

- S2.** Most species of fish are distressed when dissolved oxygen levels fall below 0.004 grams oxygen per liter of water. Fish may die depending on how low the dissolved oxygen levels are and for how long. Fish death in outdoor ponds is common during summer months. Why?
- S3.** According to your experimental data, when a solution consisting of a dissolved gas in a liquid is heated, the gas particles collect and bubble out of the solution since they are less soluble at higher temperatures. What should happen when a solution consisting of dissolved solid in a liquid is cooled (e.g., hot “sweet tea” is refrigerated)? Explain your reasoning.