

Ms. Erickson's Explorers
Fourth Grade
Richmond Elementary School

Bucket Buddies Project

September 2012

Question: Does water all over the world have the same organisms?

Hypothesis: Water in different states & countries may have some similar organisms, but will probably have different organisms, too.

The type of organisms will depend on:

- the climate
- the weather
- the water temperature
- the depth & size of the body of water
- the material on the bottom of the pond
- whether the water is moving or stagnant
- the quality of the water
- whether there are predators of the organism.

Experiment: We will go to the Audubon Nature Center near our school and take several water samples from several ponds in the area. We also tested the pH of the water and made observations about the plants and animals in the vicinity. We used nets, dippers, wash basins, collections jars and magnifying glasses.

Data collected: Here are the macro-invertebrates we found-

Daphnia	2	
Midge Larva	4	
Snail	1	
Black Fly Larva	1	

We believe we would have found more species if we had tested in the spring or earlier in the fall.