**Diffusion Lab—if you were absent:**

**Read through the background information.**

**Read through the procedures of how to set up the lab.**

Do you think the baggie will choose (be selectively permeable to) only the corn starch to move out of the baggie?

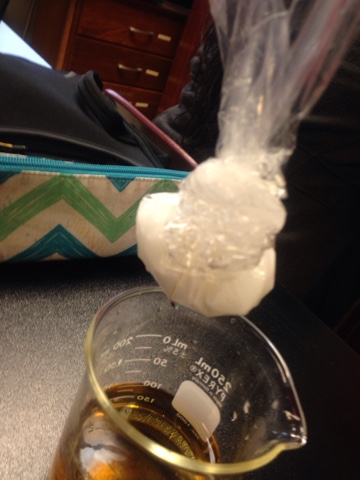
**If so, fill out your hypothesis as . . . stay white.**

Do you think the baggie will choose (be selectively permeable to) only the iodine to move into the baggie?

**If so, fill out your hypothesis as . . . turn purple.**

**Fill out materials:** plastic baggie, pipette, corn starch, spoon, iodine, twist tie, 250 ml beaker water.

This is a picture of the setup of the beaker of iodine with a baggie of corn starch set inside the beaker.





Baggie of cornstarch/water

Iodine/water

After 15 minutes—the cornstarch in the baggie turned purple and the iodine in the beaker stayed the same color (yellow-orange)



Now complete the Questions on the back of the lab paper.