



Ockerman Middle School Energy Club

Learning, Sharing, and Having Fun with Energy

Club sponsor: Jennifer Davis

Summary

Last year we did a lot of fun Energy labs, but this year we wanted to share what we learned with other people. We went to some of our district's elementary schools to teach the 4th graders about Energy transformations using the NEED Science of Energy stations and a Cool Coal Story. We also got to share with our school community and families at the Evening with the Arts school event.

We also learned more about energy by doing the

NEED Energy Efficient Gingerbread House activity.

Lastly, We got invited to join the Cooper high school environmental club to tour the Duke energy environmental club to tour the Duke energy

Solar farm in Walton, KY.



Goals

Goal #1: to teach our community about energy. We did this through the evening with the arts outreach event.

Goal #2: to teach younger students about energy. We did this by visiting the elementary schools in our district. We also made a video of the science of energy stations for the schools that we could not go to.

Goal #3: to learn more about energy. We did this through the solar farm visit and the energy efficient gingerbread house activity.

Evening of the Arts

At the evening of the arts, we set up items from the science of energy stations for the parents, Ockerman, students, and siblings to learn about energy.

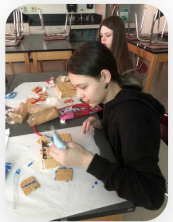
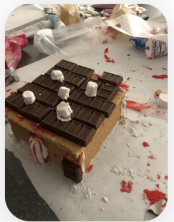
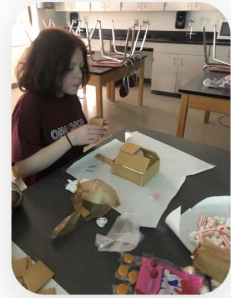
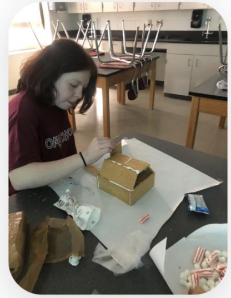


Elementary School visits

When we visited the elementary's we did the Science of Energy stations. We did different activities to show them the different types of energy, like showing how if you drop a ball then it will never go back to where it was dropped.



Energy Efficient Gingerbread Houses



Duke Energy Solar Farm

Walton, KY



Science of Energy Video: <https://youtu.be/Qk2Tdaqu> PM

