A. K. Suter Elementary
Mrs. Bouillion
Second Grade NEED Project

Our goal this year was to help educate both our school and community about the importance of energy and recycling.
Goal 1: To increase student awareness of alternative energy sources.

Energy Content Activities
1. We made and sold solar beads to the school.
2. We performed a skit on alternate energy sources.
3. We made wind turbines with our 4th grade buddies.

Student Leadership
1. Students were in charge of selling solar beads at school Fish Fry.
2. Students created energy coloring books for other second grade classes.
3. Students provided posters and energy messages on school TV.

Resources
1. Primary Energy Stories
2. Primary Energy Flipbook
3. Energy Coloring Book

Evaluation:
1. Teacher monitoring of solar bead production and sales
2. Student interest and participation
Our energy team ordered, advertised, threaded, and sold solar beads at school. They were a big hit!
Our class performed an **ENERGY** skit to show what we have learned about different types of energy. We then passed out **NEED** energy coloring books to each class after we did our skit.

To see our presentation, click on the picture above and then the play arrow. You’re going to like this!
Goal #2: Second grade students will learn about energy sources from third and fourth grade students.

**Energy Content Activities**
1. We asked our fourth grade buddies to talk to us about wind energy.
2. Second, third, and fourth grade Energy Team conducted a milk carton collection.
3. Fourth graders spoke to us and demonstrated circuits.
4. We held a Suter Energy Night for second grade students.

**Student Leadership**
1. Fourth graders helped us make wind turbines.
2. The Energy team collected, cleaned, and counted nearly 200 milk cartons! We passed them out to interested teachers.
3. We made human circuits in our classroom.
4. Third and fourth graders managed the activities.

**Resources**
1. Michael Recycle by Ellie Bethel
2. NEED Energy From the Sun booklet
3. Florida Interactive Science Book

**Evaluation**
1. Teacher input
2. Student participation
We had fun learning about wind energy and making wind turbines with the fourth grade Energy Team members!
Milk carton collections

Milk cartons... saved AND recycled!

We recycled milk cartons from the cafeteria for a week. We collected over 200!

We then offered them to all grade levels to use to plant seeds for their Mothers’ Day gifts!
A. K. Suter Energy Fair!!!!
Parents, children, teachers, and principals enjoyed learning about energy!
Our mentor, Mrs. Pate, helping out.

solar oven instruction
Electricity

- We learned about electricity and circuits from our fourth grade partners. We even made a chick peep!
Goal #3: To increase community awareness of energy conservation

Energy Content Activities
1. We made delivered grocery bags to our brand new neighborhood Publix.
2. Our class sponsored the “Turn it off Tuesday” at A.K. Suter.

Student Leadership
1. We brainstormed with third and fourth graders to come up with ideas for bags.
2. We made and delivered the bags to Publix.
3. The students made posters for “Turn it off Tuesday”.
4. The students shared their posters on our WAKS news program, explaining what students could do to participate.

Resources
1. Reading Wonders book: Protecting the Earth
2. NEED activities
3. Energy Resources from kidsenergyzone.com

Evaluation
1. Student work products
2. Performance on WAKS news
Making a plan...

Rough drafts...

Publix employees loved our designs!
Turn It Off Tuesday!

Our signs for the WAKS news. Turn it off Tuesday!

Save energy and turn off electronics!
We have enjoyed both learning and teaching others about the NEED project and the importance of conserving our Earth’s resources!
A.K. Suter’s Second Grade Energy Team