Mrs. Gonzalez’s 2B class visited the Chesapeake Bay National Estuarine Research Reserve in VA at VIMS on April 22, 2011 for a field trip! Students arrived on campus, and were immediately taken outside to investigate shallow water habitats in order to beat the incoming tide and rain. Students used seine nets and dip nets to sample for plants and animals in the York River.

Shallow Water Species List

Pipefish
American Eel
Blue Crab
Hermit Crab
Silverside
Atlantic Silverside
Jellyfish
Mud Snail
Sand Shrimp
Grass Shrimp
Summer Flounder
Red Beard Sponge
Sea Lettuce
Tapered Red Weed
Tonguefish
Spot
Bay Anchovy
Sea Squirt
Comb Jelly
Ribbed Mussel
Green Bead Tunicate
Eelgrass
Amphipod
Isopod
Mud Crab

For more information about our education programs, go to www.vims.edu/cbnerr
What did we catch?

Going over species caught

Some of our catch

Seining
After spending time in the river, students spent the rest of the morning in the lab keying out different species of plants and animals that live in the oyster reef habitat cage that was brought up from the water. Students used microscopes and dichotomous keys before drawing and labeling species in their science notebooks.

**Oyster Reef Species List**

- Oyster
- Amphipod
- Polychaete Worm
- Barnacle
- Mud Crab
- Red Beard Sponge
- Sea Lettuce
- Sea Squirt
- Tube Worm

---

**Salinity** – 15 ppt  
**Dissolved Oxygen** – 14.5 mg/L  
**Temperature** – 15.2°Celsius (less than 60°F - chilly!)  
**pH** – 8.1