

## ***Station Directions***

### **Station 1—Snake Charmer**

1. Charge the end of the balloon with the wool cloth by rubbing it for 60 seconds.
2. With the end of the balloon, pick up the string without touching it.
3. What did you observe? See how high you can raise the string. Try picking up the yarn with the end of the charged balloon without touching it. Record your observations in a science journal.

### **Station 2—Romeo and Juliet**

1. Pick one Romeo and Juliet from your group. Don the appropriate necklaces. Juliet (electron) shuffles his/her feet on the carpet and heads for Romeo (proton) with an extended finger. Try building up a charge and touching other metallic items in the room.
2. Write a paragraph about what you observed. Include opposite charges attract, static electricity is stationary, it is a build up of charges until it discharges, then it becomes current electricity. Record your observations in a science journal.

### **Station 3—Balloon Games**

1. Hang both balloons by their strings from a student's desk about two inches apart. Tape the string to the desktops. How do they react to each other? Record your observation in a science journal.
2. Charge the side of one balloon that faces the other balloon by rubbing it with a wool cloth for one minute. Make a drawing showing how the balloons react to each other. Label the drawing, telling what you did and how they reacted.
3. Rub both balloons for one minute with a wool cloth on the sides **FACING** each other. Draw how they reacted to each other and record what you did to the balloon to cause that reaction.