



# Kindergarten Science



# Kindergarten Science: Activity 1

## Can pollution hurt lakes and the animals that live in them?

**Directions:** This handout goes with a KCS Teacher Video. If you have access to the video, watch the video before doing this activity. Read below with your child.



**Pollution:** harmful things in the air, water, or on the land



Wind and rain can move pollution from the land into the water.



The pollution makes the water very dirty and dangerous. This makes it hard for animals and plants to live.



## ***Is there a way to clean the water to help the lake and animals?***

### **Let's Clean the Water!**

Many animals and plants live in the lake and need clean water. Animals like turtles, birds, and otters need to drink clean water. Some animals eat the plants and animals that live in the water. If the water is dirty with pollution it makes it hard for the animals and plants they eat to live.

#### **You Will Need:**

- a bowl or other container
- water
- "pollution" (anything you have at home, like grass, leaves, dirt, glitter, oil)
- a spoon

1. halfway fill the bowl with water



2. add the "pollution"



3. try to clean the pollution out of the water with the spoon



### **Think About It & Talk About It**

***Discuss these questions with a family member:***

- Was it easy or hard to clean the water? Why?
- What do you think could be used to clean the water better? How would it work? Why would it be better?



Draw a picture of your  $\approx$  polluted lake  $\approx$  before you scooped with the spoon and after. You can share your picture @KCSScience.



**Before**

**After**