

NAME: _____

Lab Report: Diffusion



CHIP KIDS

Complete the lab report as you conduct the experiment!

PURPOSE:

HYPOTHESIS:

OBSERVATIONS AND RESULTS:

CONCLUSION:

NAME:

NOTES:

VOCABULARY:

- Concentration: the amount of a substance relative to the volume it is contained in
- Diffusion: the process of substances flowing from areas of high to low concentration

NAME:

MATERIALS:

- Candy-coated candies
- Water
- Plate
- Timer

PROCEDURE:

1. Place the candy around the edge of the plate in a circle, make a pattern of colors.
2. Pour the water in the center of the plate until it is just touching the bottom of the candy. What do you predict the mixture will look like?
3. Set a timer for 5 minutes and observe what happens as the water and the candy interact. Does it look like what you predicted? Why or why not?