold the balloon over the salt and pepper and see what happens.



The salt and pepper are both attracted to the balloon, but the pepper is lighter than the salt, so even if the salt does jump up to the balloon, it's too heavy to stay and falls back down.

Pretty neat, right?