

**St Margaret Catholic School: Junior  
Louisiana:  
Pro Terra Nova: For a Good Earth  
Sponsor: Judy Reeves**

**6 - 8th  
grade**



**Recycling for a  
Good Earth  
2025-26**

# THESE ARE OUR LEADERS OF OUR CLUB

Hi I'm Ellie  
The  
President

Good Morning  
Love the Boot Sunrise !  
Shelby, Ryleigh, Abla,  
Maleyah, & Amaya



- President - Ellie Clanton
- Vice president - Shelby Chapman
- Treasurer - Abla khoury
- Secretary - Abigail Viney
- Historian - Maleyah Anderson + Amaya Lawrence
- Recycling Manager - Adele Sov  
Chaplin - Abby Gatlin
- Marketing - Alexandra Mckinley and Ryleigh Toups



Love the Boot  
Cameron  
Clean up  
Hey  
Adele and Abby



# About St. Margaret Catholic School Science Club



The St. Margaret Catholic School Science Club experienced a significant 2025–2026 academic year, concentrating on environmental awareness, energy education, and community service. Through Goal #1, the club advocated for recycling among all grade levels (Pre-K–8th), coordinating weekly recycling pickups, school-wide competitions, and educational initiatives. Students designed posters, delivered lessons and songs about recycling, and took part in events such as Earth Day and the CalCaChew community festival. Their endeavors resulted in full participation from the school and heightened awareness within both the school and the local community. Under Goal #2, the club broadened its focus to include energy education. Students participated in the Lake Charles Energy Expo, engaged in hands-on activities, and organized their own Energy Expo for younger grades. Topics covered included solar, wind, hydro power, natural gas(LNG), and more. These experiences were bolstered by research, collaboration with organizations like NEED, Entergy, and mentorship from teachers and community experts. The club also played a role in environmental cleanups, including beach restoration projects in Cameron Parish. For Goal #3, the club effectively raised funds for a youth awards trip to Washington, D.C. through events such as a Cameron Fish Festival, School Dances, and sales. Leadership roles were distinctly outlined, with students taking an active role in organizing and managing initiatives. In summary, the Science Club integrated leadership, service, and education to create a significant impact—advocating for sustainability, engaging the community, and inspiring younger students through experiential science learning.



## **The goal of our recycling program is to:**

1. Teach students at St. Margaret Catholic School (Pre-K through 8th grade) how to recycle using our school recycling center
2. Encourage parent involvement in the city recycling program
3. Promote recycling within our community and church parish

## **ACTIVITIES AND TASKS**

1. Ellie, our Club President, obtained permission from Principal Wendy Wicke to conduct all recycling activities.
2. Hosted a recycling initiative at the Calcachew Community Festival.
3. Coordinated with the city recycling center to establish weekly recycling pickup.
4. Updated the PepsiCo Recycling Rally recording site with collected data.
5. Taught recycling awareness through a song created by Shelby.
6. Organized an Earth Day event (“Love the Boot”) with a campus cleanup on April 20.
7. Held a school-wide recycling contest on April 1, collecting plastic and aluminum; distributed city flyers with recycling locations.
8. Conducted a Junior High recycling poster contest.

**ENERGY CONTENT:** NEED’s *Talking Trash*: Informational materials on biomass; The NEED website ([www.need.org](http://www.need.org)); City of Lake Charles recycling information; Presentations from Mr. V (janitor) and Mrs. Judy Reeves (science teacher)

**STUDENT LEADERSHIP:** Adele Sov Recycling Manager served as the head of the Junior High classes

Grayson Miller Recycling Manager, served as the head of the Elementary classrooms

All Science Club Students Participated from 6th and 8th grade they were organized into Recycling Leader Groups to promote accountability and participation.

**SUMMARY:** Created accountability posters and conducted weekly recycling audits in each classroom

Recycling pickup was scheduled every Monday at 7:15 AM. Held a school-wide recycling poster contest: First place (Adelaide): received a cash prize; poster enlarged and displayed in the school. Second place (Adele): poster reproduced and placed in every classroom. During Earth Awareness Week: Distributed city recycling flyers, hosted a school-wide recycling drop-off contest

**EVALUATION:** Recycling School-wide Achieved 100% participation across 23 classes

Total materials collected during the 2025–2026 school year: **Total weight: 3,532** lbs: PET/PETE 778 lbs, Aluminum 462 lbs, Plastic (HDPE) 519 lbs, and Fiber 1,773 lbs.

Participated in the “Love the Boot” program (April 18–20), Cameron Parish, and Schoolwide planting

At the Calcachew Festival: Distributed 100 recycling flyers, Collected recycling from 8:00 AM to 3:00 PM, Gathered approximately 10 (30-gallon) bags of plastic and aluminum

# Recycling Song by Shelby

Students Participating in the presentation: Shelby, Abby, Abla, Adele, & Ellie

Song Link: [IMG\\_0394.MOV](#)

<https://youtu.be/oGxbNGyAapU>

Hi I'm Shelby



New Sign and Bin

Recycling Area



Teaching in the Square

# Recycling in Our School

Every Monday morning, we gather all the paper, plastic, and aluminum from all of the classes and bring them to the Recycling Center at our school and record the amount recycled on Pepsico Recycling Website.



Lets Go Guys!



What a Beautiful Day!



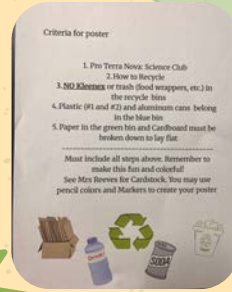
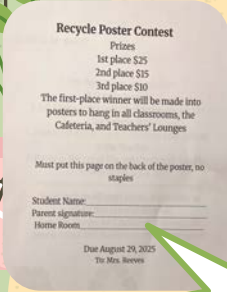
#778 lbs, ET/PETE plastic  
# 519 lbs HDPE Plastic  
#462 lbs. of aluminum  
#1,773 lbs. Paper  
#300 Student participants

# Poster Contest

Date: August 29, 2025

# Be Green and Recycle

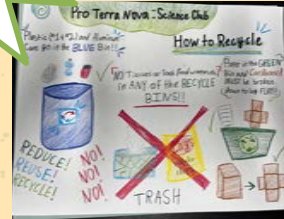
Date: April 1, 2026



50 Posters printed



Adelaide



Adele



Abigail



School Wide Total of Recycling - 2578 gallons

Elementary Winner 3rd grade with 263 gallons of plastic and aluminum

Junior High Winner 8th grade with 1135 gallons of aluminum and plastic



Flyers went out to the whole school on the Viking Vine and Bulletin Board reaching out to 1000 Families



# Recycle Contest Day

All set up in the parking lot 4-8 grade to the left and PreK - 3rd grade to the right!!

6:45am-7:45am

Project Leader: Adele Sov and Grayson Miller

All team members

Collection Plastic and Aluminum

Prek-3rd collected: 917 gallons

4th -8th grade Collect :1661 Gallons

That's a lot of Recycling not heading to the landfill.

Keep it Rolling !



We are Ready



Yes we collect all of this recycling!



Total 2578 Gallons

How many bags ?



**GOAL #2 :** To have students at St. Margaret Catholic School participate in Energy and Environmental Related programs throughout the year incorporating different school and community events.

### **ACTIVITIES AND TASKS**

1. Our club officer Ellie obtained permission from Principal Wendy Wicke to conduct the activity.
2. The 7th grade went to the yearly Energy Expo at the Event Center in Lake Charles.
3. The 6th grade completed Science of Energy Works activities.
4. The 8th grade Class Researched 9 energy sources, Science of Energy, and presented an Energy Expo to 2-6 grade students .
5. Cameron Parish Beach Clean up and Love the Boot Maes Beach Clean up



### **ENERGY CONTENT AND RESOURCES:**

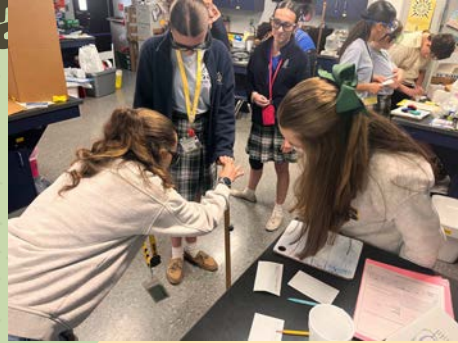
1. NEED's Energy Works, Science of Energy, Info Books, Carnaval, and many other NEED materials
2. Chameleon activity
3. Energy companies websites linked to [www.NEED.org](http://www.NEED.org)
4. Science Buddies Engineering
5. Entergy ( Mr Khelken)

**STUDENT LEADERSHIP :** At the 7th grade event, the **leaders** were Alexandra and Angelle . At the STEM Activities, 6th grade students leader Agnus and Emily **8th grade Leaders :** Ellie, Shelby, Maleyah, Abby, Adele, Abla, Ryleigh, Amaya

**EVALUATION :** Completed activity with Chameleons and identification of usage for chameleons in the real world (22 students) and redesigned the chameleon to be able to make in 10 min vs two class periods. The 21 7th graders attended the STEM Energy Event. 18 / 8th grade students presented energy to 114/ 2nd - 5th grade students. Invited Entergy to talk about secondary source Electricity.

# Science Of Energy 8th Grade

Try not to spill it!!!



3,2,1 Go



# Science Of Energy 6th Grade

Are Y'all Ready





# Energy Expo Day

## LNG/Natural Gas



<https://youtu.be/Py5wwdTruMY>

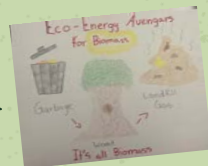


WOW 130 participants

Check out the video links  
Wind

Grades  
2nd -6th

## Biomass



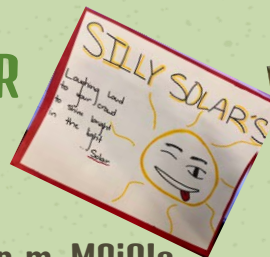
<https://youtu.be/GjSaSp82Ymw>



<https://youtu.be/abc44q...>



## SOLAR



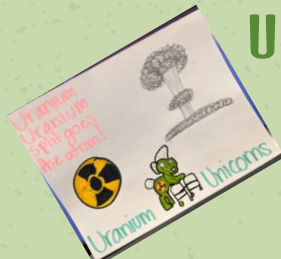
[https://youtu.be/3p-m\\_M0iQlo](https://youtu.be/3p-m_M0iQlo)



## Coal



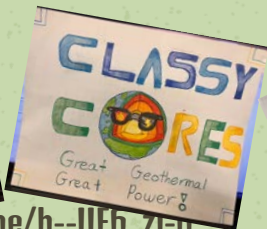
<https://youtu.be/5qU4EDbNsBc>



<https://drive.google.com/file/d/1t5jDwnhmXZDwPHCq5Pq49nor4t/view?usp=sharing>



## GeoThermal



[https://youtu.be/h--UF6\\_zf0](https://youtu.be/h--UF6_zf0)

## Petroleum



[https://drive.google.com/file/d/1RFuY06ZbHDwYkUzefwK9Fd0bFSi/view?usp=drive\\_link](https://drive.google.com/file/d/1RFuY06ZbHDwYkUzefwK9Fd0bFSi/view?usp=drive_link)



## Hydro Power



<https://youtu.be/x6SgDbkKwLvs>





# Energy Expo Video

## March 23, 2026

8th grade students teaching Energy through hands on activities in a carnival style to 114; 2-5 graders.

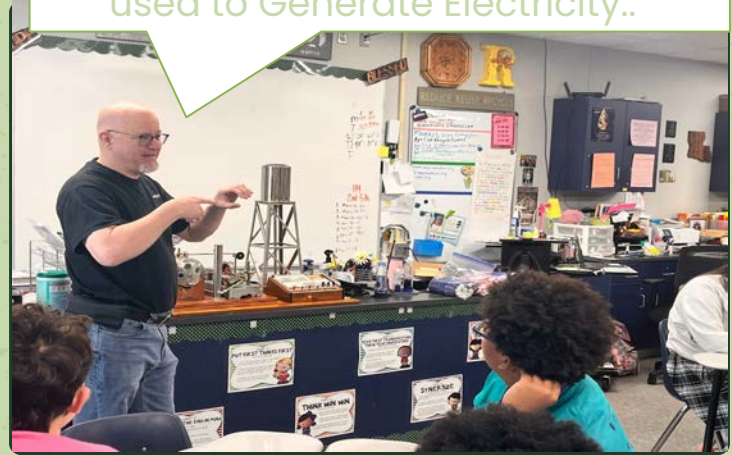
Students used different NEED Materials to research and create their boards and Activities:

Mrs Reeves created the model for the headbands so each group had an original costume.

<https://youtu.be/uH46nCC6uhl>

[https://drive.google.com/file/d/1vfCtdJSc7Cbdn91L8lezH7bb1O7r\\_XTc/view?usp=drive\\_link](https://drive.google.com/file/d/1vfCtdJSc7Cbdn91L8lezH7bb1O7r_XTc/view?usp=drive_link)

Mr Khelken from Entergy : "Entergy uses Coal, Hydro, Natural Gas, Nuclear & Petroleum Coke.." He said "This model of a power plant was a fossil like the fuel it used to Generate Electricity.."



[https://drive.google.com/file/d/1vfCtdJSc7Cbdn91L8lezH7bb1O7r\\_XTc/view?usp=sharing](https://drive.google.com/file/d/1vfCtdJSc7Cbdn91L8lezH7bb1O7r_XTc/view?usp=sharing)  
<https://youtu.be/rTAGoGMc4-o>



# 7th grade Expo 2025

Expo Sponsored by Lake Area Industries

All 7th grade students in the region attended this event over 1000 kids and 100 volunteers from Local industries. Teachers received a goodie bag and a t-shirt: Bus transportation was provided.

**P  
O  
L  
Y  
m  
e  
r  
s**

**S  
T  
E  
M**





# Pro Terra Nova Past & Future

August

Energy Summer Camp 75 students 4 days

Sept. 16

Cameron Beach 400 participants

October 26

Calca Chew Festival 1000 participants

February 12

Regional Science Fair 100 STEM Bags

March 23

Energy Expo / Science of Energy 114 participants

April 1

Love the Boot Recycling Contest 300 participants

April 18

Love the Boot Mae's Beach Cameron 400 participants  
Estimated

April 27

Earth Day "Go Green" Challenge 300 participants Estimated

June

Washington DC: NEED Youth Awards 2026



We were making fun little STEM Kits for 100 elementary students attending the the 71st Regional Science Fair

