

Name: _____

Date: _____

Mosquito Habitat Survey

In "Meet the World's Deadliest Creature," you learned that mosquitoes, including those that can spread disease, lay eggs in standing water. Scientists want to reduce mosquito habitats in human communities.

In this activity, you'll search for places where mosquitoes could lay eggs. Then you'll plan ways to make the areas less friendly to mosquitoes.

Think: Where have you seen standing water in your schoolyard?

Materials: clipboard • paper • pencil • schoolyard or other outdoor space

Part 1: Identify problem areas

1. With your teacher, go outside with a clipboard, a piece of paper, and a pencil.
2. Look for places where mosquitoes could lay eggs. These are areas that have standing water (water that's not moving).
 - **If it has rained recently:** Look for standing water in cracks or holes in the concrete, on playground equipment, in open containers like buckets, and in litter like bags or bottles.
 - **If it hasn't rained recently:** Look for both standing water and areas where water could collect (meaning it didn't drain). Hint: Look for concave, or bowl-shaped, items or places.
3. Try to find four possible places where mosquitoes could lay eggs. Describe or sketch each one below.

1.	2.
3.	4.

Name: _____

Date: _____

Mosquito Habitat Survey (p. 2)

Part 2: Design a solution

Review the places you found where mosquitoes could lay eggs. For each one, brainstorm a solution. How could you eliminate the standing water? How could you make sure the standing water wouldn't return?

Describe or draw at least one solution in the box below.

Reflect:

1. What could your class do today to decrease the number of mosquitoes on school grounds in the future? Explain your thinking.

2. Compare your solutions with those of your classmates. How are they similar, and how are they different?

3. Were you surprised by the number of problem areas you found? Why or why not?

TAKE IT FURTHER! With your teacher's help, submit photos of the mosquito habitats and any larvae you spot to **NASA's GLOBE Mosquito Habitat Mapper App**. Scientists can use this data to track mosquitoes and develop strategies to eliminate some of their habitats.