

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Lesson 6: Splish, Splash, I was Takin' a Bath – Water Pollution Quiz

### Answers

#### Instructions

Complete questions 1-4 below and finish with a drawing of the World's Water Supply. Discuss answers as a class. Students may work individually or in groups of 2.

#### Questions

1. How much of the water on Earth is available as fresh water for drinking? (Circle the correct answer)

a. 100%

b. 50%

c. 25%

d. 1%

2. The top of an underground area where the soil and rock particles are saturated with water is called the \_\_\_\_\_. (Circle the correct answer)

a. leachate

b. water table

c. runoff

d. algal bloom

3. List 3 ways that water becomes polluted.

Possible Answers: Industrial/city waste, Landfills, Transportation, Farmland Runoff, Crude Oil, Deep Well Injection, Saltwater Infiltration, Natural, Heat, Household Hazardous Waste.

4. What do you think are effective ways to clean up polluted water? Explain your answers.

Answers may vary. Students should mention people and factories reducing pollution, better methods for disposing of trash (i.e., more advanced landfills), proper disposal of household chemicals, etc.

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### Drawing

Draw a picture representing the World's Water Supply in the space provided below. Students may use a pie chart or other visual for their drawing.

The diagram illustrates the distribution of the world's water supply. It features a globe in the top left. A large pie chart shows that 97% of water is in oceans. A smaller 3D pie chart indicates that only 3% of water is fresh. This fresh water is further divided: 70% is stored in glaciers, 29% is in aquifers, and 1% is found in lakes, rivers, and streams. A scroll titled 'The World's Water Supply' is positioned on the left, and a cross-section of the ground shows trees and water in aquifers. A landscape with a river and a dam represents the 1% of water in lakes, rivers, and streams.

Source: US Environmental Protection Agency, <http://www.epa.gov/seahome/groundwater/src/supply2.htm>