Diffusion Dramatizations

Due Mon 12/13 (Red, Green) / Tues 12/14 (Blue, Yellow)

Diffusion happens around us every day. Think about how diffusion has affected you or someone you know. Take one of your experiences with diffusion and make a 3 or 4 panel colored comic strip about it! Below are just a few every day examples of diffusion. You may use these or choose from other experiences in your life!

Everyday Examples of Diffusion

- A balloon filled with helium will deflate a little bit every day, because helium atoms diffuse out of the balloon through its wall
- When spaghetti is cooked, water molecules diffuse into the spaghetti strings, making them thicker and more flexible.
- Carbon dioxide bubbles in soft drinks diffuse out of your soda, leaving your soda flat.
- A smelly gas distributes itself over a room by diffusion (flower fragrance, garbage stink, body odor)
- A sugar cube in a glass of water that is not stirred will dissolve slowly and the sugar molecules will distribute over the water by diffusion
- A wilted carrot or celery made firm again by soaking in water.
- The smell of cookies diffuses through the house as they bake.
- Perfume - perfume gas molecules diffuse into the air when put on so you can smell it.
- Air freshener/deodorant - same concept as above.
- Teabag diffusion - tea leaf pigments diffuse through teabag to give the water its color and taste of tea
- Cigarette smoke - it diffuses into the air and spreads throughout the room