

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

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

## Student Exploration: Water Pollution

**Vocabulary:** bacterial pollution, nutrient pollution, sediment pollution, toxic pollution, water pollution

**Prior Knowledge Questions** (Do these BEFORE using the Gizmo.)

1. **Water pollution** is the addition of harmful substances to water. Some of these substances are found at home. What household chemicals might be harmful if not disposed of properly?

**Some household chemicals are bleach, oven cleaners, drain de-cloggers, and insect and weed killers.**

2. What are some other causes of water pollution? **Some causes of water pollution are human and plastic waste.**

### Gizmo Warm-up

The *Water Pollution* Gizmo will teach you about some of the main kinds of water pollution. On the TYPE tab, under **Types of pollution**, check that **Toxic** is selected. Read the paragraphs on the right and bottom of the Gizmo.

#### Types of Pollution

- Toxic
- Sediment
- Nutrient
- Bacterial

1. What is **toxic pollution**? **Toxic pollution is contaminated water, soil, and air that is harmful or poisonous.**
2. What are some examples of toxic pollutants listed in the Gizmo? **Radioactive waste, pesticides, lead, oil, and paint.**

Can you think of other examples of toxic substances, not listed in the Gizmo? **Some examples are bleach, cell phones, and electronic devices.**