



## **MEEP Quarterly Report**

**April 1, 2011 – June 30, 2011**

### **Introduction**

This quarter, MEEP staff saw a total of 3,812 students and 217 teachers. This quarter's most popular presentations were Electricity & the Environment, KidWind, and My Light.

### **Presentations**

#### **Energy & the Environment**

- Electricity & the Environment - 59 presentations in 25 schools to 1,283 students (Palmer Putnam, Apple Battery, Mini Wind Turbine and PV Fan. Extension: Energy Icebreaker.)
- Workshop – 5 workshops to 240 students (Icebreaker, Debate, E&E, Jeopardy.)
- KidWind - 29 presentations in 15 schools to 518 students (students build their own wind turbine blades. This is usually done in conjunction with the Mini Wind Turbine activity.)
- My Light - 21 presentations in 11 schools to 373 students (reading of My Light by Molly Bang, Mini Wind Turbine, PV Fan.)

#### **Climate Change**

- Climate Change 101 – 6 presentations to 116 students in 3 schools (soda bottle experiment, CO<sub>2</sub> Tag Game or CO<sub>2</sub> Board Game, testing human breath and car exhaust for CO<sub>2</sub>.)
- Climate Change 301 – 5 presentations to 103 students in 2 schools (HOBO Energy Experiment, PowerPoint, Carbon Footprint. Extension: Carbon Footprint Journaling.)

#### **Green Schools**

- Energy Patrol – 1 patrol started with 45 students (Electric Meter, Light Meter, Electric Nameplate, Kill-A-Watt, Energy Patrol Skit.)
- School Energy Efficiency Investigation - 1 skills trainings with 23 students (Kill-A-Watt, Light Meter, IR Thermometer, HOBO.)
- Kill A Watt Challenge – 2 skills sessions with 45 students (students learn how to use Kill A Watt meters and then take them home to study appliance loads and lower electricity consumption.)

#### **Transportation & the Environment**

- Alternative Fuels – 8 presentations to 154 students in 3 schools (NOVA Video, Fuel Cell Cars, PowerPoint, Jeopardy.)

- Junior Solar Sprint – 1 mentor workshop with 5 teachers, 8 qualifying races with 545 students, and State Finals with 140 students.

### **Outreach Efforts**

- April 9<sup>th</sup>: Science Olympiad (Angela & Mike)
- April 30<sup>th</sup>: State Science Fair (Mike)
- May 17<sup>th</sup>: Student Conservation Fair (Angela & Mike)
- May 20<sup>th</sup>: Southern Maine Children's Water Festival (Mike)

### **Financial Report**

Federal Dollars Spent:        \$0

Non-Federal Dollars Spent: \$55,334.67