

Caywood E=Wise Team 2018-2019



“The purpose of the Caywood E=Wise Team is to educate our school, friends, and community about the importance of saving energy and promote a greener way of living.”

School Energy Audits

Goal# 1:

Activities and Tasks:

- Go around the school to assess each classroom's efforts of saving energy.
- Using a checklist, compile a list of classrooms that are wasting/saving energy
- Report results to Teachers and Staff.
- We used post-its left on the teacher's door describing items that they left on.

Energy Content and Resources:

- Energy Wise Google Document (Patrolling the School)

Student Leadership:

- Students in charge of evaluating the teachers and staff.

Evaluation:

- We used a checklist to show how many classrooms in our school turned off their lights.

Patrol date	Classroom:	Time	Lights	Computer monitors & printers	Personal Appliances	HVAC Units	Doors Closed	Windows Closed	Totals
	Ms. G...		✓	✓		✓	✓	✓	✓ X
	Ms. S...		✓			✓	✓	✓	✓
	Ms. D...		✓	✓		✓	✓	✓	✓
	Ms. M...		✓	✓		✓	✓	✓	✓
	Ms. B...		✓	✓		✓	✓	✓	✓
	Ms. E...		✓	✓		✓	✓	✓	✓
	Ms. K...		✓	✓		✓	✓	✓	✓
	Ms. L...		✓	✓		✓	✓	✓	✓
	Ms. R...		✓	✓		✓	✓	✓	✓
	Ms. T...		✓	✓		✓	✓	✓	✓
	Ms. W...		✓	✓		✓	✓	✓	✓
	Ms. Y...		✓	✓		✓	✓	✓	✓
	Ms. Z...		✓	✓		✓	✓	✓	✓
	Non-classroom	Time	Lights	Computer monitors & printers	Personal Appliances	HVAC Units	Doors Closed	Windows Closed	✓ X

Time Codes:
BS= Before School
LR= Lunch/Recess
AS= After School

Record Key
✓ = on/in use
X = Energy in use/ no people



Patrol date	Classroom:	Time	Lights	Computer monitors & printers	Personal Appliances	HVAC Units	Doors Closed	Windows Closed	Totals
	Ms. G...		✓	✓		✓	✓	✓	✓ X
	Ms. S...		✓			✓	✓	✓	✓
	Ms. D...		✓	✓		✓	✓	✓	✓
	Ms. M...		✓	✓		✓	✓	✓	✓
	Ms. B...		✓	✓		✓	✓	✓	✓
	Ms. E...		✓	✓		✓	✓	✓	✓
	Ms. K...		✓	✓		✓	✓	✓	✓
	Ms. L...		✓	✓		✓	✓	✓	✓
	Ms. R...		✓	✓		✓	✓	✓	✓
	Ms. T...		✓	✓		✓	✓	✓	✓
	Ms. W...		✓	✓		✓	✓	✓	✓
	Ms. Y...		✓	✓		✓	✓	✓	✓
	Ms. Z...		✓	✓		✓	✓	✓	✓
	Non-classroom	Time	Lights	Computer monitors & printers	Personal Appliances	HVAC Units	Doors Closed	Windows Closed	✓ X

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Caywood Energy Night

Goal# 2:

Activities and Tasks:

- Inform parents and staff of what the Energy Team is doing at school to help save energy.
- Get our community and school involved in our efforts.
- Educate our Parents and Community members on what they can do at home to save energy and how to keep their energy costs down.

Energy Content and Resources:

- Our Energy at home Parent Survey
- NEED.org
- Energy At Home Kit Supplies

Student Leadership:

- Students speak/present to parents, peers, staff, and other members of the community.
- Review of survey data from the energy at home survey.

Evaluation:

- Sending out another at home energy survey.



Go Green Week

Goal# 3:

Activities and Tasks:

- School wide Recycling Day
- Technology Tuesday (minimal paper usage)
- Zoo Go Green Tour
- Lights Out Day!
- Energy at Home Survey
- Wear Green Day
- Energy Night
- Go Bananas Recycling Contest

Energy Content and Resources:

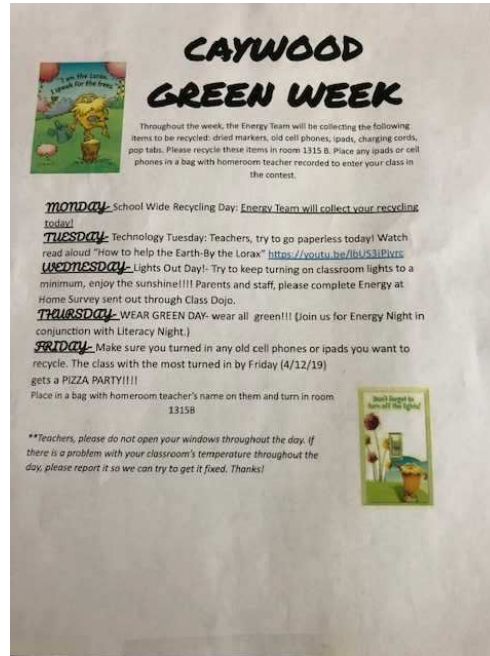
- Caywood Energy At Home Survey Data
- NEED.org

Student Leadership:

- Students were responsible for sending school reminders out about Go Green Week as well as informing their own peers and teachers.
- Students made a Go Green Week Flyer to send out through school email.

Evaluation:

- # of items recycled throughout the week.



CAYWOOD GREEN WEEK

Throughout the week, the Energy Team will be collecting the following items to be recycled: dried markers, old cell phones, ipads, charging cords, pop tabs. Please recycle these items in room 1315 B. Place any ipads or cell phones in a bag with homeroom teacher recorded to enter your class in the contest.

MONDAY School Wide Recycling Day: Energy Team will collect your recycling today!

TUESDAY Technology Tuesday: Teachers, try to go paperless today! Watch read aloud "How to help the Earth-By the Lorax" <https://youtu.be/16j531Pvrs>

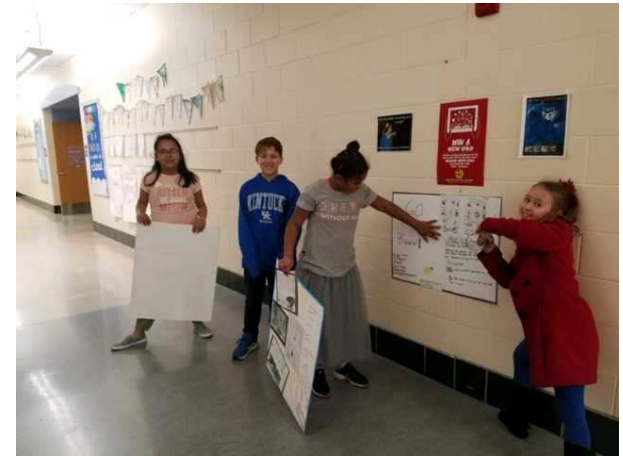

WEDNESDAY Lights Out Day!- Try to keep turning on classroom lights to a minimum, enjoy the sunshine!!!! Parents and staff, please complete Energy at Home Survey sent out through Class Dojo.

THURSDAY WEAR GREEN DAY- wear all green!!!! (Join us for Energy Night in conjunction with Literacy Night.)

FRIDAY Make sure you turned in any old cell phones or ipads you want to recycle. The class with the most turned in by Friday (4/12/19) gets a PIZZA PARTY!!!!

Place in a bag with homeroom teacher's name on them and turn in room 1315B

***Teachers, please do not open your windows throughout the day, if there is a problem with your classroom's temperature throughout the day, please report it so we can try to get it fixed. Thanks!*



Family Energy Survey

Goal# 4:

Activities and Tasks:

- Create a google form asking parents about their efforts to save energy at home.
- Send out the survey to have families complete it on Class Dojo.
- Gather the data to report to the school.

Energy Content and Resources:

- Google Forms
- Class Dojo

Student Leadership:

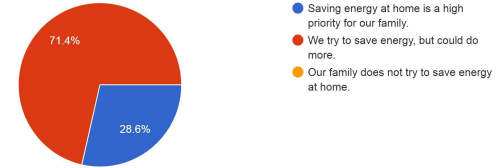
- Students connect with Caywood Families through Class Dojo by asking them to complete the Family Energy At Home Survey.

Evaluation:

- Data was collected from the responses the Team received.

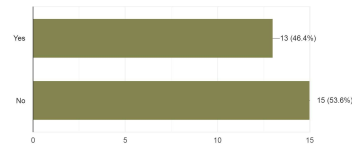
How would you rate your family's energy saving efforts at home?

28 responses



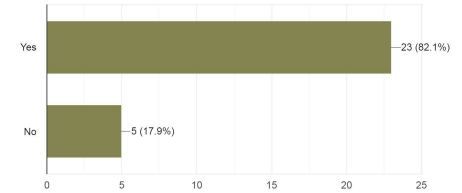
Do you have recycling at home?

28 responses



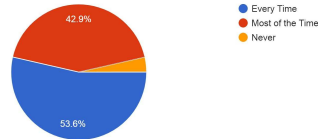
Have you installed LED light bulbs in your home?

28 responses



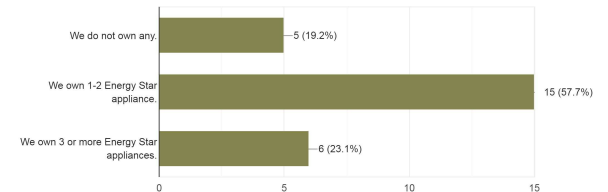
How often do you turn out the lights when leaving a room in your home?

28 responses



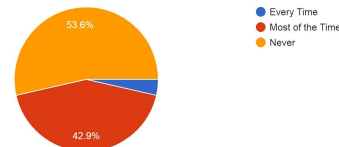
Do you own any energy star appliances?

26 responses



How often do you unplug appliances in your home when not in use?

28 responses



Recycled Bag Project

Goal# 5:

Activities and Tasks:

- Collected Plastic bags from Caywood Staff and Students.
- We cut bags to make "plarn".
- The team learned how to crochet to make mats for the homeless to sleep on.
- Donate "Plarn" that we made to the Diocese of Covington Mercy Mats.

Energy Content and Resources:

- Recycled Plastic Bags
- Crochet Needles
- Diocese of Covington Mercy Mats

Student Leadership:

- Students were in charge of informing the school and classmates that we were collecting plastic bags. They worked as a team to cut and make Plarn.

Evaluation:

- Our bags were cut into plarn and will be donated to an organization that makes the mats.



Go Bananas

Goal# 6:

Activities and Tasks:

- Recycle old tablets, phones, charging cords, etc.
- Create a school contest to boost participation in recycling.

Energy Content and Resources:

- Go Bananas Recycling project information from the Cincinnati Zoo

Student Leadership:

- Students created a plan to recycle the most phones and tablets from the Caywood community.
- They made posters to hang in the walls and made announcements to remind the school.
- Collections were made by the students during Go Green Week.

Evaluation:

- A checksheet was kept by students to keep track of the number of donations and by which classroom at school to determine the winner of the classroom Pizza Party!



Pop Tab Recycling

Goal# 7:

Activities and Tasks:

- Collected pop tabs to donate to the Ronald McDonald House for recycling.

Energy Content and Resources:

- www.rmhcincinnati.org

Student Leadership:

- Students were in charge of researching the campaign.
- Students made posters to inform their school about the recycling program.
- The tabs were collected throughout Go Green week by team members.

Evaluation:

- At the end of the year, pop tabs will be measured by weight and donated.



Crayola Color Cycle

Goal# 8:

Activities and Tasks:

- Collect old and dried up highlighters, markers, and pens to send to Crayola Color Cycle program.
- Ship the recycled products to the Colorcycle Program

Energy Content and Resources:

- Crayola Colorcycle Program
 - Crayola.com

Student Leadership:

- Students made posters and announcements to get the school involved in our efforts to recycle markers.
- Students collected recycled markers and packaged them up to be sent away for recycling.

Evaluation:

- Markers collected throughout the year will be counted and shipped to Crayola Colorcycle.



Kenton County Energy Workshop

Goal# 10:

Activities and Tasks:

- Present the school energy assessment to other E=Wise teams in the county.
- Play candy collector
- See, Run, Do Activity
- STEM activity

Energy Content and Resources:

- NEED

Student Leadership:

- Students collaborate with other members of E=Wise from other Kenton County Schools
- Students present their School Energy Assessment Project

Evaluation:

- Leadership students from the county gave presentation advice to the students.



Spring Break Energy Shutdown

Goal# 10:

Activities and Tasks:

- Send out a spring break energy shut down checklist to help save our school the most energy during the break.

Energy Content and Resources:

- Kenton County Energy Wise Google form for shutdowns during breaks.

Student Leadership:

- Students are in charge of checking the rooms around them and making efforts to remind their peers and teachers about the checklist.

Evaluation:

- TBD: Caywood's spring break is 4/15/19-4/22/19. Total cost of energy savings for the week will be documented.

Teachers

This is the shutdown checklist for teachers

#	Checklist Item	Done	N/A	Date	Points	User	Comments
1.	Empty refrigerators and unplug, leaving door open	<input type="checkbox"/>	<input type="checkbox"/>		0		
2.	Close drapes and/or blinds to reduce heat loss during the day	<input type="checkbox"/>	<input type="checkbox"/>		0		
3.	Turn Off all Computers, including Monitors.	<input type="checkbox"/>	<input type="checkbox"/>		0		
4.	Unplug all personal microwaves.	<input type="checkbox"/>	<input type="checkbox"/>		0		
5.	Turn off all Smartboards – DO NOT UNPLUG	<input type="checkbox"/>	<input type="checkbox"/>		0		
6.	Turn off and/or unplug printers, projectors, TVs, copiers, coffee pots, battery chargers, radios, power strips not tied to computer equipment, and other equipment that consume phantom loads.	<input type="checkbox"/>	<input type="checkbox"/>		0		
7.	Make sure all classroom lighting is turned off	<input type="checkbox"/>	<input type="checkbox"/>		0		
8.	Turn off and unplug all personal lamps	<input type="checkbox"/>	<input type="checkbox"/>		0		
9.	Ensure all light switches are off thus disabling any unintentional use of lighting sensors	<input type="checkbox"/>	<input type="checkbox"/>		0		
10.	Take down all hanging items from the ceiling where lighting sensors are used for lighting	<input type="checkbox"/>	<input type="checkbox"/>		0		
11.	Make sure no furniture, posters, or bulletin boards are covering HVAC units, and if the building has unit ventilator consoles, make sure there are no items stored on top or in front of the units.	<input type="checkbox"/>	<input type="checkbox"/>		0		

Cincinnati Zoo Energy Tour

Goal# 11:

Activities and Tasks:

- Go Green Tour around the Cincinnati Zoo to learn more about their energy conservation efforts.

Energy Content and Resources:

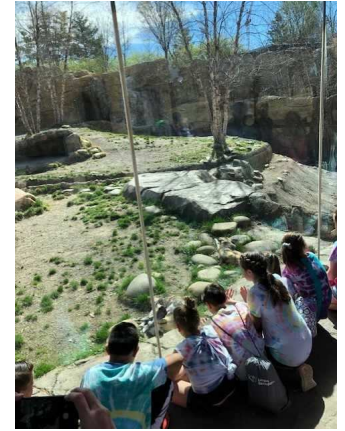
- Green building
- Solid waste management
- Renewable energy
- Water conservation
- Energy efficiency

Student Leadership:

- Students went back to school to present to their teachers and peers to discuss the energy conservation efforts made by the zoo and what they can do at home to help.

Evaluation:

- Students participated in a scavenger hunt to find as many ways the Zoo saves energy based on the tour they had.
- They made a “green” promise to the Earth.



Caywood Energy Team Social Media Project

Goal# 12:

Activities and Tasks:

- Create an email address for Caywood's energy Team.
- Create a facebook page to spread our knowledge and efforts to save energy to the community.

Energy Content and Resources:

- Google
- Facebook

Student Leadership:

- Students came up with the idea and are in charge of keeping up with sending out weekly posts about saving energy to share with the community.

Evaluation:

- Email us: caywoodenergyteam@gmail.com



Energy Read Aloud

Goal# 13:

Activities and Tasks:

- Have every student in the school watch a read aloud about the importance of saving energy and creating a cleaner Earth.

Energy Content and Resources:

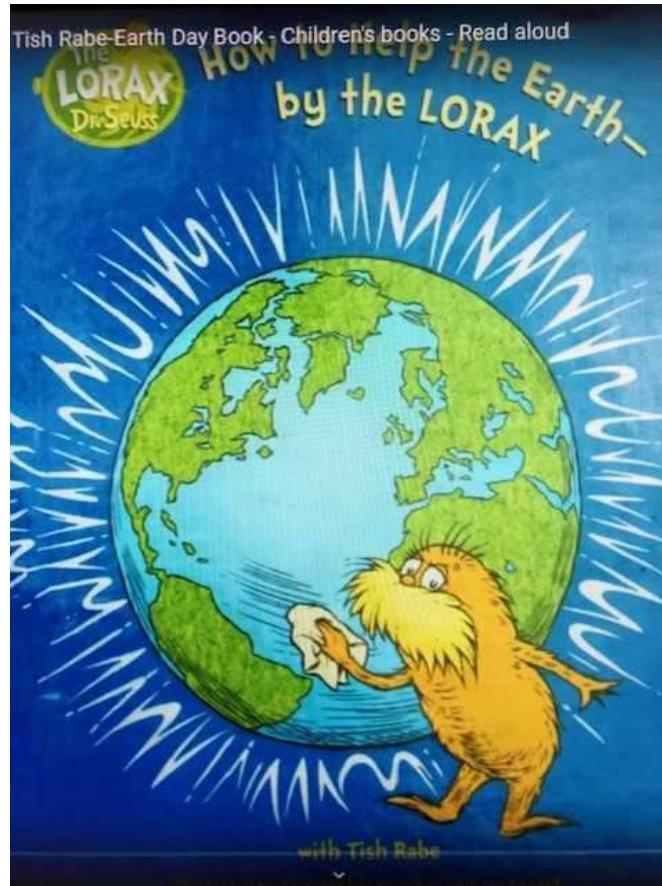
- <https://youtu.be/lbUS3jPjyc>

Student Leadership:

- Students were in charge of reminding students and staff to watch the read aloud at least once during Go Green Week.

Evaluation:

- Energy at home survey sent to parents.



Thank You!



Brittany Hoersting, Sponsor and the Caywood Energy Team: Kye, Peyton, Jada, Isabella, Alexis, Marisol, Bristol, Adrienne, Fatima, Jaxon, and Riley.