

Student Leader: Sarah Owen

Team: Bailey Wimberly, Draven Day, Katlyn Rivers, Evan Mathis , Jacob Wing , JT Kihlken



**Pro Terra Nova
St. Margaret Catholic School
Judy Reeves
2510 Enterprise Blvd
Lake Charles, La 70601 337-479-0065**

St. Margaret Catholic School recycle team's goals were to educate the school body from K-8th grade, to participate in community recycling and upcycling programs, and to identify how much recycling is done at our school. J.T. and Evan both worked with Mrs. Thibodeaux by bringing presentations and activities to the students in K-8th grade every other month, sharing their energy and excitement about recycling. Evan and J.T. also worked with teams of students who were assigned to different pick up locations throughout the school, depositing the material every Monday into the recycle center. On Tuesdays, the city picks up our recycling, so the two boys and their team would weigh all bags and record data onto the Pepsico website, which enters the school into different challenges to earn money and prizes.

Taking it further into the community, we worked with SWLA Autism Society to collect Mardi Gras beads and wrap them for their drive, which sells the beads to benefit a free summer camp for students with Autism. We also collected small hotel soaps to upcycle for the Seafarer's organization, which sends a gift to every seafarer that enters the Port of Lake Charles during the Christmas holidays. We also participated in Ecycle day (which our sponsor, Mrs. Judy Reeves worked) by bringing all saved technology that had been discarded at our school. Last but not least, students participated in an awareness video contest with the Environmental Group Calcasieu Parish and did a sweep winning all entries.

NEED YOUTH AWARDS PROGRAM FOR ENERGY ACHIEVEMENT

REQUIRED APPLICATION INFORMATION PLANNER

State: La School Name: St Margaret Catholic School

Students should fill out this form with the help of a teacher and use this information when completing online submission of the application and project. Projects must be submitted online by April 15, 2020. Contact NEED at 1-800-875-5029 with any questions.

PROJECT LEVEL:

☐ Primary (K-2)
☒ Elementary (3-5)
☐ Junior (6-8)
☐ Senior (9-12)
☐ Independent and Special Category
☐ First Time Entry/Rookie

PROJECT TYPE

☒ Signature
 (15 slide maximum)
☐ Foundations
 (4 slide maximum)

CHECKLIST:

☒ Application: information compiled and entered online
☐ Digital project is submitted and contains
 _____ project summary
 _____ school name and leader names
 _____ reporting of goals
 _____ documentation (photos, etc.)
 _____ fits within the slide requirements
☒ Digital project file name includes school or team name
☐ Video link has been provided (optional)

| | | | |
|---|--|--|--------------------------|
| Project Title Pro Terra Nova | | Club Name (if applicable) | |
| Full School Name St Margaret Catholic School | | School District Diocese of lake Charles | |
| School Street Address 2510 Enterprise Blvd | | County Calcasieu | State La |
| City/Town Lake Charles | School Phone Number (Area Code) 337-436-7959 | Last Day of School Quarantined | Zip Code 70601 |
| School Fax Number (Area Code) 337-436-9931 | Email Address jrkat60@gmail.com | U.S. Congressional Representative | |
| Project Advisor Judy Reeves | Student Director(s) Sarah Owen | School Website www.stmcs.com | |
| School Principal Wendy Wicke | Number of Students Coordinating Project 15 | Number of Students Reached 300 | |
| Number of Community Members Reached Directly 5000 | Number of Community Members Reached Indirectly (media coverage, etc.) 65,000 | Hours Spent on Project Collectively 1800 | |
| Home Phone Number of Advisor (Area Code) 337-302-4830 | | | |

THE FINE PRINT

As the project advisor and student director(s), we declare that the project submission has been assembled with the participation of students and that all information and data in this report are true. We have double-checked to ensure that all materials are included and that documentation has been limited to 4 or 15 slides, as applicable. Participants acknowledge that submission, materials, and other documentation provided may be displayed at www.NEED.org.

Project Advisor Signature
Judy Reeves
 Project Advisor Printed Name
Judy Reeves
 Date
04/27/2020

Student Director(s) Signature(s)
Sarah Owen
 Student Director(s) Printed Name(s)
Sarah Owen
 Date
04/27/2020

Goal 1: host summer energy camp and conduct energy expo online

ENERGY CONTENT ACTIVITIES

1. **View** Science of Energy online with Mrs reeves , Exploring Oil and Natural Gas, Games and Icebreakers, Science of Energy, Energy Expo, and Energy works (6th grade)
2. Obtained permission from the principal to conduct the activities at school and online (Flip Grid)
3. Played Guess the Energy source activity by creating 10 Groups/ energy Bingo
4. Students researched energy topics on National and State levels
5. Created Flip Grid activities
7. Hosted a summer energy camp for 5 days 3 hours a day “Let the Games Begin”.

STUDENT LEADERSHIP:

Sarah Owens, Bailey Wimberly, Draven Day, Katlyn Rivers, Evan Mathis , Jacob Wing , JT Kihlken

RESOURCES

- 1.NEED's *Energy Expo, Energy Infobooks, Games and Icebreakers , Science of Energy, Energy Works, Map activity , www.need.org links and online curriculum.*
2. Flip Grid
3. Ms. Reeves Resources of websites and contacts.
4. NEED staff www.need.org

EVALUATION :

- Number of activities completed by the classes (See Slides)
- Student entered contest winning Environmental Commercial contest
- Winning Louisiana Green Schools Challenge

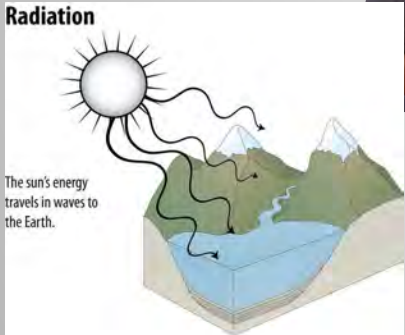
Summer Energy Camp Solar Day



That was amazing that bead changed before my eyes

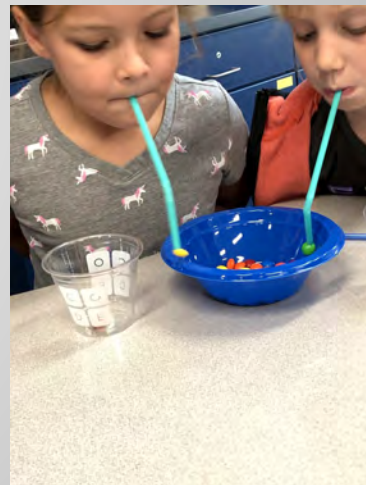
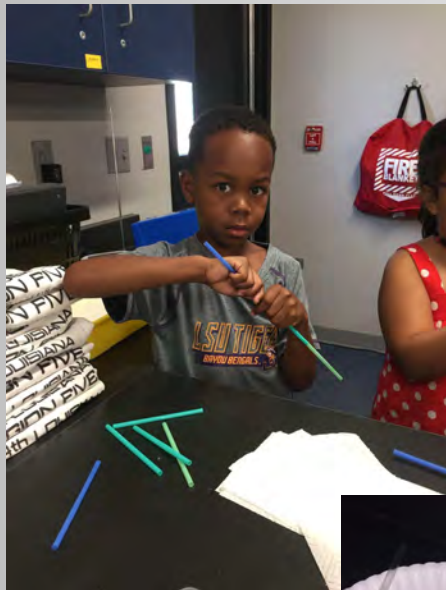


Solar racers and solar ovens

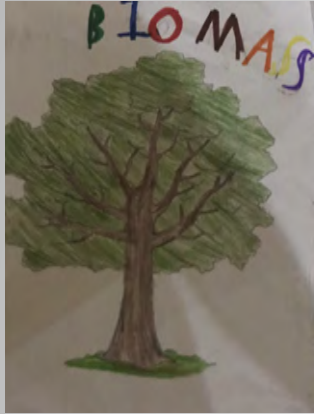


Summer Energy Camp

Petroleum



Quarantine Energy Expo



Student presented on flip grid
allowing other students to see their
work

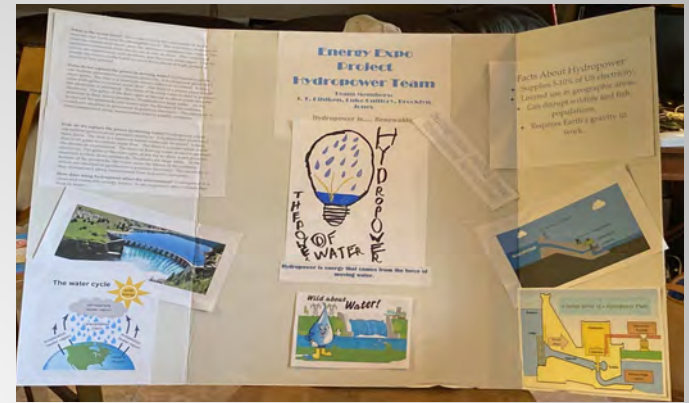
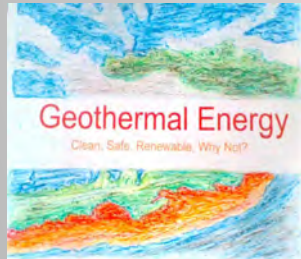
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<https://flipgrid.com/s/264ac76ef73f>

<https://flipgrid.com/s/81d5ff78b2fc>

<https://flipgrid.com/s/27b957e6b333>

<https://flipgrid.com/s/c1aa738a96c6>



Goal #2 : Three “R” Reuse, Reduce, Recycle Community Awareness Activities

- Educate all students recycling and Pepsico information and why we reduce solid waste (Talking Trash) Science 8th grade. Team Leaders: Evan Mathis and JT Kihlken. All science club members participate in Tuesday Recycle Day (each assigned a class or area to pick up recycling bins)
- Made Recycling Flyers with recycling information and had them posted in newsletter and handed out at community events, open house, and PTC.
- Recorded weekly recycling collection, sorted recyclables, and weighed solid waste material
- Created and Decorated collection site, monitored sites for Pepsico and funding factory items, and packaged and shipped items monthly or as needed.
- Kept detailed records on plastic and aluminum and uploaded to Pepsico and received for free 5 new 50-gallon plastic recycle bins and 12 30-gallon recycle cans for classroom teachers.
- Community involvement: City Team Green Mrs Thibodeaux, Ecycle day , Seafarers, SWLA Autism society
- At the Feast of St Margaret students handed out school recycling and collection flyers, made water bottle and can signs to encourage recycling , walked around with recycling containers collecting recycling
- Pick it up Calcasieu : Beach Sweep: Keep America Beautiful Event, Lakeshore drive waterway

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RESOURCES

- NEED's *Talking Trash and Mentoring and monitoring*
- Mayor's office, Jr. Team Green Mrs. Thibodeaux , Blake Trahan , Lake Charles Waste Management
- Mr. Charly School custodian
- Citgo: Pat Melancon
- Ms. Reeves Resources of websites and contacts.
- Funding Factory , Pepsico

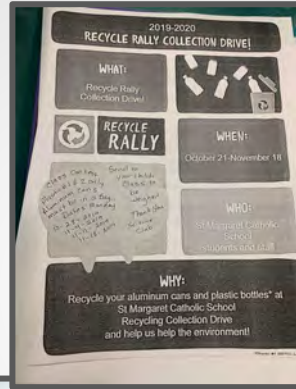
EVALUATION

Recycling Flyers posted in Viking Vine (280 families), Church Bulletin (3000 families), Call reach (275) Feast of St Margaret (250), PTC (150), and Open House(150)
Amount recycled

| Community | Feast of St Margaret | Pepsico / School recycle |
|--|---|---|
| <p>Mrs Thibodeaux and student team taught K-8th grade every other month on recycling</p> <p>Autism society collect thousands of Mardi Gras Beads to resale and fund summer camp</p> <p>Seafare : Upcycled hotel soaps for all incoming ships</p> <p>Ecycle Day: School saved all electronics for this day due Coronavirus only teachers participated</p> | <p>4/ 50 gallon trash bags Of PETE</p> <p>Competition continued 75; 30 gallon bags of PETE and 10; 50 gallon bags of aluminum</p> <p>Elementary class winner was Mrs Brignac</p> <p>Jr High class winner Sister</p> | <p>907lbs of plastic & 975.0 lbs. aluminum</p> <p>Cardboard and paper collected averaged to 700 pounds per week 19,000 pounds kept out of landfills</p> |

Recycling at School

Hi! I'm Draven. On Mondays, we pick up all recycling from all classes and deposit in school recycle center.



We Participate in Pepsico Challenge by recording every Tuesday the plastic, paper, and aluminum collected.

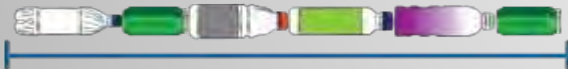


Pepsico Collection of Plastic and Aluminum

**Length of
PET # 1
Plastic**

9333.3 Feet

1.8 Miles



**Weight of
Aluminum**

975.0 Pounds

460.2 Kilograms



**Cubic Volume of
HDPE #2 Plastic**

333.6 Cubic Feet

236.6 Cubic Yards



Education on Recycling: Team Green



**J.T. and Evan
thanking Mrs. Thibodeaux
from the Mayor's office.
She came every other
month to teach K-8th
grade on recycling.**



<https://youtu.be/RD9GBKKCqIk>

<https://youtu.be/5osX5si0pgY>

<https://youtu.be/z5lkLhzvEOY>

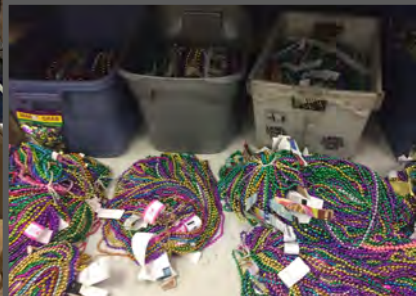
<https://youtu.be/jLyfGBshjME>

<https://youtu.be/q4etdgLK7iU>

Hi! I'm Xavier. The community collects Mardi Gras beads for Autism Gras beads for Autism SWLA, and we help bundle them to resale during Mardi Gras. These funds support summer camp so all children can attend for free!

Recycling for the Community

Ecycle Day
Teachers came out to load discarded computers and equipment.
Mrs. Reeves worked the event.



Recycling for the Community

KATELYN AND BROOKLYN
HAVE THE ORDER ALL TOGETHER.
DEACON LAFLEUR WILL BE SO
HAPPY TO HAVE SO MUCH TO GIVE
OUT AT THE SEAFARERS CENTER!



**Seafarers
Port of
Lake
Charles**



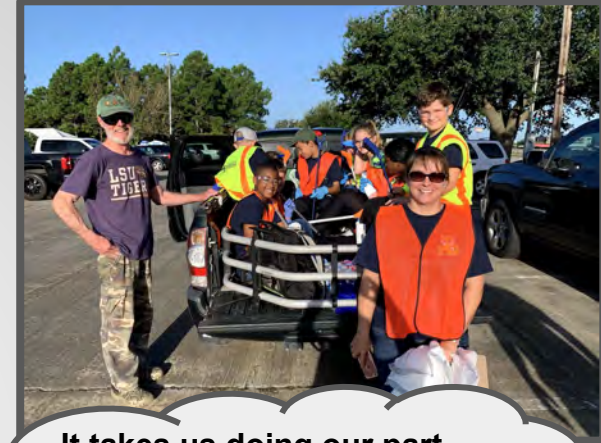
We collect enough items to make 100 gift bags

Pick it up Calcasieu

<https://youtu.be/q4etdgLK7iU>



Beach Sweep
Lake Charles



It takes us doing our part
to keep our
waterways clean.
Recycle, Lake Charles!

Team Green Keep Greater Lake Charles Beautiful
Team Green

Please complete the following information:

Organizational/Company Name: St. Margaret's Service Club

Designated Beach Sweep Area: Shell Beach, Derid

Time Interval: 8:30 Time End: 10:30

Total # of participants: 14 Youth 6 Adult

Event Field # 1000

of Members of Organization: 22 # of Volunteers: 10

of Members of Organization: 22 # of Volunteers: 10

Most common item: plastic, paper, food waste, metal

Please fill out this data information in your participant
can be received with King America Recycles.

Return to:
King America Recycles
Community Services Department
Lake Charles City Hall 1st Floor
300 N. Main Street
Lake Charles, LA 70601
Phone: (337) 483-2481 • Fax: (337) 483-1487
Email: info@kingamericarecycling.com





LOUISIANA GREEN SCHOOLS CHALLENGE

The Louisiana Green Schools Challenge entries are in! This semester has worked out in an unexpected way so we changed the format to be easier for schools to get recognition for what they were able to accomplish. We want to thank each teacher who helps bring great environmentally-minded projects to life with their students. We received nine entries this year. St Margaret Catholic School won a Elkay EZH2O bottle-filling stations for environmental awareness.

The Environmental Affairs Committee of the Chamber Southwest in conjunction with Calcasieu Parish Police Jury is inviting you to participate in its “Environmental Awareness Commercial Contest”.

<https://youtu.be/Yv3KoWIXbvl>

<https://youtu.be/PczfHKw0KHY>

<https://youtu.be/uHksKLecW9A>