



Candy Diffusion

Supplies: Candy coated chocolate candies (or candy coated fruit candies), plate, water, timer

Instructions:

1. Place the candy around the edge of the plate in a circle, making a pattern of colors.
2. What do you predict will happen when you add water to the plate? What will it look like?
3. Pour the water in the center of the plate until it is just touching the bottom of the candy.
4. Set a timer for 5 minutes and observe what is happening with the water and the candy.
5. Does it look as you predicted? Were you surprised?
6. In this activity you observed diffusion of molecules in a liquid. We use diffusion in making semiconductors. Did you know that molecules can diffuse in solids? Now watch the video!