

FOLLOW UP- QUESTIONS:

1. What happens when **charged** objects are brought near **neutral** objects?
 - **Charged objects will attract the neutral objects**
2. When two objects with the **same charge** approach each other, what happens?
 - **Objects with the same charge will repel each other**
3. When two objects with **opposite charges** approach each other, what happens?
 - **Objects with opposite charges will attract each other**
4. What **evidence** from this activity suggests that there are **two types** of **electric charges**?
 - **Since we know that charging the polyethylene strips and charging the acetate strips produced different charges due to the electron affinity (electrostatic series), we witnessed the opposite charges attracting each other**
5. What could you do to find out if an object is **charged** or **neutral**?
 - **Bring two objects close to each other, if nothing happens this is evidence they are both neutral**
 - **Knowing that they are both neutral, we can then charge one object, they should then be attracted**