



St. John Regional  
Catholic School



**STEM** Science, Technology,  
Engineering, Mathematics

North Bay  
March 2013



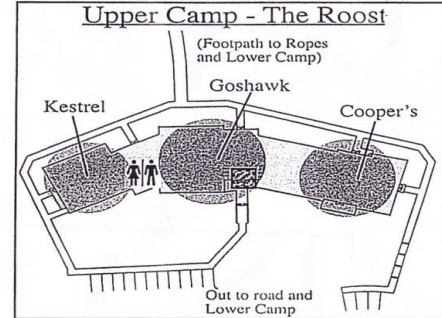
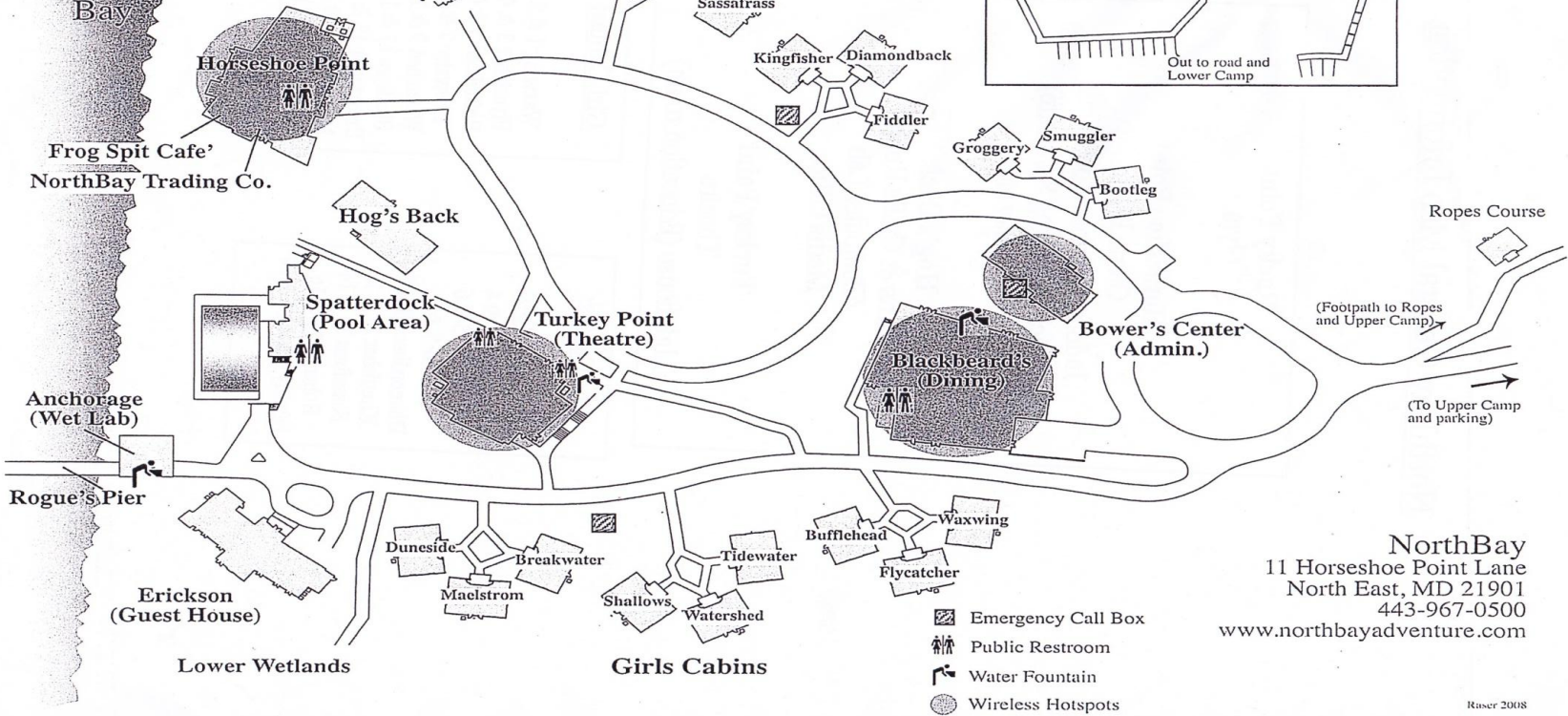


NorthBay

Chesapeake Bay



Upper Wetlands



NorthBay  
 11 Horseshoe Point Lane  
 North East, MD 21901  
 443-967-0500  
[www.northbayadventure.com](http://www.northbayadventure.com)

Ruser 2008

# North Bay Map





## Talking Bones Presentation



Vertebrates/Invertebrates, Prey/Predator, and Carnivore,  
Herbivore, and Omnivore.



## Education Room >>

Tuesday – Invasive Species/Filters





# Photosynthesis, Degraded Condition, and Value

Issue-Research-Study-Design







## TREES: Exercise 1



Arianna and Elizabeth—sediment running and trees being planted to prevent erosion.





To What Extent are Trees Valued at North Bay? >>





## Supplies needed >>

B-10, Measuring Tape, Data Book, and a Pencil.





## Data Collection



Tree Type, Height, Diameter, B-10, Form Class, Merchant Length, Volume Index,  
Board per feet, Price per board.





B-10 Stick >>



# Recyclable Products



Foil

Serving Spoon

Trays

Yogurts

Food Boxes

Bowls

Platters

Other Items

Where does everything go? >>

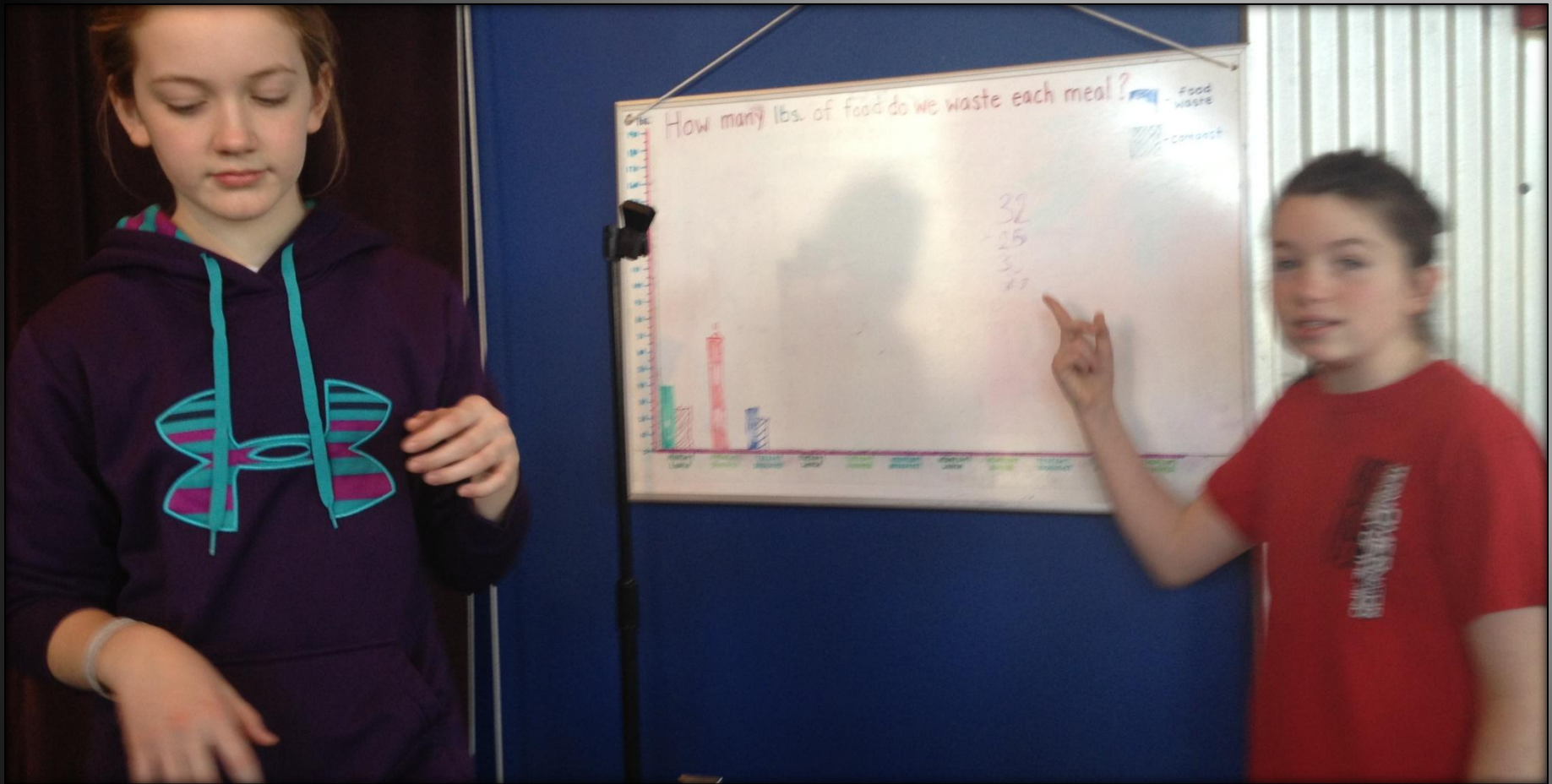




## Wasted food during lunch at North Bay >>>

One of three tables full of wasted food from lunch at North Bay.





Guess how many pounds of food was wasted? >>

89lbs, in case you forgot.





## Composting >>

Interesting fact—you cannot compost salad, if it has dressing on it.





Mimi and Elizabeth >>





Even the teachers >>

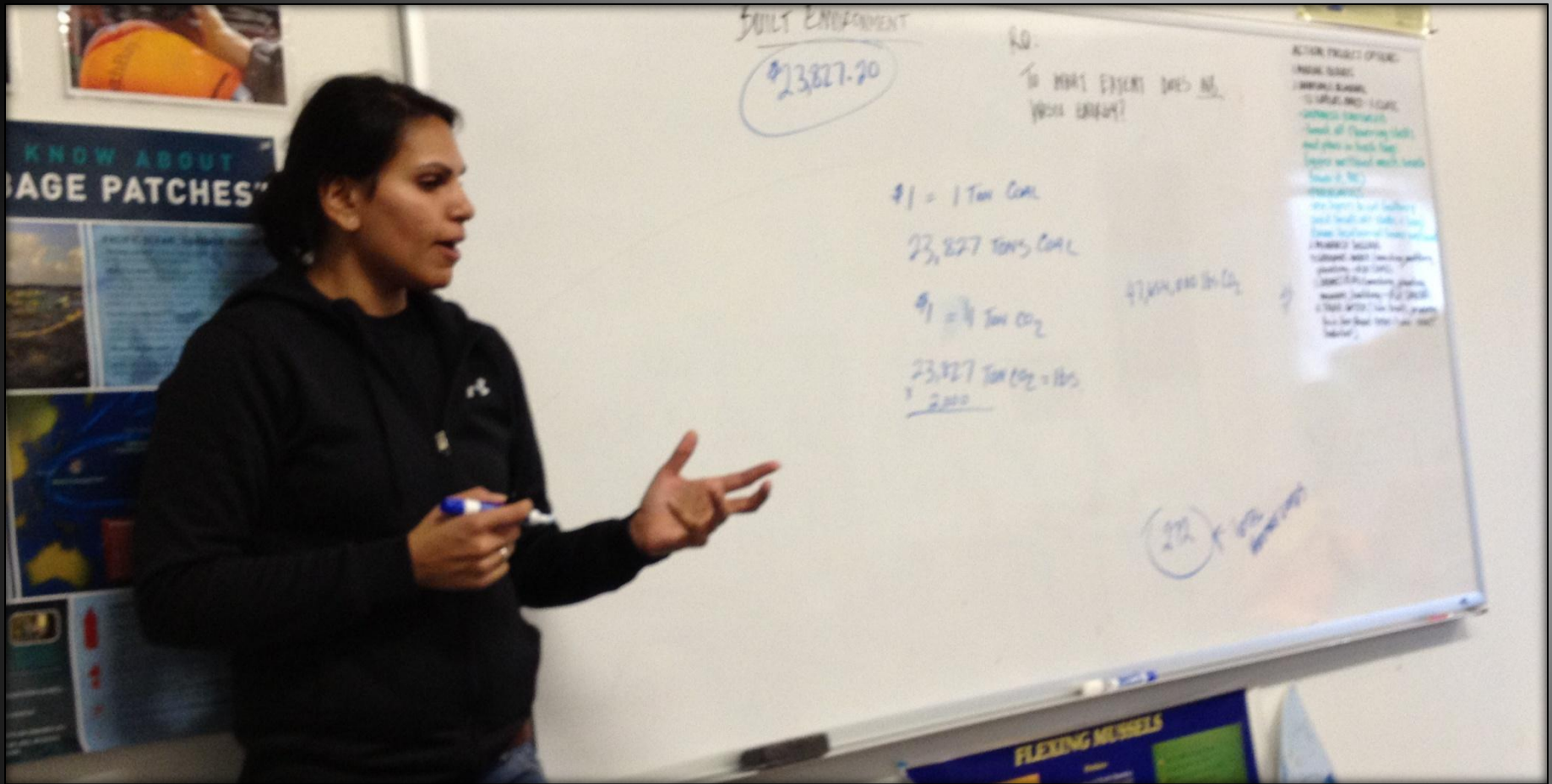
Ms. Traube, Ms. Printz, and Mrs. Roskowsinski were adventurous.





Vampire Loads >>

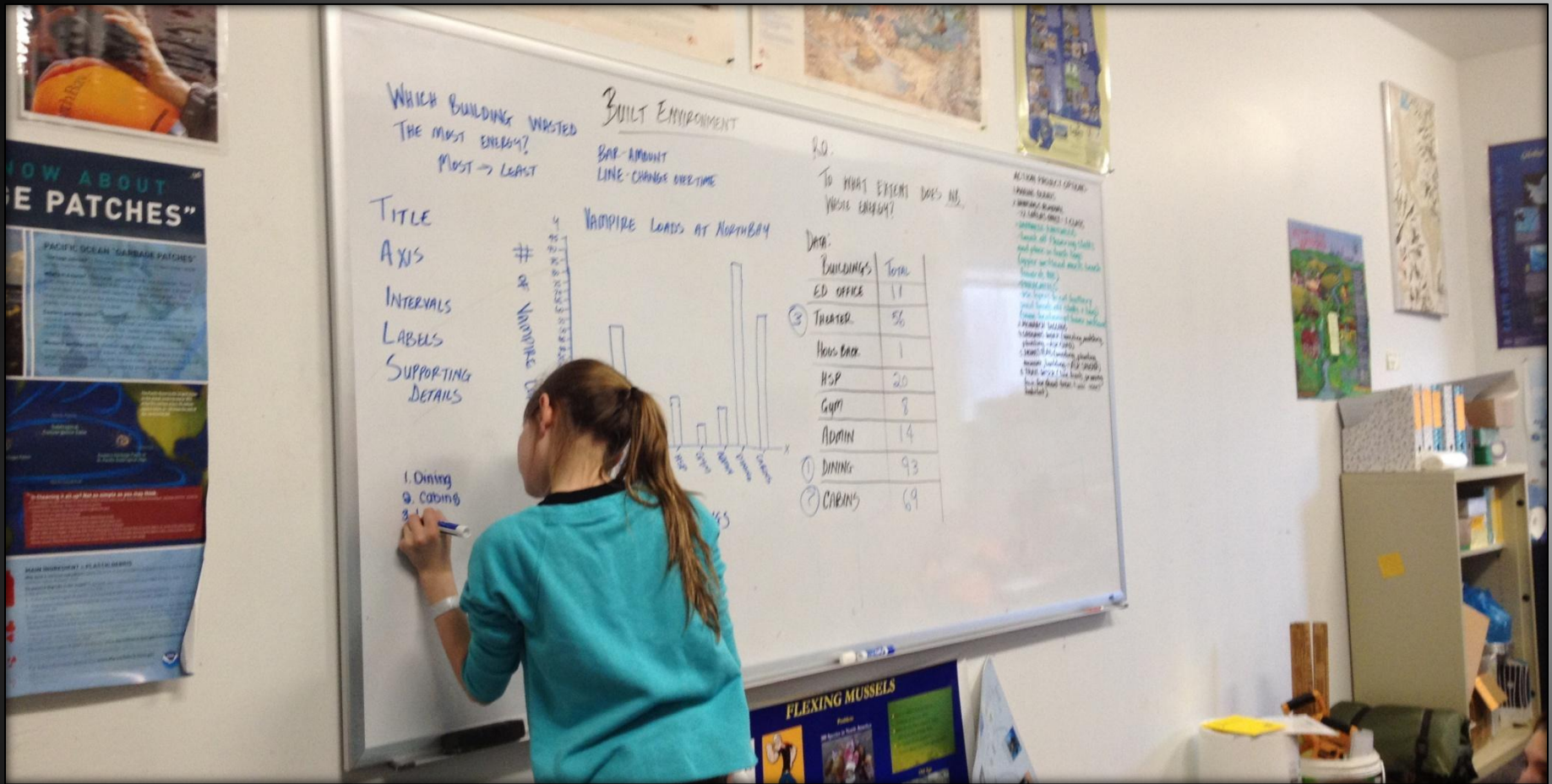




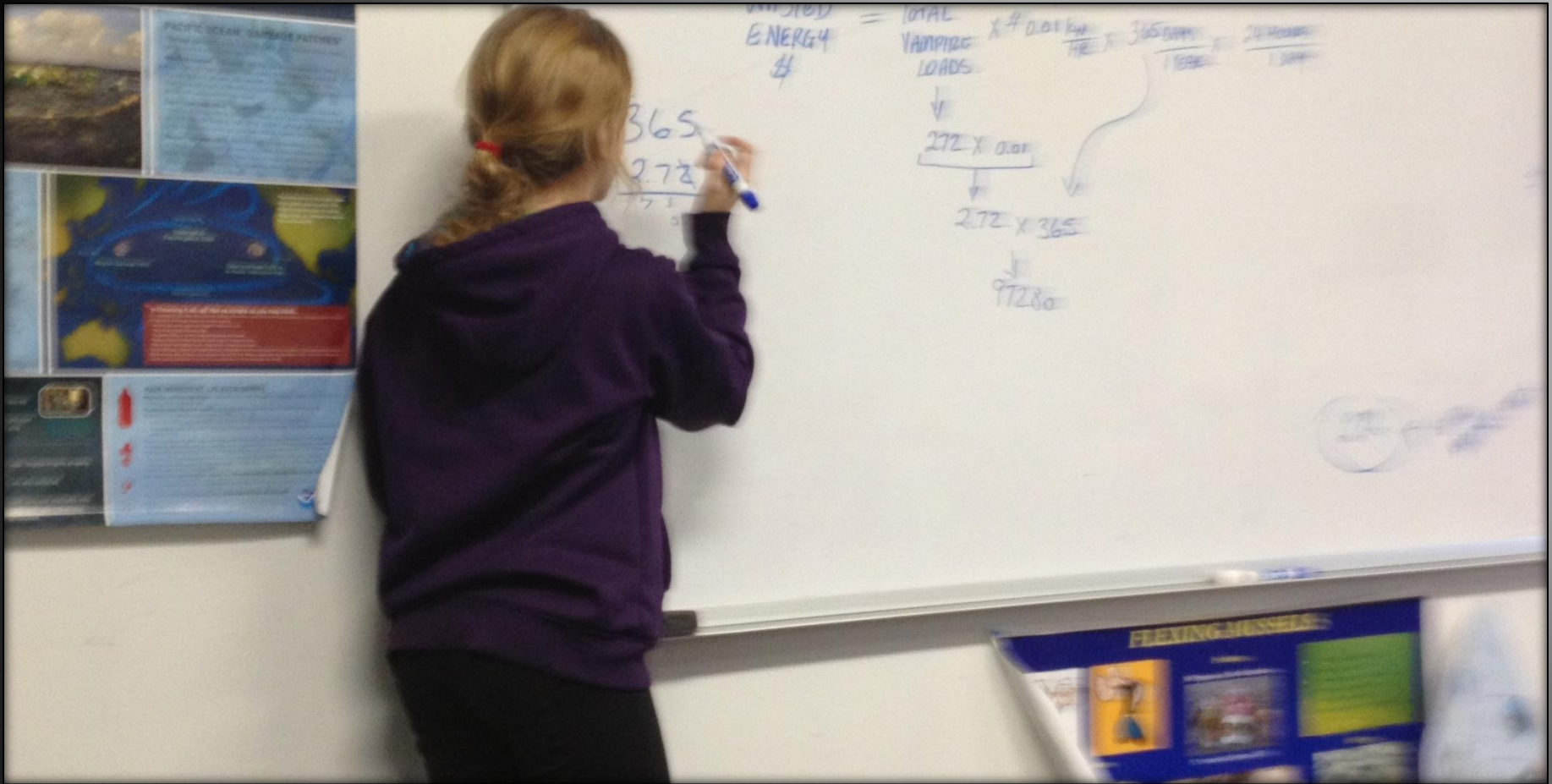
## Total Wasted Energy >>

Total Wasted Energy \$ = Total Loads x kilowatts/per hour x 365 days per year x 24 hours per day









\$992.80 >>



# Data Collection and Research







Wetlands >>





Wetlands >>





Forest >>





Green Stink Bug–Invasive Species >>





Amber keeps track of trash >>>  
collected on the beach.





Making a Difference >>





# Action

Amount of liter collected on the beach-141 pieces.





Afternoon Activity–Ropes >>





What actions will you take to make a difference in your home, your school, your community and your world?







How can we help? >>





## Goodbye North Bay >>

How will you choose to remember what you learned at North Bay?