



Emanuel Lutheran School
New London, WI

We have a class of 24 students (11 in 4th grade and 13 in 5th grade). We worked in groups of 2 or 3. Parents brought in buckets of dirty, smelly pond water, which is just what the teacher wanted. Each group made their own hypothesis and wrote their own prediction.

1. Hypothesis:

- a. Will macroinvertebrates be the same in pond water all over North America?
 - i. Each group said, "No."

2. Prediction:

- a. Examples of our predictions...
 - i. We think that they won't be the same all over North America, because macroinvertebrates might have adaptations for warmer or cooler water.
 - ii. We think macroinvertebrates will not be all over the world because we all have different pond water.
 - iii. They won't be the same because the climate is different all over the US.

3. Investigation

- a. We spent an hour finding macroinvertebrates.
- b. We made drawings in our science lab books.
- c. List of macroinvertebrates we found:

- Snails
- Cadisfly larva
- Hellgrammites
- Water fleas
- Damselfly Nymphs
- Mosquito Larva
- Bristleworms
- Mayfly Nymphs
- Scuds
- Unknown egg sacks
- Midge Larva

