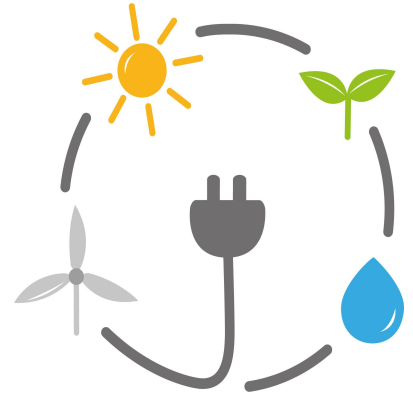




Earthsavers are Changemakers!

Urbita Elementary School
Earthsavers
San Bernardino, Ca.

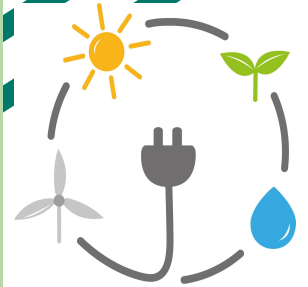




EARTHSAVERS ARE CHANGEMAKERS!

Urbita Elementary School Earthsavers
San Bernardino, California

Project advisors: Gabriel Hernandez, Isabella Michel-Luna, Ulysses Guytan, Daniela Perez, Gianna Montano, Keiloni Wilson,, Alondra Romo Gonzalez, Eli De Leon, Guadalupe Fernandez



It's hard to believe that last year was the first year that our Afterschool Club was able to meet together, post-pandemic. We were so excited to start year two, pick up where we left off, and then to accomplish so much more! Since we have another new principal, we knew we had to fill him in on our School Wide Recycle Plan that we started last year. Much to our delight, he is totally on board and happy to support our initiative. We filmed a movie to show in the classrooms to teach students and teachers about recycling, and to explain our new school plan.

We have new members in our club this year, therefore, we knew we had to catch them up with all that we learned about renewable and non-renewable energy. We used the Primary Energy Infobook to share all that we had learned about energy and forms of energy. We used the information that we have learned to create projects that we will be displaying at our upcoming Earthday Recycle Fair. We plan to teach students, parents, and staff all about renewable energy and how important it is to use renewable forms of energy. Lastly, we want to continue teaching Urbita students, parents, and staff about energy, so we decided to clean up our school garden to make it a usable space for our Earthsavers to teach hands-on lessons. We got a sponsorship from the Inland Empire Conservation District, who has donated mulch and garden beds that should be installed by the end of the school year. We are so excited to start the next school year off with our new teaching/hands-on learning space. Earthsavers ARE changemakers!

Goal 1: To get our school recycle plan going.



CREATING OUR MOVIE



Activities and tasks:

- *We used NEED's All About Trash to teach our new members why recycling is important.
- *We wrote to our principal to inform him of our plan.
- *We created a movie to show in classrooms. This will teach students and staff about the importance of recycling and explains our new recycling plan.

Energy Content and Resources:

- *NEED's All About Trash



**OUR MOVIE TEACHES
WHAT TYPES OF TRASH
WILL GO IN EACH CAN.**

**AND HOW TO EMPTY
THEM APPROPRIATELY
EACH DAY**



Goal 1: To get our school recycle plan going.

(Originally: April 25, 2023)
Currently: September 15, 2023

(Originally: Dear Mrs. Diehl,
Currently) Dear Mr. Wolbert,

We are the Earthsavers and we are writing to you because we have a tremendous problem on our campus and we need your help! Our first problem is that we are not sorting our trash correctly. In order to fix this, we need at least 2 blue recycle cans and 1 grey trash can in each classroom. We will also need one big trash can and one big recycling can for the custodian to dump our trashes in. Another idea that we had would be to have students from each classroom dump their classroom trashes into recycle stations at each wing. We also think that the Earthsavers should tell everyone how to recycle correctly during the morning announcements.

Lastly, the Earthsavers found that lights and air filters were being left on in classrooms. To solve this, we would like to do Energy Saving tips during the announcements and maybe you could make an all-call at the end of the day to remind teachers and students to turn off the lights and air filters. Thank you for helping us to do our part to save the Earth!

Sincerely,
The Urbita Earthsavers

Dear Earth Savers,

Yes, I want to help w/recycling and save the earth. I have asked Ms. Patricia to get prices on the recycle and trash cans. Once we have a price we will move forward. Please start developing a schedule for recycling dumping. Probably 2-3 times per week from 3:15-3:30. We will implement this once we have the cans. I'd also like you to work w/Mr. Diep and Ms. Schuelder to create an environmental



Video we can show each week to help raise recycle awareness. We can do an all call when the bus rider announcement is made.
I'm very excited to work with such motivated young adults. I'm proud of you and honored that you represent Urbita.

Ecologically,

Mr. Wolbert

Student leadership:

- *Our previous year's members taught the new members all that we had learned about recycling and our plan for recycling at Urbita.
- *We sent a letter to our new principal and he wrote us back, agreeing to support the plan.
- *We broke into smaller groups and created skits that we recorded and turned into a movie that will be shown to all the staff and students at Urbita to teach them our new plan for recycling.

Evaluation:

- *Our new members learned a lot quickly, and really helped to make a great movie.
- *Our principal believes that our plan will make big changes at our school. We are still awaiting the large trash cans and the dollies that our principal ordered to make the plan work, but we believe that once the items are on campus, our school will be able to implement a successful recycling plan!

Goal 2: To learn about energy and to teach what we have learned to our school community.

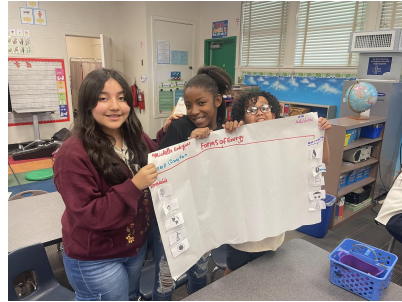
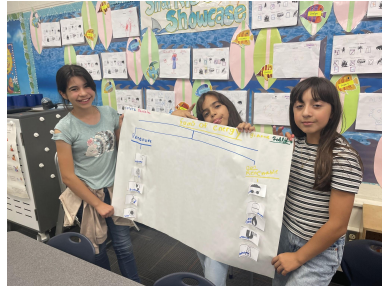
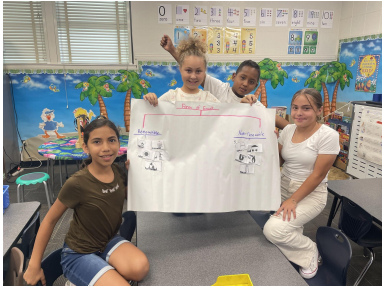
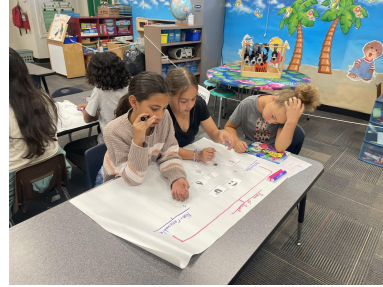
Activities and tasks:

- We used NEEDS Primary Energy Infobook to learn about energy and forms of energy.
- We divided into teams and became an expert on each renewable form of energy: solar, wind, hydropower, geothermal, and biomass.

Energy Content and Resources:

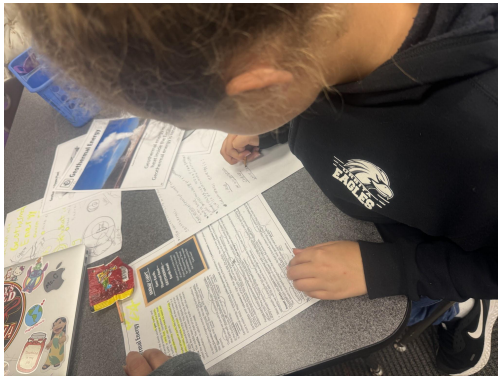
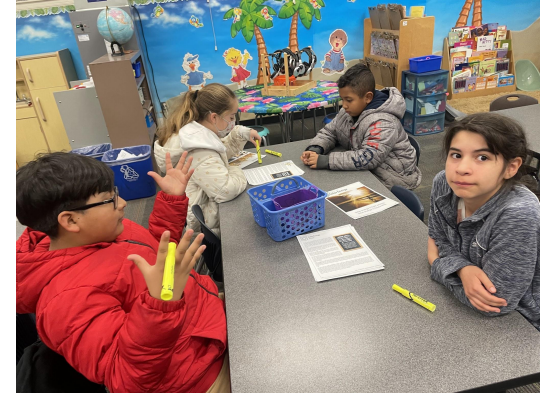
- *NEED's Primary Energy Infobook

We learned the difference between renewable and non-renewable energy.





We used NEED's Primary Infobook to learn about renewable forms of energy.



Recycle Fair

It's that time of the year again...the Recycle Fair is here! So gather up your recyclable items to create a project to put on display. Projects will be put on display during our Earth Day celebration on Monday, April 22nd. Fill the form below and send in with your entry ☺

Project Title: _____

Name: _____

Grade: _____ Teacher: _____

Materials used: _____

We used the information that we learned to create projects that we will present at our school's Earthday/ Recycle Fair.

Recycle Fair

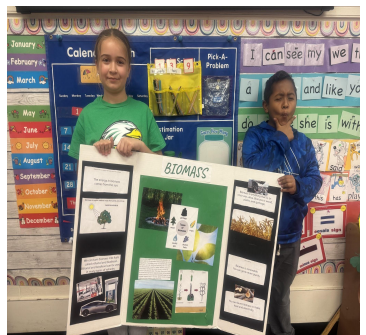
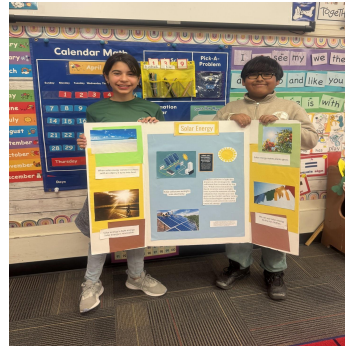
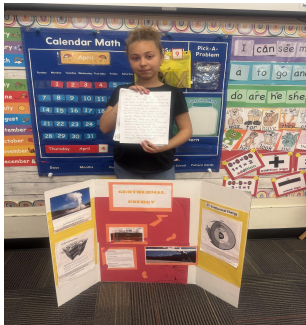
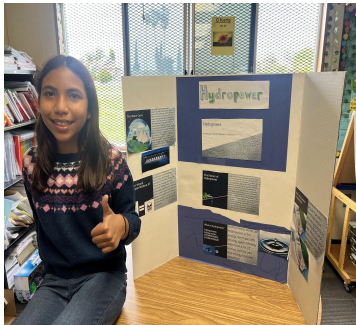
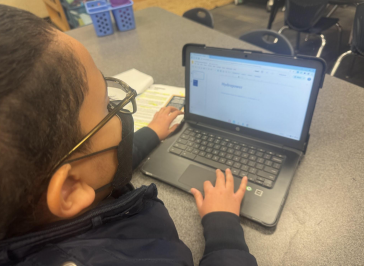
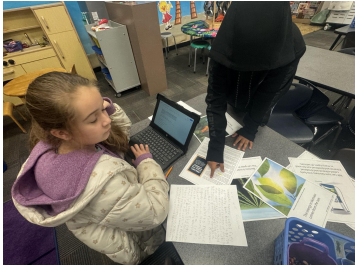
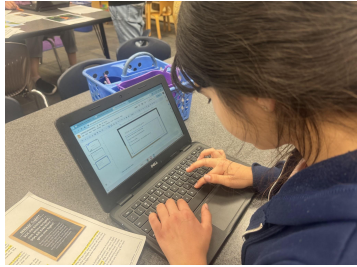
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Project Title: _____

Name: _____

Grade: _____ Teacher: _____

Materials used: _____



Goal 2: To learn about energy and to teach what we have learned to our school community.

Student leadership:

- Students used NEEDs Primary energy infobook to learn about energy and forms of energy
- Students created projects to teach our school community about the importance of renewable energy and will be presenting them at our Earthsavers' hosted Recycle Fair.

Evaluation:

- We learned a lot about energy and learned a lot from each other about different forms of renewable energy.
- We plan to self-evaluate after our Recycle fair to determine how well we were able to teach students, parents, and staff about the importance of renewable energy. We will use the self-evaluation to plan what to do better at next year's recycle fair.

Goal 3: To beautify our school garden and create a space for hands-on lessons.



Activities and tasks:

- *We spent hours in the garden cleaning it out and getting it ready for a hands-on learning space.
- *We worked with a member of the Inland Empire Resource Conservation District who got mulch and garden beds donated to us.

Energy Content and Resources:

- *We plan to use NEED's Saving Energy Infobook to teach about energy, growth, and to do demonstrations for forms of energy, such as wind and solar energy.

Goal 3: To beautify our school garden and create a space for hands-on lessons.



Student leadership:

*The Earthsavers worked hard to clean up and beautify the garden. With our donation from the Inland Empire Resource Conservation District, and help from our maintenance and operations department, we were able to have the mulch put in the garden. We are awaiting our beds and are hopeful that we can end the year with at least one hands-on lesson for our school community.

Evaluation:

*We will be evaluating the effectiveness of our lesson(s) through a self-evaluation tool. We plan to use the feedback to work on making our lessons better, as we plan to utilize this space into the next school year and beyond!



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