

Renewable Energy for the Win!

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Project Summary

This year we had returning students to our Afterschool Earthsavers club. We wanted to help them learn everything we had learned in the previous year about renewable and non renewable forms of energy, while we strengthened our own knowledge.

The returning students wanted to come up with a better way to teach the other students and our school community about what we had learned. We decided to create visual projects and physical models to help engage our audience. We also adapted the games from the Energy Carnival to specifically challenge our audience to see if they remembered what we had taught them. We were happy to find that we were more successful in teaching others this year than we had in the past. Renewable energy for the win!

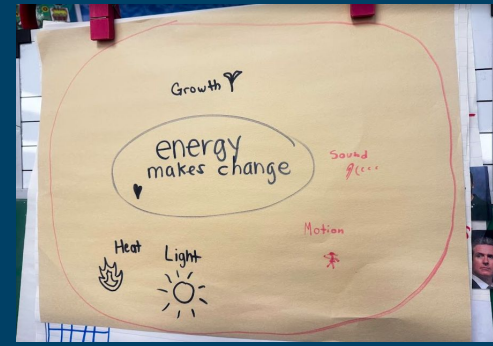
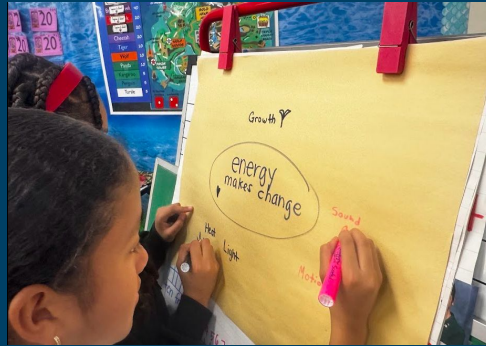
Goal 1: To teach our new members what we had learned about energy in the previous year and to strengthen our own knowledge and understanding..

Activities and tasks:

- We led icebreakers and games to learn about forms of energy.
- We did an energy sort.
- We became experts and created visual presentations and models demonstrating what we learned.

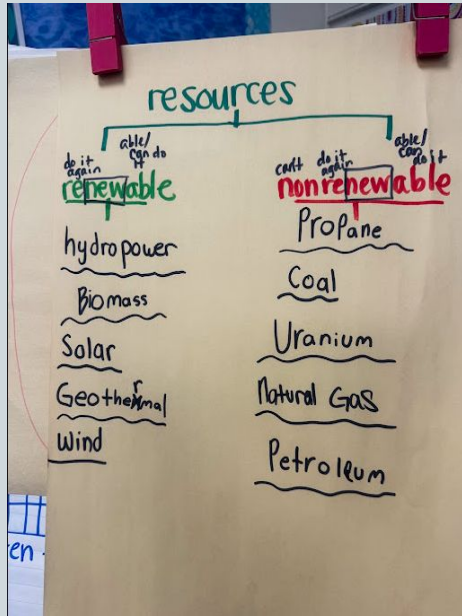


We taught and learned about energy, taught the energy chants, and sorted the forms of energy.

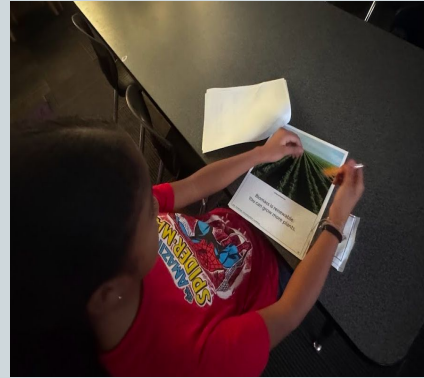
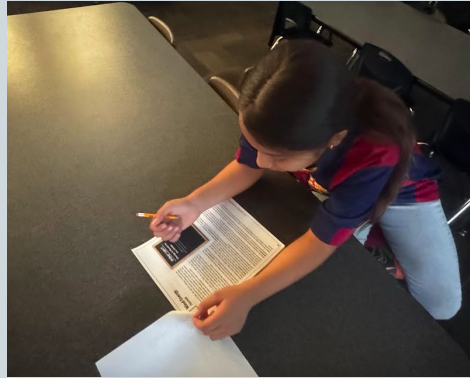
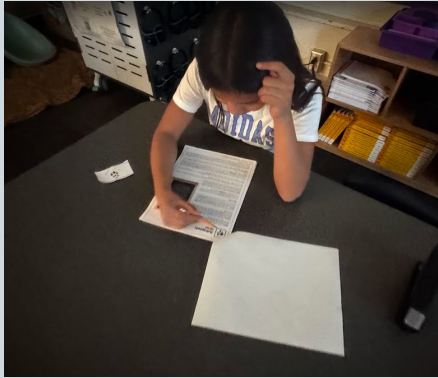


We also did icebreakers and games!

We taught the new Earthsavers what we knew about renewable and non-renewable forms of energy.



We also studied the Need Primary forms of energy infobook to become experts in specific forms of energy.

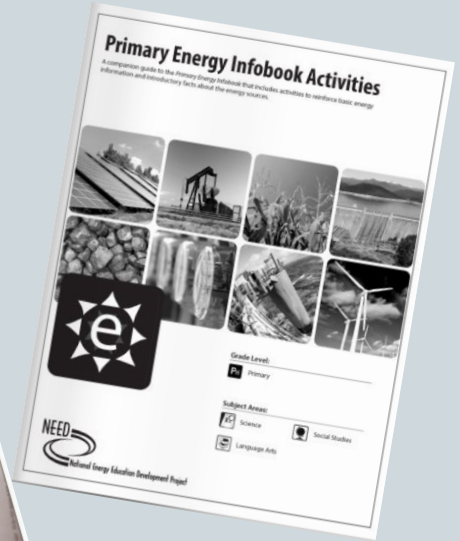
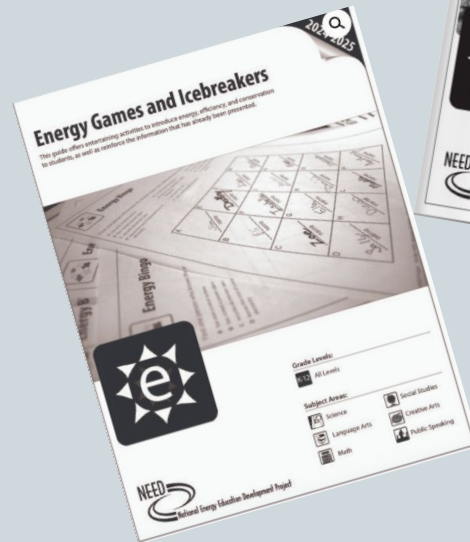


This information was later used to create projects that we presented.

Goal 1: To learn about energy.

Energy Content and resources:

- NEED Energy games and icebreakers
- NEED Primary Infobook



Goal 1: To learn about energy.

Student leadership:

- Former Earthsaver members took the lead to teach what they remembered to the new Earthsaver members.
- We became experts in a renewable resource and created projects to teach others about our resource.

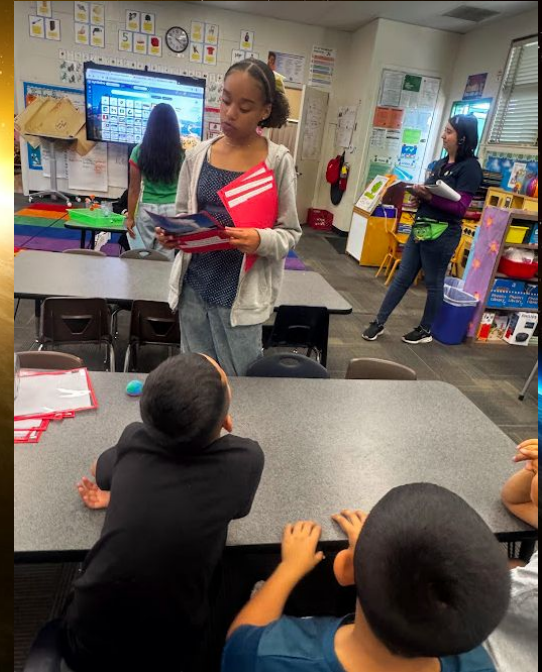
Evaluation:

- Our returning Earthsavers were surprised with how much we remembered and we were also surprised with what we had forgotten.
- After we presented the resource that we were an expert in, we reflected on our presentations and we evaluated each other.

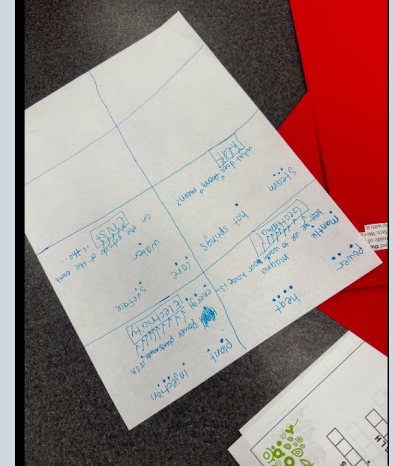
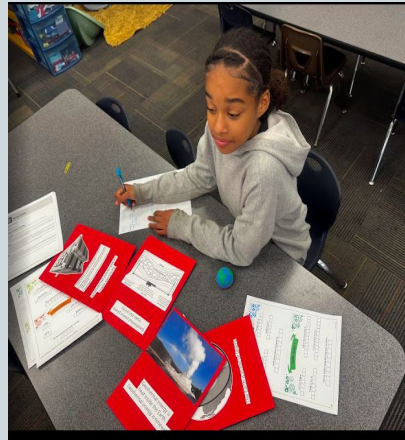
Goal 2: To teach our school community what we had learned about renewable forms of energy.

Activities and tasks

- We created visual presentations and models to teach about specific renewable forms of energy.
- We adapted games from the energy carnival to assess what the students and adults who listened to our presentations learned.
- We are going to present these projects during our school wide recycle fair on Earthday, April 22nd.

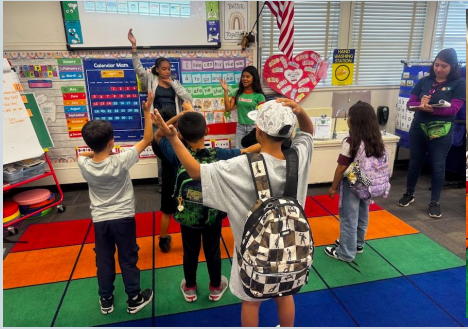


We created presentations and models to teach about specific renewable forms of energy.



We adapted games from the Energy carnival so that we could quiz our audience to see what they had learned!

We taught students and adults about renewable energy.

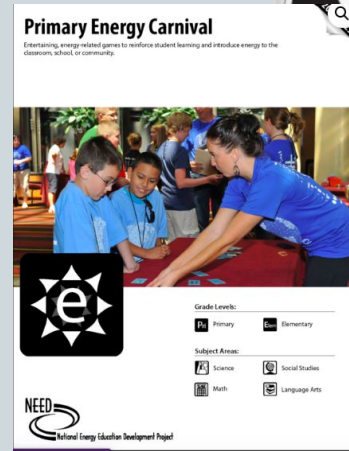


We followed up with a game that we adapted from the Energy Carnival games.

Goal 2: To teach our school community what we had learned about renewable forms of energy.

Energy Content and resources:

- NEED Primary Infobook
- NEED Primary Energy Carnival



Goal 2: To teach our school community what we had learned about renewable forms of energy

Student leadership:

- We used the information that we learned from the NEED energy infobook to create projects and visual models to teach students and adults on campus about renewable forms of energy.
- We adapted games from the Energy carnival to assess what participants had learned.
- We will also give our presentations at our upcoming Earthday celebration.

Evaluation:

- We saw great success this year with the students who participated in attending our presentations/ Energy carnival. Unlike at last year's energy carnival, the attendees were successful with the games because they actually learned!

Renewable Energy for the Win!! The Urbita Earthsavers

