LIPSCOMB ACADEMY
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PRIMARY DIVISION
Sponsors:
Becky Collins
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The Lipscomb Academy Elementary School Green Team is a group of K-4th grade students who regularly study and ‘grow deep’ to keep our school “Rooted in Energy.”

Education

Green Team Meetings

New growth was achieved during team meetings when members created a public service announcement. The team dug deep in discussion of the environmental pros and cons of our new school construction. We learned about the impact of water through experimentation. The wind was not taken out of the students when they played with wind energy.
Education

Budding interest in how their world works, Green Team members learned about electrical engineering in the new school construction from a professional Electrical Engineer, Ronald Reasonover (Nashville Electric Service).

Students branched out their learning with atomic energy while using marbles to simulate splitting nuclear atoms.
Education

Projects

Showing appreciation for our community is essential; but during the COVID-19 pandemic, it is even more important. The team collected and packed snack packs for first responders, who often are unable to stop work for a meal.

Team members created pumpkin catapults to experiment with potential and kinetic energy.
Education

Mask Making/Building
Edible Nuclear Atoms

The team was rooted in the cause for safety in their community. Students learned how to make fabric masks to share with those in need. We recycled old t-shirts into masks while meeting via zoom!

Edible nuclear atom building was a sustaining treat!
Education
Biomass Studies

The team members’ interests were on fire while they learned about biomass in the outdoors. Their spirits were renewed after the lesson too! (S’mores! Yum!) They were energized by the experience of discovering energy in a pumpkin.
Recycling

Regular Recycling - Pepsico

Throughout the school year, students and their families collect thousands of aluminum cans and plastic bottles to recycle through a Green Team partnership with Pepsico. Recyclables are kept out of the landfill and the team earns gift cards which are donated to those in need.
Recycling

Recycling despite new restrictions as a result of COVID-19

Nothing could sway the team from pushing ahead with their recycling this year.

Because of COVID-19, #5 containers were not accepted for recycling in Nashville. The Green Team assisted in collecting over 150 lbs of #5 containers, keeping them from the landfill. Also, containers like toothpaste tubes, dental floss, crayons, and markers were not accepted. The team rose above this problem, finding ways to continue the use of these items past their original intent. For example, dried out Crayola markers were placed in water to create watercolor for art classes and then the left over casings were sent for recycling.
Recycling

America Recycles Day

With a new year in bloom, the LAES 3rd Grade and Green Team hosted a community recycling event in March. America Recycles Day is typically scheduled in November; however, Covid-19 changed the timing. 310 vehicles from the community brought loads of electronics, outdated medicines, paper goods, and more. Many thanks to our partners: The Tennessee Attorney General's Office, Shred-it, Metro Nashville Police Department, Omega Electronics Recycling, Thrift Smart and Pepsico! Thousands of items were recycled that day.
Recycling

Award

Recycling is an evergreen focus of the Green Team. They were named 2020 Recycler of the Year by the Tennessee Recycling Coalition.
Outreach

Forestry Workshops

New growth happens when we discover nature in creative ways. The Green Team learned about tree growth by making tree cookies. Nothing is sweeter than a food-related lesson!

Mrs. Reasonover and Miss Collins led sessions at a TN state forestry workshop, teaching educators about tree rings and ‘life events’.
Outreach
Arboretum

It’s only natural that the Green Team partnered with a Green team Alumni, Garrett Warner, in his Eagle Scout project on our campus. He, along with Professional Landscaper Josiah Lockard and Biologist, Emily Jones, led us in work which will soon allow LAES to be certified as a Level 1 Arboretum.
Outreach
Walk for Water

With great strength, the Green Team and student body carried water like the children in underserved countries, who spend their days walking to a water source. Over $500 was collected to be used for a well repair.
Environmental Responsibility

Riparian Zone Clean Up

Team members discovered the impact of riparian zones on the environment. Trees and native grasses around the creek help prevent flooding and provide habitat for ‘campus critters’ and migrating animals. The team cleared trash and playground equipment from the creek.
Environmental Responsibility
Borer Beetle Project

This site, on the northern side of our campus used to be a thicket. It has been cleared for the planting of 2 tree groupings for the Borer Beetle project.

The Green Team is working with Karla Addresso, a biologist from Tennessee State University, on a $6 million multi-state grant to eliminate Apple Borer Beetles which destroy food commodities in the US. One group of trees will be mulched; one group will have ground cover thought to discourage beetle infestation. Green Team members will soon conduct the initial data collection needed for the project.