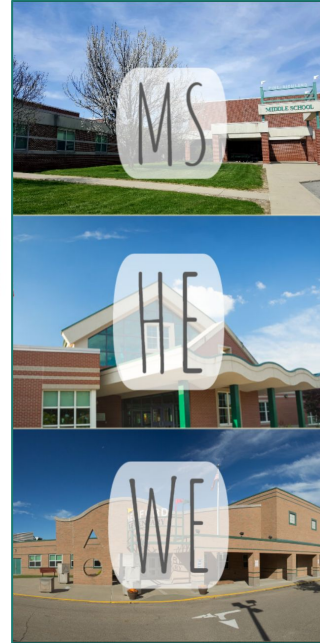




Sustainability
Leadership Council
October 17th, 2023





Agenda Overview

- The “Sustainability of Sustainability” (Strategic Plan)
- Measurements of Behavioral Change (Recycling Habits)
- Opportunities for this Year (Community Impact)
 - Involvement of Pine & Richland Townships
 - Community Events & Engagement





PINE-RICHLAND SCHOOL DISTRICT

Sustainability Leadership Council Membership

Mr. Joe Cassidy, PRSD Board	Mr. Zach Rice, Asst. Principal (EHUE)	Mrs. Dawn Herbst, Teacher (PRHS)	Dan Carnovale, Eaton Corporation
Dr. Matt Mehalik, PRSD Board	Dr. Greta Kuzilla, Principal (HES)	Mrs. Erin Carrabba, Teacher (PRHS)	Kelly Henderson, Chatham Eden Hall
Dr. Brian Miller, Superintendent	Mr. Jason Metro, Technology Department	Jessica Taylor, Parent (HES)	Jason Kratsas, Township of Pine
Dr. Michael Pasquinnelli, Asst. Superintendent	Mrs. Colleen McAndrew, STA Manager	Mike Barber, Parent (HES)	Pete Geis, Township of Pine Parks & Rec
Dr. Kristen Justus, Asst. Superintendent	Mr. Ryan Wilson, Sodexo Director	Kari Jones, Parent (RES; EHUE)	Melissa Williams, Richland Township Parks & Rec
Mrs. Dana Kirk & Mr. Chris Juzwick, Director(s) of Finance & Operations	Mrs. Nicole Ansell, Teacher (WEX)	Tanecia Redlinger, Parent (WEX)	Kirsten Primm, Township of Pine
Mr. Shawn Stoeber, Director of Technology	Mrs. Katie Laslavic, Teacher (HES)	Melissa Rawlins, Parent (WEX; EHUE)	Stephanie Olszewski, Township of Pine
Ms. Erin Hasinger, Director of Communications	Mr. Trent Matteson, Teacher (RES)	Heather Claycomb, Parent (RES; EHUE; MS)	<i>We are so happy to have you!!</i>
Mr. Jeff Zimmerman, Director of Facilities	Mrs. Joanna Sovek, Teacher (EHUE)	TBD , Parent (MS)	
Mr. Jamie Rucker, Asst. Director of Facilities	Mrs. Tara Hillegas, Teacher (PRMS)	Rebecca Luore, Parent (PRHS)	
Dr. Frank Hernandez, Principal (PRHS)	Mr. John Simko, Teacher (PRHS)	Jim Kosinski, Tower Engineering	
Dr. Dave Kristofic, Principal (PRMS)	Ms. MacKenna Krebs, Teacher (PRHS)	John Choma, Enerlogics	

Board

Administration

Key Partners

Teachers

Parents

Community Experts



Sustainability Leadership Council Membership

Kearsten Doyle (Grade 2 Student, HES)	Colton Gehrling (Grade 3 Student, WEX)	Elizabeth Beeghly (Grade 7 Student, PRMS)
Mark Choorapuzha (Grade 3 Student, HES)	Anna Boyles (Grade 4 Student, EHUE)	Sutton Shafer (Grade 7 Student, PRMS)
Larue Hanner (Grade 3 Student, HES)	Braya Valkavitch (Grade 4 Student, EHUE)	TBD (Grade 7 Student, PRMS)
Henry Haggerty (Grade 3 Student, HES)	Caroline Lattari (Grade 4 Student, EHUE)	Sarah Lattari (Grade 8 Student, PRMS)
Avery Cubberly (Grade 3, HES)	Alekhya Doddapaneni (Grade 6 Student, EHUE)	Anusha Chatterjee (Grade 8 Student, PRMS)
Santino Merante (Grade 2 Student, RES)	Noah Zandarski (Grade 4 Student, EHUE)	TBD (Grade 9 Student, PRHS)
Delia Jones (Grade 3 Student, RES)	Ziggy Kaminski (Grade 4 Student, EHUE)	Cameron Wincko (Grade 9 Student, PRHS)
Harrison Urbik (Grade 2 Student, RES)	Max Augustine (Grade 5 Student, EHUE)	Kaylee Koch (Grade 10 Student, PRHS)
Leilana Rios (Grade 3 Student, RES)	Michaela Buches (Grade 6 Student, EHUE)	Ben Lyons (Grade 12 Student, PRHS)
Charlie Mastalski (Grade 2 Student, WEX)	Jackson Weakland (Grade 6 Student, EHUE)	
Corinna Pastor (Grade 2 Student, WEX)		
Carter Rawlins (Grade 3 Student, WEX)		

Students

We are so happy to have you!!



The Sustainability of Sustainability

- Work of the 6-School Club
- Continued Messaging and Emphasis on Cultural Impact to Drive Values and Behavioral Change
- Success Indicators and Metrics Per Initiative (e.g. Recycling Efforts)

Long-Term #3 Promote sustainability and reduce the environmental footprint.

2023 - 2024	2024 - 2025	2025 - 2026	2026 - 2027
Continue and expand the student-based Six-School Club of the Sustainability Leadership Council for school-based curricular and co-curricular initiatives	Focus on improved health & wellness of school environments, students and staff using the Pathways to Green Schools as a guide. This would be achieved through reviewing operations and existing maintenance practices within the facilities department and including environmental awareness in the student curriculum.		Focus on improved effective environmental health & sustainability education by utilizing the Pathways to Green Schools guidance - pillar three - focused on effective environmental and sustainability education.
Further explore energy efficiency/environmental impact in all relevant purchasing/procurement processes and major capital projects and improvements with a focus on fiscal responsibility (e.g., roof replacements, potential alternative energy sources, such as green energy supplier, solar and electric vehicles, cleaning products, lighting, and HVAC upgrades). Monitor changes in payback periods as the technology in the field continues to evolve.			
Issue invitation for competitive bid - trash and recycling vendor with a sustainability focus (current agreement expires June 30, 2024)	Integrate new agreement within the school district (with either a new vendor or continued relationship with existing vendor)	Expand recycling initiative and implement measures of recycling and reduction in environmental footprint and focus on paperless platforms	Continue expansion of electronic document management systems for the collection and storage of information.



Guidelines to Assist with School Sustainability

US Department of Education Green Ribbon Schools (WE, EH, HE)

FOCUS ON PILLAR 1

- Pillar 1: Reduced Environmental Impact and Costs
 - **Energy conservation and efficiency; (Turn off/down the lights)**
 - **Improved water quality, efficiency and conservation; (Annual testing protocols in place)**
 - **Reduced waste production, improved recycling and composting programs; (Reduce plastic bottles; Increase availability of water bottle filling stations; Recycling effectiveness end-to-end in all buildings)**
 - **Use of alternative transportation to, during and from school. (EV Bus Pilot at PRSD with STA)**
- Pillar 2: Improved Health and Wellness of Schools, Students, and Staff
 - Integrated school/district environmental health program
 - High standards of nutrition, fitness and outdoor time
- Pillar 3: Effective Environmental and Sustainability Education
 - Interdisciplinary learning about the key relationships between dynamic environmental, energy and human systems;
 - Use of the environment and sustainability to develop STEM content knowledge and thinking skills; and
 - Development and application of civic engagement knowledge and skills.





PINE-RICHLAND SCHOOL DISTRICT

Pine & Richland Township Partnerships





PINE-RICHLAND SCHOOL DISTRICT

Recycling Township Partnerships





Township Partnerships (Recycling; Earth Day)

WHAT TO DO WITH YOUR GLASS IN THE TOWNSHIP OF PINE

1 Use the glass recycling bin at the Township Building



Can recycle glass bottles, jars, and jugs of any color

Glass does not need to be washed

Free for everyone (residents and visitors)!

Convenient, contact-free, self-serve and open 24/7

Glass is efficiently and quickly recycled

Labels and lids don't need to be removed (and these also get recycled!)

2 Use Vogel Disposal glass collection at your home



No need to travel or drive to recycle glass - it's picked up at your house

Glass is repurposed to line landfills, but is not recycled

Glass must be pre-washed with labels and lids removed

Accepts clear, brown, amber, and green glass



How to use the Township's Glass Recycling Bin

Utilize the Township's new program available to residents and visitors!

- 1 Save glass bottles, jars, and jugs of any color (remember - you don't need to wash the glass or remove lids or labels)
- 2 Take your saved glass to the blue recycling bin in the Township Building parking lot (230 Pearce Mill Rd., Wexford, PA)
*the bin is open 24/7, 365 days a year
- 3 Carefully place glass inside the bin - if you need to clean up, utilize the hand broom and dust pan provided on the side of the bin
- 4 You're done! Enjoy your day and save your glass to continue recycling!





PINE-RICHLAND SCHOOL DISTRICT

Township Partnerships (Recycling; Earth Day)



**Recycle your old Christmas
lights at the Township Building
and Pine Community Center**

November 18-January 31



Cardboard Recycling

RECYCLE CLEAN, DRY, &
FLATTENED CARDBOARD IN THE
BACK LOT OF THE TOWNSHIP
BUILDING!





PINE-RICHLAND SCHOOL DISTRICT

Township Partnerships (Recycling; Earth Day)



e-Waste Recycling



BIN LOCATIONS

Township of Pine Municipal Building
230 Pearce Mill Road
Wexford, PA 15090

Pine Community Center
100 Pine Park Drive
Wexford, PA 15090



What can you recycle
in the e-Waste
recycling bins?



- Computers, laptops, tablets, and servers
- Keyboards, mice, power supplies, motherboards/circuit boards, cables, speakers, CDs, DCDs, tape, floppy drives, computer wires, hard drives, computer fans
- Monitors & screens
- Routers, modems, cabling
- VCRs/DVD players, gaming systems, cable boxes, radios
- Printers, copiers, scanners, ink & toner cartridges
- Air conditioners & dehumidifiers





2024 EARTH DAY EVENT

SATURDAY, APRIL 27, 2024
11 AM - 6 PM

A free, family-friendly event for all ages featuring:

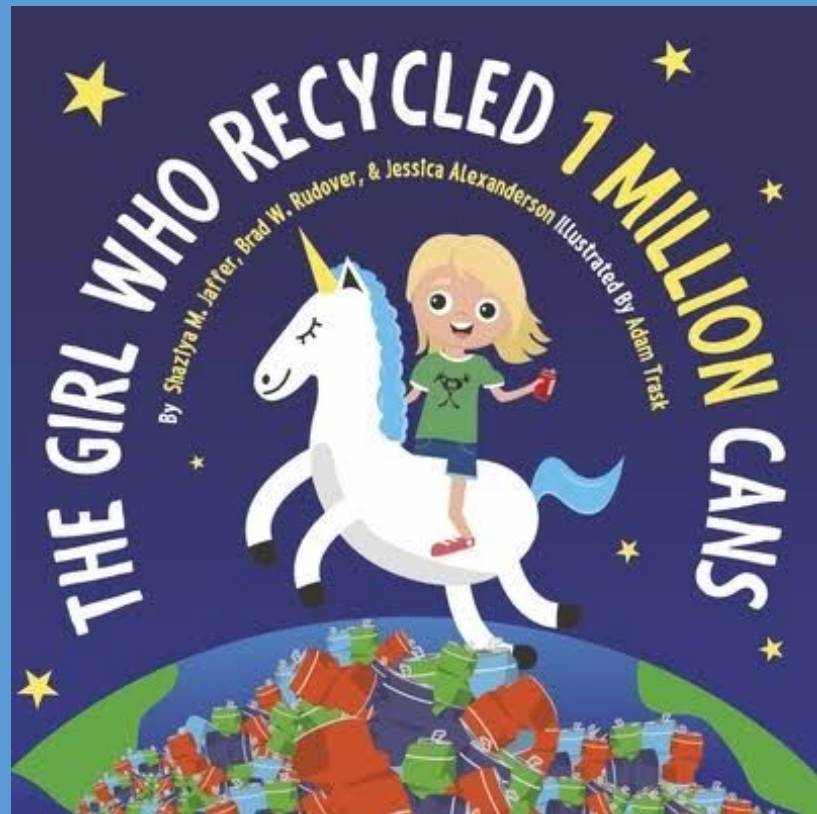
- local vendor market
- environmental workshops and activities
- scrap metal, glass, aluminum, & christmas light recycling
- food trucks
- freebies & giveaways
- AND MORE!



SCRAP
UNIVERSITY
KIDS



Earth Day Celebration

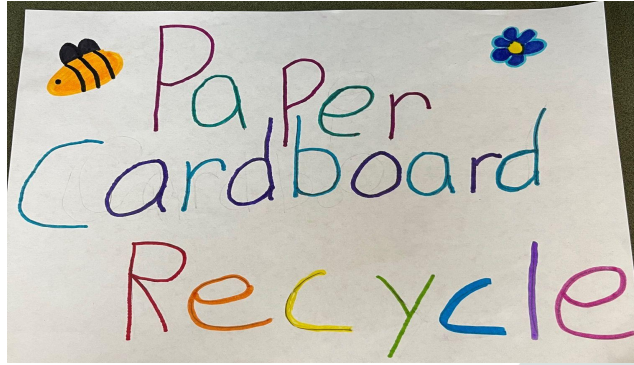




PINE-RICHLAND SCHOOL DISTRICT

Hance Elementary School

2023-2024 Recycling Team



“Focused on learning for every student every day.”

702 Warrendale Rd., Gibsonsia, PA 15044



PINE-RICHLAND SCHOOL DISTRICT

Richland Elementary School

We've continued but expanded our **Recycling Crew** - still an emphasis in the classroom. Students are planning to work with custodians to spray paint one large bin to focus on recycling in the cafeteria!

Other current initiatives:
Proposal to PTO for an after school art club with recycled materials to promote at Earth Day event.

Clean up the park day planning.

Video reminders of what goes into the recycling bins for announcements to support Miss Sloan's daily reminders!



<< Harrison Urbik and Santino Merante are the two second graders who joined our "crew" with Mrs. Zafar and >> 3rd graders Dede Jones and Leilana Rios. They collect recycling on Tuesdays and Fridays in all classrooms and the office.



"Focused on learning for every student every day."

702 Warrendale Rd., Gibsonia, PA 15044



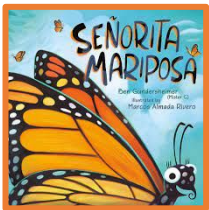
PINE-RICHLAND SCHOOL DISTRICT

Wexford Elementary School



A new
playground.
Plant two
trees.

Butterflies
need
milkweed
and flowers.



Reducing the use of
plastic at lunch.

Cafeteria

- **One spoon**
- **One fork**
- **One straw**



Old books are donated to
our Little Free Library.



“Focused on learning for every student every day.”

702 Warrendale Rd., Gibsonia, PA 15044



Eden Hall Upper Elementary School

- Students are beginning to research ways that all students and staff in the building can do small items that make a big difference in sustainability. They will present these tips on announcements monthly.
- Students are going to begin assisting with our Shoe Recycling Drive by promoting the drive and processing shoes that are donated.
- Staff are being asked to check to ensure that every room has a recycling bin. Students are creating signs to help everyone learn what can be recycled and what cannot.
- We are attempting to partner with Boy Scouts to develop a composting system within our cafeteria.
- Students are planning on presenting to our art teachers an idea for creating a project made from recycled materials only



Pine-Richland Middle School

- Talk to Mrs. Murslack about getting the information about recycling events with Pine Township on the morning announcements; more repetitive as we get closer to the dates
- Art - could make something out of glass, use your imagination to create anything; have to talk to Mr. Joseph and Mrs. Angeloff about adding glass to the art curriculum.
- Combine leadership club, ecology club, and student government





Pine-Richland High School

- Reach out to art club about collaboration
- Add signage and work with PRTV to promote recycling
- Adding trash and recycling bins to the stadium, especially in student section
- Possible recycling plant tour





PINE-RICHLAND SCHOOL DISTRICT

Pine-Richland Electric School Vehicle Event



Duquesne Light Company and Student Transportation of America

October 24th from 10 AM until 11 AM

Electric School Vehicle Event

Bus Ride, Media Coverage, Celebration

Open to our 6-School Club Students and Families

Please contact Dr. Justus if you're interested in participating as a community member on our Sustainability Leadership Council as well.



PINE-RICHLAND SCHOOL DISTRICT

Recycling Initiative Expansion

Cafeterias



Large Events

“Focused on learning for every student every day.”

702 Warrendale Rd., Gibsonia, PA 15044

