

Central Intermediate School 5th Grade NEED Project

*Our goal this year is to conserve energy
around our community.*



Teacher Advisor:
Mrs. Valsoint

Discovering Where Energy Can Be Conserved

Our Energy Team went around a few classrooms to discover where energy was escaping. We also used a thermometer to check the temperature in the hallways and classrooms. We went to the large hallway where sunlight was flooding through the windows and the lights didn't need to be on.



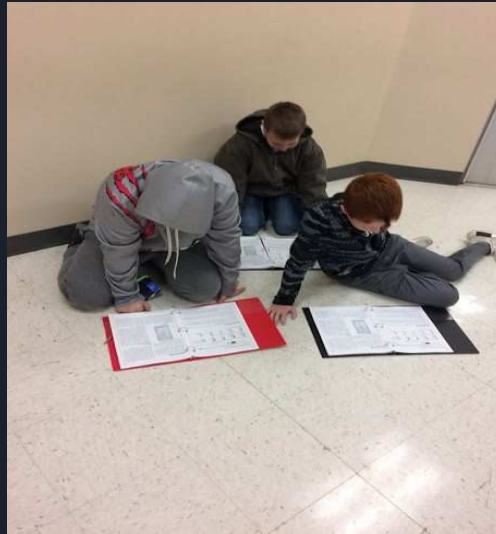
Conserving Energy

We are learning about conserving energy. We hope to have fun. We are at the table in the work room. Mrs. Valsaint made us info energy books to read and complete activities in.



We love reading about how to conserve energy.

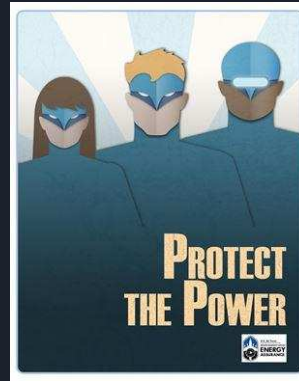
These books are teaching us so much about energy!



We always like to find ways to conserve energy around our school.



We learned more about energy by using the Legends of Learning website.



We like to read about energy. We also find new ways to conserve energy around our school everyday.

Here we are learning how to prevent energy from leaking out of our school.



We
Are
At
The
Dam!



We are at the Pensacola Dam,
we learned how the water creates
electricity. We also learned how
the dam cleans the water.

Here we are walking on the dam.
From the top of the dam the water is
150 feet deep! The dam is 1 mile long.



HERE WE ARE WITH THE TOUR GUIDE AT THE PENSACOLA DAM WHERE HE IS TEACHING US EVERYTHING ABOUT THE DAM. THE PENSACOLA DAM WAS A GREAT EXPERIENCE OF BEING ABLE TO CHANGE AN EVERY DAY RESOURCE AND TURN IT INTO SOMETHING THAT CAN FUEL THE WORLD.



*We are in Langley,
Oklahoma at the
Pensacola Dam
learning about
hydro-electricity.
The dam was built in
1938. We're having
so much fun!*

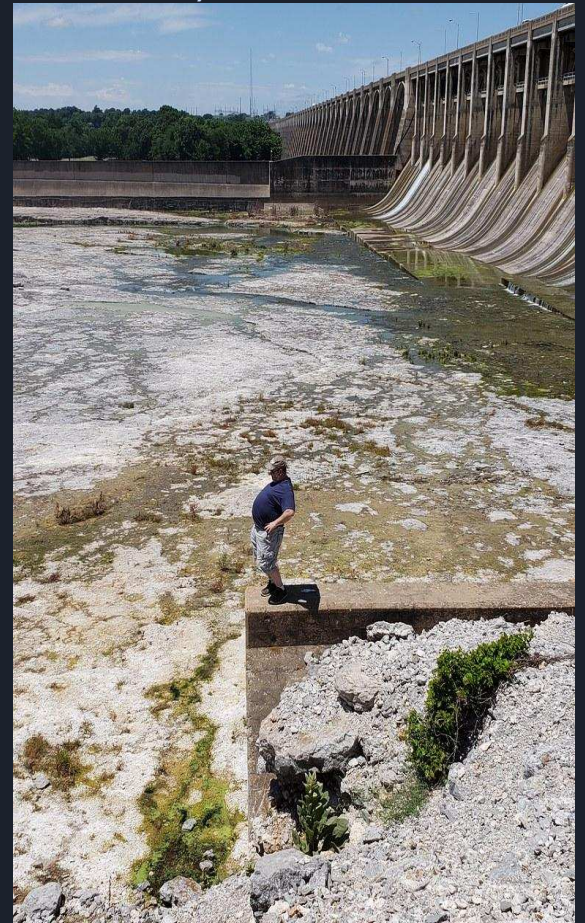




These tubes are what the water flows through to get to the other side. They are so big you can fit a school bus through them.



Our tour guide taught us so much about the Pensacola Dam and how the six generators and flowing water create electricity that we use in our homes today!





We researched wind energy , this helped us to see how wind creates energy. We learned that you can find out the speed of wind by making anemometers. We made are own anemometers. Then we put it in front of a fan to see how many times it went around in 10 seconds. It took several tries for some of us to get our anemometers to work, but when we did the fastest speed was around 17 miles per hour.

Here we are making our anemometer.



This is where we put our anemometers in front of the fan to see how fast ours will go.

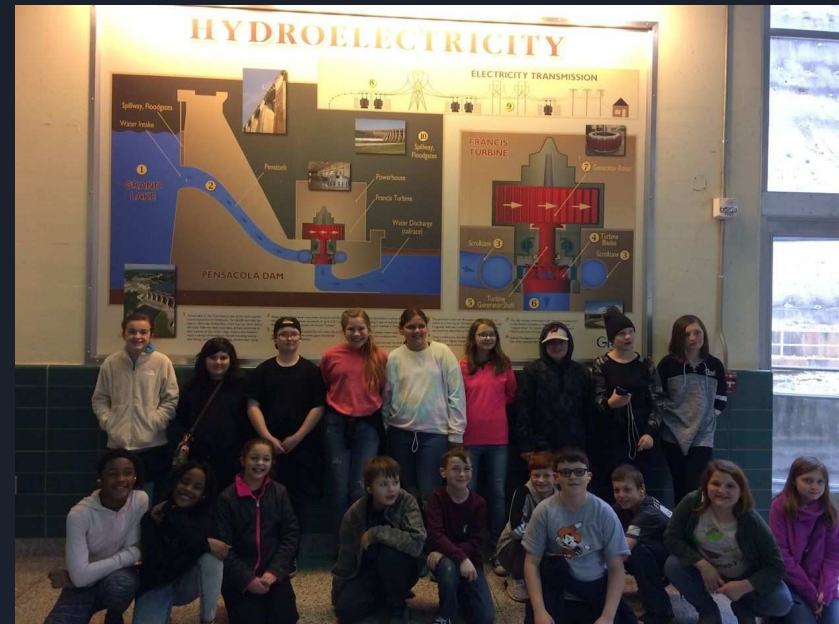




This is so much fun!

Here we are learning about wind energy. We are building a windmill with homemade blades.

We had so much fun learning about different types of energy, and how to reduce the amount that goes to waste.



We learned in more than one way, too! Whether we watched cool videos, or went to the Pensacola Dam, it was always fun and interesting.