



## Static Electricity Experiment

Static Electricity is created from electrons collecting in a spot and suddenly discharging off of that spot. You have probably experienced this when you walked across a carpeted room and touched a metal doorknob, the static electricity shocking you. Try this experiment to see other ways you can observe static electricity!

### **Materials:**

Balloons  
Plastic Ruler  
Paper Confetti  
Felt

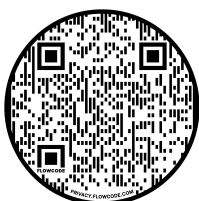
### **Charge your objects!**

Blow up your balloon and tie it. Now rub the balloon or the ruler back and forth quickly against the felt. Make sure not to switch hands while doing this or you will have to recharge the objects.

### **Experiments:**

Once you have charged up your objects, try these experiments!

1. Pour some confetti on a piece of paper and bring the charged object close but not quite touching. Write down what happens!
2. Bring your charged balloon near a wall or a sweater. Write down what happens!
3. Put one of your charged objects near your hair. Write down what happens!



Now, try to find more ways to charge your objects or something else that can be charged! For more information on static electricity, scan the QR Code and check out our available databases!