

# **Bucket Buddies Project**

Mr. Uhouse's 2<sup>nd</sup> Grade Class

Pittsfield, New Hampshire



## **The question**

Are the organisms found in pond water the same all over the world?

## **Our hypothesis**

Our class thinks that some of the organisms we find in our pond will be the same as those found in other ponds and some will be different from those found in other ponds.

Students voted same: 5

Students voted different: 9

### Testing our hypothesis

In spring of 2014, Mr. Uhouse's class, along with the rest of the second grade embarked on a walking field trip to Whites Pond in Pittsfield, NH. While there, approximately 15 gallons of pond water were collected, observed and had pond organisms removed before being returned to the pond. Each organism found was placed in water in a separate holding bucket in which each student held. When we arrived back at the school, we put the contents of the individual buckets together and then identified, recorded and counted.

### Analyzing our data

The organisms we found are shown in the chart:

<b>Name of creature found</b>	<b>Total Number</b>
Amphipod	3
Midge Larva	0
Snail	0
Bristle Worm	0
Damselfly Nymph	10
Caddisfly Nymph	0
Water Flea	7
Mayfly Nymph	10
Mosquito Larva	0
Tadpole	1
Unknown Organism	8

## **Making conclusions**

When we looked at the other results we found that the organisms in other ponds had both the same and different organisms that we found in Whites Pond. We also noticed that the number of organisms found was greater than the number of organisms that we found.