

Kelly Elementary School

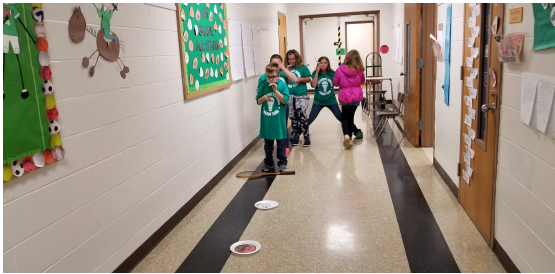
Duke Energy Team

Julie Maddox

Investigate all forms of energy, including forms of potential and kinetic energy, as well as how primary forms of energy are changed into the secondary form of electricity through the use of turbines. We also learned about renewable and nonrenewable energy sources. Students also investigated how to conserve energy, to prevent usage of further energy resources, to make electricity as well to advocate conservation of all of our energy uses for future generations and to achieve cost effectiveness.

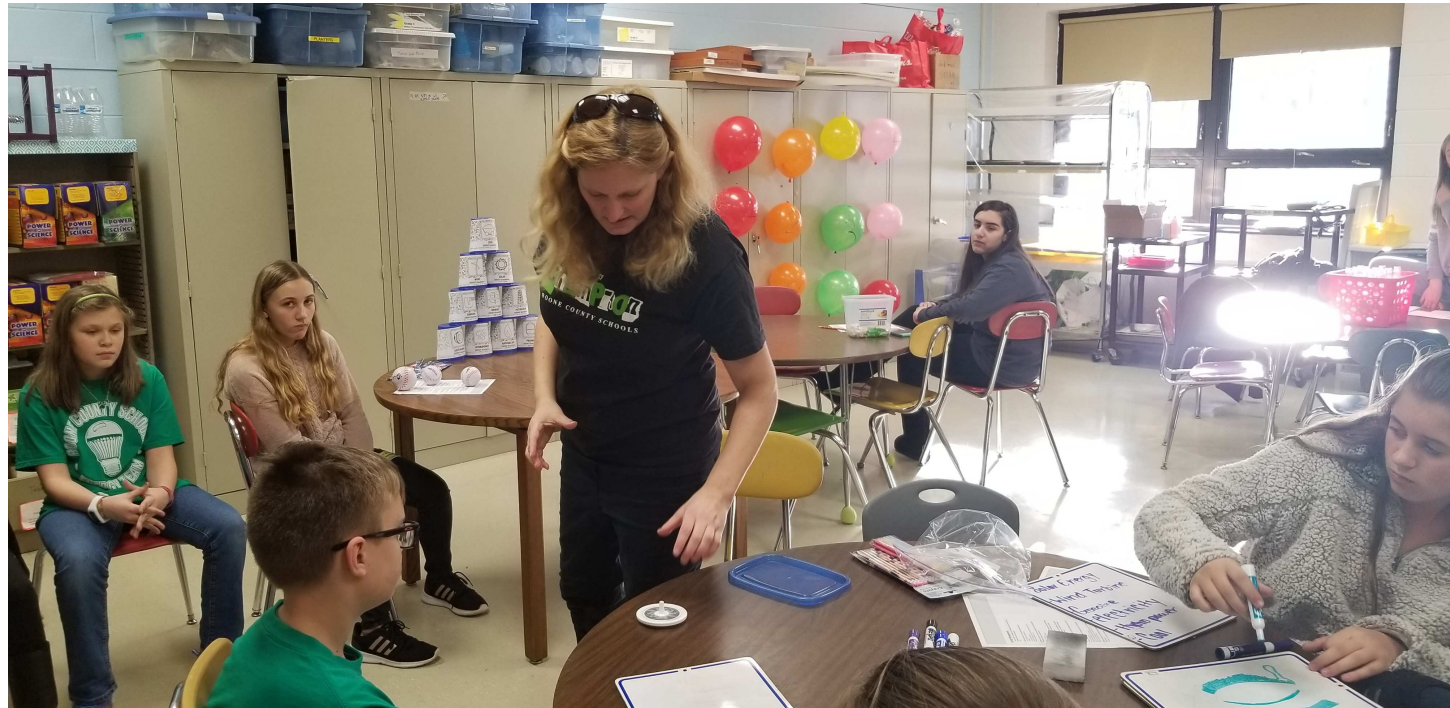
Goal #1 investigate potential and kinetic energy through various motion and force activities.

Students investigated potential and kinetic energy through cars and ramps. They also made straw rockets, geyser cars with mentos and coke as well as build roller coaster ramps.



Goal #2 To study renewable and nonrenewable energy sources

We studied how electricity is made from renewable and nonrenewable energy sources by "playing" with hand generators, toy wind turbines, and toys run on solar energy. Students saw how a turbine works through the "story of coal" NEED activity. Ockerman Middle school's students also performed the science of energy activities with both 4th grades and the Energy Carnival with our energy team.



Goal#3 Recycling/Reduction of electrical usage

Students promote recycling and conservation of electricity. They report energy usage as compared to last year on morning news and give tips on how to reduce our electrical usage at school as well as recycle all paper and plastic bottles every week.

