

Dr. John Hole Elementary Energy Efficiency Education Elizabeth Rover



My goal for the this project was to educate the students about the resources of the earth and how we use them. I used the E3 curriculum to instruct my students. We were able to complete Lessons 1 - 4.1 together before the schools in Ohio were closed. We finished the rest of our lessons virtually.

Lessons 1 and 2

Lesson 1

Students learned about energy sources and forms of energy. This tied into our unit on matter and states of matter.

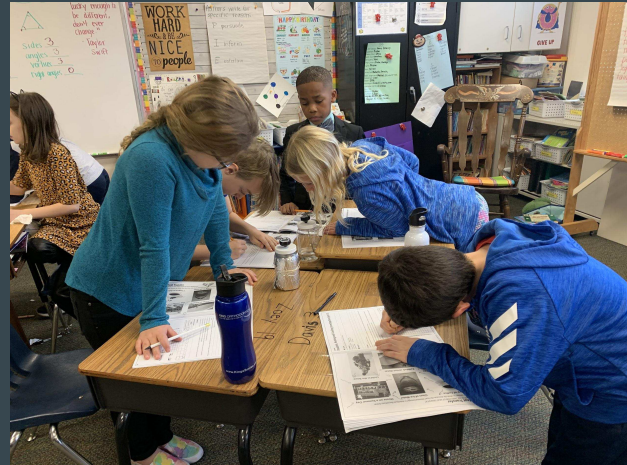
Students were very interested in learning about how many energy bucks they used each day with lesson 1C.

Insulation Results

Insulation Material	Uninsulated Difference	Insulated Difference
Paper Towels	3.6	2.0
	5.1	2.9
Plastic Bags	19.6	19.5
Sock	26.1	24.1
Foam		
Aluminum Foil		

Lesson 2

Students really enjoyed the lighting experiment and learning about the different types of lightbulbs.



Lessons 3 and 4

Lesson 3

We found the water heater in our school boiler room and discussed how it was similar to our water heaters at home. We then tested the water in our school bathrooms and teachers' lounge. We noticed that our school water heater was set correctly.

Lesson 4

The students really enjoyed investigating insulators and conductors with the experiment in Lesson 4.



