Life Science
Water's the Matter
Measuring Oxygen

Post-Test

The amount of dissolved oxygen in water will increase by adding _____.

A. Plants

B. Heat

C. Fish

D. Bacteria

E. Dams

Fish remove dissolved oxygen from water by using their. . .

A. Lungs

B. Scales

C. Gills

D. Fins

E. Tails

When do aquatic plants contribute the most dissolved oxygen to water?

A. During the night

B. During the day

C. During periods when plants die

D. Production of oxygens by plants is uniform

E. Plants do not produce oxygen, they consume oxygen

You are standing on the banks of a large lake where dozens of different kinds of fish are floating dead on the surface. Which of the following things is most likely to have occurred?

A. Bacteria in the water infected the fish causing them to die.

B. Nitrates in the water poisoned the fish.

C. The dissolved oxygen levels dropped below 2 mg/L and the fish suffocated.

D. The fish ate algae and died from toxins produced by the algae.

E. The temperature of the lake was too low for reproduction, so the fish could not breed and died of advanced age.

Addition of fertilizer to rivers and streams often results in:

A. An increase in the amount of dissolved oxygen in the water.

B. An overgrowth of aquatic plants and algae.

C. An overgrowth of fish and other aquatic organisms.

D. A complete depletion of oxygen due to binding of oxygen by fertilizer.

E. An increase in mutations in fish.