

# Sustainability Workshop

## School Sharing

S.W. King Intermediate School  
February 20, 2010

# Sustainability Workshop

## School Sharing

- Introduction
- Goals
  - Rationale
  - Initial concept/project plans
- Reality
  - Lesson development
  - Impacts over the last year
    - Differentiated instruction
    - NETS-S
- Way Ahead

# He'eia Watershed Project

Topic	Activities	Standards
What are watersheds? How do they form?	-Examine topographic maps, trace watershed boundaries -Hypothesize development and test models	Standard 2, Benchmark 2  Standard 7, Benchmark 1
Erosion and Climate	Turbidity testing Monitoring of stream flow	Standard 8, Benchmark 4
Land use and pollution	Monitoring of water quality in various spots along the stream and compare results to surrounding land uses	Standard 2, Benchmark 1

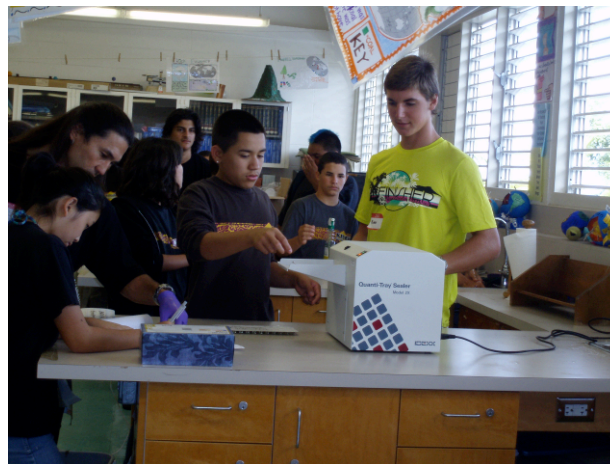
# Water Quality Studies

Environmental Health: An investigation of E. coli

Data collection included:

- Temperature
- Humidity
- Wind speed
- GPS location

Debrief on coliform count as an indicator of environmental health

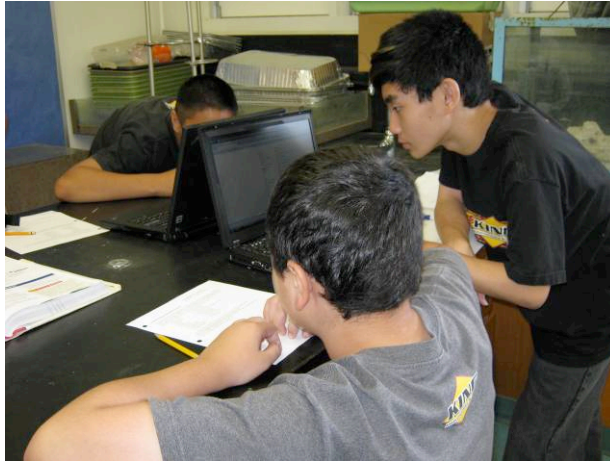


# Water Quality Studies

Water quality studies

Skills:

- Using online sources
- Hypothesizing
- Predicting
- Observing
- Recording & analyzing data
- Discussing results, making conclusions
- Reporting results



# Reality and Way Ahead

## Benefits

- Technology skills and implementation of NETS-S
- Technology provides tools to differentiate instruction
- Relevance and building understanding

## Way Ahead

- Improve reading comprehension, writing, and student reflection
- Use of Microsoft office tools
- Field-based research & Collaborative online projects



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# Questions?