

Mr. Messick's 4<sup>th</sup> grade class  
 Bucket Buddies Project  
 Spring 2007







We go to school at Georgetown Elementary School in Georgetown, Delaware. You can visit our class wiki at;  
<http://mrmessick4thgrade.wikispaces.com>

We researched the locations of participating schools in this spring's project to help us develop a hypothesis. We looked at the actual locations, (latitude and longitudes), average temperatures, elevation, and average rainfall. Considering all the differences in the environments at all these locations, our class came up with the following hypothesis:

Fresh water ponds around the world contain different types of invertebrates.

Mr. Messick collected water from Collins Pond near Georgetown. We used hand lenses and our class Digital Blue computer microscope to view and photograph the invertebrates we found. The invertebrates we found in our studies included:

Dragonfly Nymphs, Amphipods {also known as scuds}, Damselfly Nymphs, Water fleas, Small Whirling Beetles, Midge Larva, Mayfly Nymphs, Brown Water scorpion, Mosquito Pupa, and Predacious Diving Beetles, Common Water Stiders. There were also some invertebrates we could not positively identify. Maybe you can help!

		
Damselfly Nymph	Small Whirling Beetle	Brown Water Scorpion
		
Water Boatman	???	???