

Energy Content and Resources 15

Score:

Student Leadership (0-15 points)

The panel will review your activities to determine the extent to which the students took ownership and demonstrated leadership in the activities. Depending on the grade level and independence of learners, students will:

- determine goal(s)
- manage activities
- document progress
- create Youth Awards Project submission

Student Leadership Score: 3

Community Education and Involvement (0-15 points)

Did the students work with other community groups or undertake a community service project? The panel will look for evidence of:

- level of interaction with the community
- shared energy content or knowledge

Community Education and 4

Involvement Score:

Evaluation Methods (0-5 points)

Did your activities meet your project goals? What evidence is present to show goals were met?

Evaluation Methods Score: 1

Documentation (0-10 points)

Tell us what you learned and what you have accomplished. Use the PowerPoint format to demonstrate your observations, results, and successes.

Documentation Score: 7

Total Score: 44

Special Recognition (optional):

Comments for Coordinators
(optional):

Comments for the Project Team
(optional):

Some Student Activities

Light Bulb vs Heat Bulb

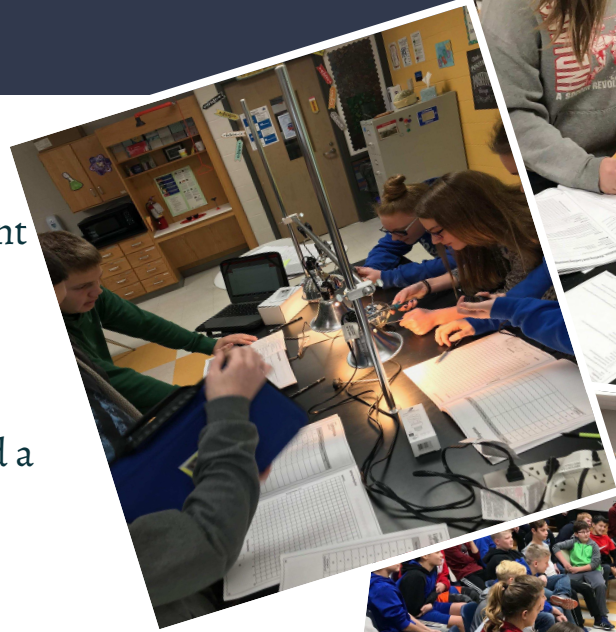
Students compared the heat given off from different types of light bulbs

Energy Bike

A representative from Hancock-Wood Electric used a bike to help students see how much energy was required to power various types of light bulbs.

Insulation Lab

Students used different materials to determine which one kept the water the warmest



What Students Learned

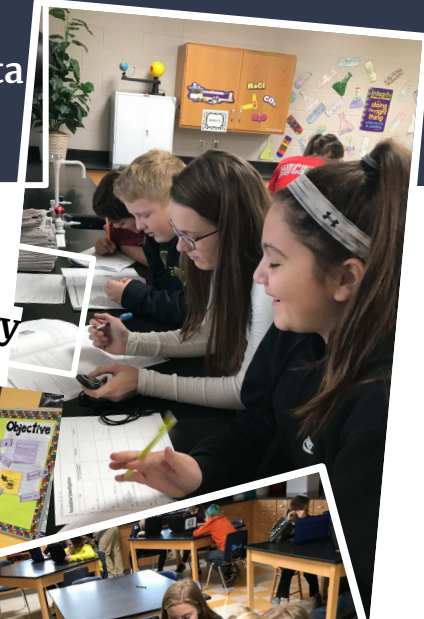
- How different light bulbs use energy differently.
- The importance of proper insulation.
- How to efficiently heat a home.
- The importance of conserving energy and difference between renewable and nonrenewable energy sources.
- How much energy is used on water heating and ways to reduce that cost.
- How much energy is consumed by the various appliances they use.

Students recorded data in Energy books.

Students powered light bulbs by riding the energy bike.



Students learned energy saving tips playing Energy Hog games.



Our Team



Kameron, Josh,
Havanna, Rachel,
Jakob, Elliot, Micah,
Colin, Kade, Maggie