

AMBIENT Content Questions

Molecular Movement in Water: Part 1 – Diffusion

1. What is the effect of temperature on diffusion?
 - a. lower temperature causes more diffusion
 - b. higher temperature causes more diffusion
 - c. a temperature that is neither too high nor too low causes more diffusion
 - d. temperature has no effect on diffusion.

2. What is the difference between a solvent and a solute?
 - a. Sugar (solute) is dissolved in tea (water is the solvent)
 - b. Salt (solvent) is dissolved in sea water (solute)
 - c. Honey (solvent) is dissolved in tea (water is the solute)
 - d. Hydrogen is the solute of water

3. What is diffusion?
 - a. Dilution
 - b. Spreading something out
 - c. Putting one thing in another
 - d. Increasing a substances concentration