



Brockport Central School District



2023-24 Environmental Policy

4/16/2024

Ginther & Barclay School Highlights

Earth Day Recycling lessons - The Lorax and Michael Recycle.

STEAM Day Rain Gutter Regatta - Repurposing recyclables

Chicken Eggs incubation

Worm Scouts - Kindergarteners learned about interdependent relationships in Ecosystems.

Kindergarten Instrument Project - Students brought in recyclable items to create musical instruments

Exploring/cleaning Ginther courtyard pond

The Barclay gardening committee and students planted flowers and vegetables in raised beds in the courtyard.





Hill School Highlights

- Hill School bottle/can recycle program expanded to include the cafeteria.
- The Life Science group:
 - Composting worms that are fed organic scraps.
 - Discuss how to reuse and reduce waste to help our environment.
 - Created 3D printed hummingbird feeders that use recycled bottles in the design to hold the feeding liquid.
 - a mock oil spill its impacts on the environment and the clean up process.
- Fourth grade:
 - Taught the importance of renewable energy (solar, hydropower, wind) in science, and many classes made solar powered ovens.
 - Sustainable food & compost HMH reading module. Some classes planted tomato seeds as it focuses on the "farm to table" ideas.
- Fifth grade: students create soda bottle terrariums to learn about ecosystems and their science unit on clean water
- Art classes created recycled book project.
- Mr. Albrecht's students raise trout.
- Pioneer Day – students garden/weed around the school
- Students used recycled bottles and cans to help create their catapults as part of the fifth-grade catapult unit in STEM.

BHS Highlights



The High School Envirothon team is preparing to present on May 7th at the Monroe County Envirothon about a proposal to a hypothetical school district regarding placement of a new transportation facility compliant with the new electric bus mandate. Plan includes a solar farm.



Students are also studying aquatics, Forestry, soils, and wildlife.



Food Service

- As of 12/31/21 Brockport discontinued using Styrofoam.
- Using compostable trays and paper cups
- Investigating replacement of individually wrapped silverware with bulk
- Continuing to reduce food waste
- Continuing to scale down recipes to reflect previous amounts served
- Menu items to account for preferences (Secondary vs. Elementary)
- Offer vs. serve (allows students to have more choice in what they take)
- Purchase some food items from local NYS vendors.



Buildings & Grounds



- Researching vendor for white paper recycling after previous company discontinued service. Also using cardboard alternative during high waste periods.
- 2021 CIP energy reducing measures include: lighting controls, higher efficiency boilers, pneumatic to digital building controls higher R value roofing, LED street lighting.
- Upcoming 2023 CIP items for energy savings: LED lighting at five schools and Transportation Department; Roof reconstruction – increased insulation at High School and OMS; HVAC - Ginther Cooler and Freezer replacement ; Hill School Window replacements.
- Zero emission bus purchase & fleet transition/solar study.

Solar Study



- Revising the construction cost estimate to reflect the current market data.
- Reviewing options for excess power generation
 - Will change with electric buses
 - Host-Satellite billing - use power generated at the Transportation Facility to offset supply costs at the main campus
- Net metering
- Supply rate factors
 - Utility vs. 3rd party
 - Rate classes
 - Demand and SBC charges
- NYSERDA Incentives



Questions?