

Short Line School Engineer Energy Kids

Out and About Teaching Others!

The Junior High group of the Engineer Energy Kids had a shortened year because of the Covid-19 pandemic. We had several community events planned that were cancelled but we would like to share what we did get to finish.

We always enjoy getting out in the public to teach them about energy. This year we were part of the Cub Scout Regional Pine Wood Derby, our Quarter Auction Fundraiser and the Festival of Trees Fundraiser.



Advisor: Leslie Lively

Goal: Present what we have learned to the community that is always supporting us. With the Covid-19 Pandemic we had a short year and didn't get to do many community events however, we did get to present at two Cub Scout Pine Wood Derby's, our Festival of Trees Fundraiser and our Quarter Auction.

Activities: We worked with kids and community members of the Science of Energy Kit as well as the Wind Turbine. Participants were able to learn all about the different types of energy as they explored the different stations.

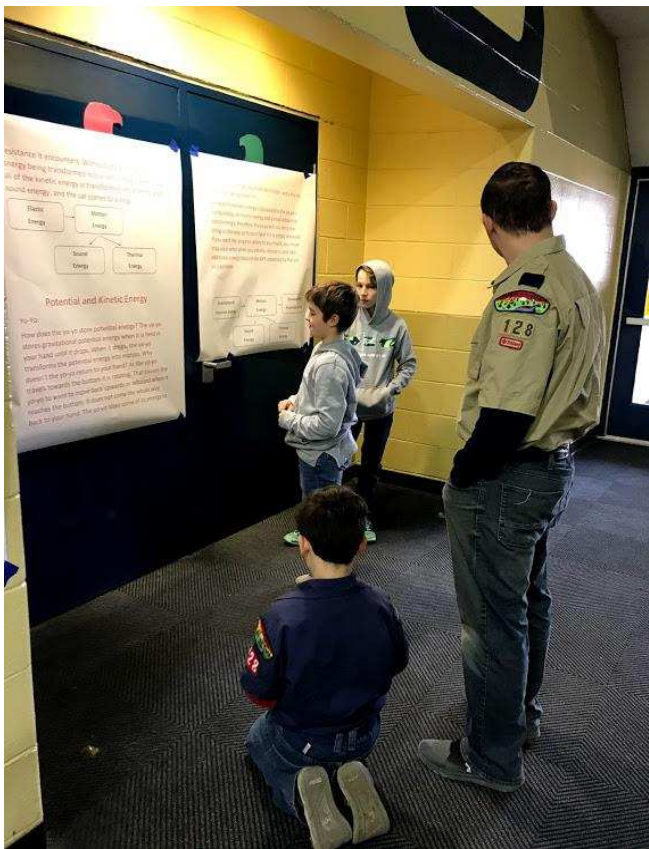
Resources: NEED Project Science of Energy, Wind Turbine, Cub Scouts

Leadership: Students helped lead the activities and answer any questions from participants. Students helped organize the event and set up the different areas to prepare for families to come in. Students also helped advertise the event.

Evaluation: We evaluated ourselves by the number of Energy Bucks we handed out for correct answers. It is also a good sign when you have a lot of people come to see what you are presenting. People in our area know the work we do and are always interested in what we are teaching.

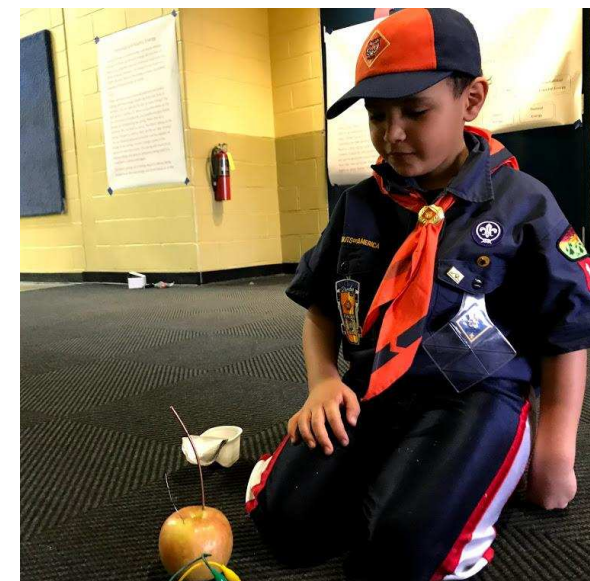
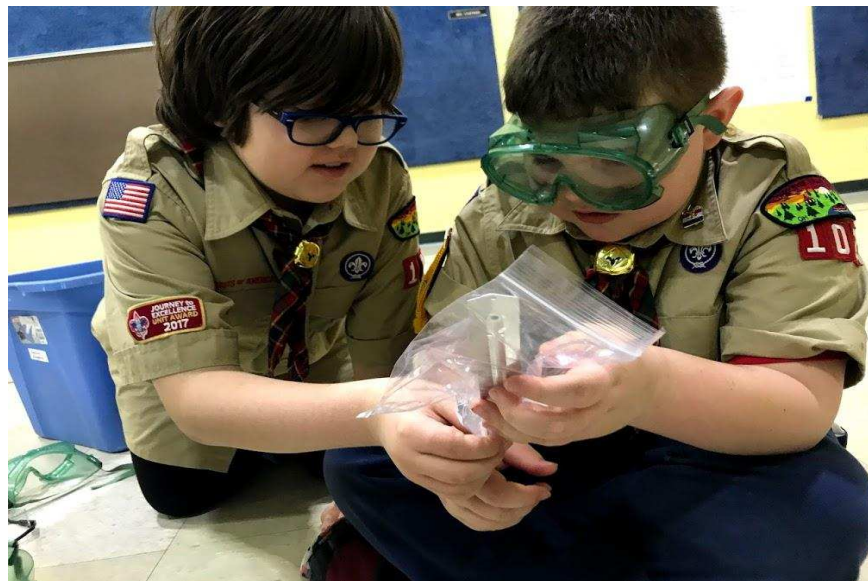
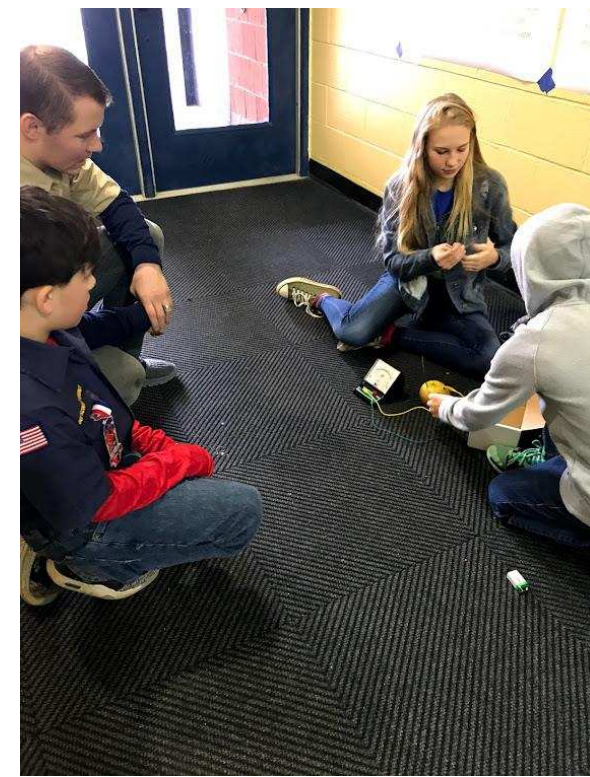
At the Festival of Trees Quarter Auction, the Short Line School Engineer Energy Kids presented different sources of energy activities to the community. Some of the activities included: wind turbines, how fruit/vegetables can produce electricity, and circuit building. We also answered any questions they had about the presentations or about energy.





While at the
pinewood derbies,
we had the
opportunity to
educate children of
all ages on the
importance of
energy.

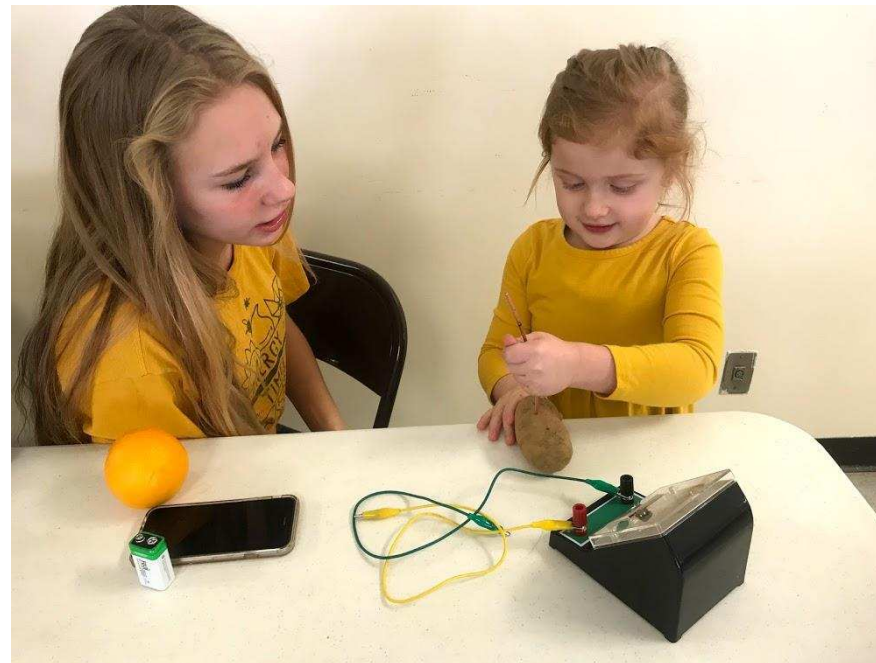




Here are some pictures of the activities we demonstrated at the Cub Scouts Pinewood Derby and the West Virginia Regional Pinewood Derby. All the participants got a closeup view of what the NEED Project is all about.



At the Short Line School Engineer Energy Kids Quarter Auction, the most popular station we had on display was the fruit/vegetable energy station.



At this station, the community discovered that the bigger the piece of metal and the deeper the metal is inserted into the food, the higher the reading on the multimeter.