Static Electricity and Magnetism

Elicitation Activity

**Materials**: Dry Erase Boards Dry Erase Markers

Refrigerator Magnet Balloon

**Procedure**:

1. Place a refrigerator magnet on a metal object so it sticks

2. Rub a balloon and stick it to the wall. Also, ask students to think about a dryer and how socks cling to one another after being in the dryer.

 

3. On a sheet of paper, place your name.

4. Draw and label a picture to represent what you think is happening to cause the magnet to stick to the refrigerator

5. Draw and label another picture to represent what you think is happening to cause the articles of clothing to stick together (or the balloon to stick to the wall)

6. Compare and contrast:

* 1. Make a list of other magnetic affects you have observed
  2. Make a list of other static electricity affects you have observed
  3. Make a list of similarities between magnetism and static electricity
  4. Make a list of differences between magnetism and static electricity

7. Create a list of ideas from the class, pointing out differences in the groups’ ideas, similarities, and creative ideas.

8. After the class discussion, “Are magnetism and static electricity basically the same phenomenon or are they different”?