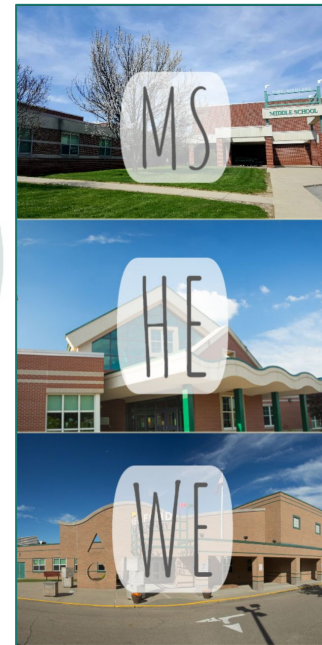


A central graphic featuring a globe with a green recycling symbol. The text 'Sustainability Leadership Council' is written in a dark red serif font, with 'Sustainability' in a smaller font size. Below it, 'May 24th & 31st 2023' is written in a black serif font. The background is a light green gradient.

Sustainability
Leadership Council
May 24th & 31st
2023





PINE-RICHLAND SCHOOL DISTRICT

Agenda Overview

- **Sodexo Leadership/Sustainability Membership Change**
- **The “Sustainability of Sustainability” (Strategic Plan)**
- **Measurements of Behavioral Change (Recycling Habits)**
- **Electric Vehicle Updates**



“Focused on learning for every student every day.”

702 Warrendale Rd., Gibsonsia, PA 15044



PINE-RICHLAND SCHOOL DISTRICT

Sustainability Leadership Council Membership

Mr. Joe Cassidy, PRSD Board	Dr. Joe Domagala, Asst. Principal (EHUE)	Braya Valkavitch (Grade 3 Student, HES)	Ben Lyons (Grade 11 Student, PRHS)
Dr. Matt Mehalik, PRSD Board	Dr. Greta Kuzilla, Principal (HES)	Caroline Lattari (Grade 3 Student, RES)	Julia Phillips (Grade 12 Student, PRHS)
Dr. Brian Miller, Superintendent	Mr. Jason Metro, Technology Department	Delia Jones (Grade 2 Student, RES)	Jessica Taylor, Parent (HES)
Dr. Michael Pasquinelli, Asst. Superintendent	Mrs. Colleen McAndrew, STA Manager	Noah Zandarski (Grade 3 Student, WEX)	Kari Jones, Parent (RES)
Dr. Kristen Justus, Asst. Superintendent	Mr. Ryan Wilson, Sodexo Director	Ziggy Kaminski (Grade 3 Student, WEX)	Melissa Rawlins, Parent (WEX)
Mrs. Dana Kirk, Director of Finance & Operations	Mrs. Nicole Ansell, Teacher (WEX)	Max Augustine (Grade 4 Student, EHUE)	Heather Claycomb, Parent (EHUE)
Mr. Shawn Stoebener, Director of Technology	Mrs. Katie Laslavic, Teacher (HES)	Michaela Buches (Grade 4 Student, EHUE)	Rebecca Lucore, Parent (PRHS)
Ms. Rachel Hathhorn, Director of Communications	Mr. Trent Matteson, Teacher (RES)	Sutton Shafer (Grade 6 Student, EHUE)	Jim Kosinski, Tower Engineering
Mr. Jeff Zimmerman, Director of Facilities	Mrs. Joanna Sovek, Teacher (EHUE)	Jackson Weakland (Grade 5 Student, EHUE)	John Choma, Enerlogics
Mr. Jamie Rucker, Asst. Director of Facilities	Mrs. Tara Hillegas, Teacher (PRMS)	Anusha Chatterjee (Grade 7 Student, PRMS)	Dan Carnovale, Eaton Corporation
Dr. Frank Hernandez, Principal (PRHS)	Mr. John Simko, Teacher (PRHS)	Cameron Wincko (Grade 8 Student, PRMS)	Kelly Henderson, Chatham Eden Hall
Dr. Dave Kristofic, Principal (PRMS)	Anna Boyles (Grade 3 Student, HES)	Kaylee Koch (Grade 9 Student, PRHS)	Jason Kratsas, Township of Pine

We are so happy to have you!!

Board

Administration

Key Partners

Teachers

Students

Parents

Community Experts



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.





Planned Actions by USDOE Green Ribbon Schools Pillar & Promotion through 6-School Club Leaders & Council Membership

Pillars	K-3	4-6	7-8	9-12
#1: Reduced Environmental Impact & Costs	<ul style="list-style-type: none"> IAQ & Water Testing Waste Reduction Competitions During Grade Level Lunches Turning Off/Down Classroom Lights Reusable Bottles & Bags Recycling Efforts Student/Staff Pledge STA & Sodexo Partnership 	<ul style="list-style-type: none"> IAQ & Water Testing Waste Reduction Competitions During Biome/Grade Lunches Turning Off/Down Classroom Lights Reusable Bottles & Bags Recycling Efforts Student/Staff Pledge STA & Sodexo Partnership 	<ul style="list-style-type: none"> IAQ & Water Testing Waste Reduction Competitions During Grade Level Lunches Turning Off/Down Classroom Lights Reusable Bottles & Bags Recycling Efforts Student/Staff Pledge STA & Sodexo Partnership 	<ul style="list-style-type: none"> IAQ & Water Testing Waste Reduction Competitions @ Lunch Turning Off/Down Classroom Lights (Scheduled Blackouts) Reusable Bottles & Bags Recycling Efforts Student/Staff Pledge STA & Sodexo Partnerships
#2: Improved Health and Wellness of Schools, Students, & Staff	<ul style="list-style-type: none"> Water bottle filling station installation efforts Brain Breaks/Fitness Efforts Partnerships with Sodexo for Nutrition Outdoor Classroom Usage Screen Time Considerations 	<ul style="list-style-type: none"> Reinforce Use of water bottle filling (hydration) Brain Breaks/Fitness Efforts Partnerships with Sodexo for Nutrition Outdoor Classroom Installation Efforts with Community Partners Screen Time Considerations 	<ul style="list-style-type: none"> Water bottle filling station installation efforts Brain Breaks/Fitness Efforts Partnerships with Sodexo for Nutrition Use of Courtyard Area & Outdoor Opportunities Screen Time Considerations 	<ul style="list-style-type: none"> Water bottle filling station installation efforts Brain Breaks/Fitness Efforts Partnerships with Sodexo for Nutrition Use of Courtyard & Outdoor Opportunities Screen Time Considerations
#3: Effective Environmental & Sustainability Education	<ul style="list-style-type: none"> RAMS Way Incentives for Sustainable Efforts Children's Literature (books) Embedded in Science and Class Meetings & PSAs Home/School Connections with Energy & Water Usage 	<ul style="list-style-type: none"> RAMS Way Incentives for Sustainable Efforts Children's Literature (books) Videos for K-3 Students Science Lessons (Grade 4 - Energy; Grade 5 Water) Eaton Partnership through ECP 	<ul style="list-style-type: none"> RAMS Way Incentives for Sustainable Efforts Science Lessons & Connections PRTV Student-Lead Announcements and Segments 	<ul style="list-style-type: none"> RAMS Way Incentives for Sustainable Efforts Eaton Partnership through ECP (Big Data Set Analysis) PRTV Student-Lead Announcements and Segments



Recycling Initiative “To Do” Chart by Grade Span

<p><i>Actions -----></i></p> <p><i>Buildings</i></p>	<p><i>Recycling Messaging</i></p>	<p><i>Recycling Success Indicators/Metrics?</i></p>	<p><i>How do we Sustain a Focus on Sustainability?</i></p>
<p><i>Hance</i></p>	<p>Morning announcements, reminders around the building (light switches, posters), celebration of Earth Day with a focus on recycling and upcycling Signs on the recycling cans that tell you what to recycle. Every building having a sustainability wall with books and a lego set.</p>	<p>Waste free lunch days (# of garbage bags versus amount in recycling), number of bags of recycling weekly. Announcing amounts recycled on the announcements Having a chart up on a main bulletin board to show progress.</p>	<p>Being respectful to the Earth through RAMS Way (embed lessons at beginning and middle of year to reinforce).</p> <p>Green thumb award - nominate those that are showing sustainability behaviors (building/district) and partner with a greenhouse to have a plant donated to them or have a green thumb wall for acknowledgement (green thumbprint and signature of staff/student)</p> <p>Having 3rd graders make announcements to create excitement about recycling.</p>
<p><i>Richland</i></p>	<p>Morning announcements monthly to message about upcycling. Art class to create a full building upcycled project. Possible shoutouts for recycling in the classrooms based on how much is in the blue bins!</p>	<p>The Sustainability Club recycling efforts will gain members and determine whether we need to go beyond 2 days/week of collection based on amount.</p>	<p>Art project for sustainability and upcycling; embedding sustainability behaviors into RAMS Way; large visual posters; possible after school programs supported by PTO!</p>
<p><i>Wexford</i></p>	<p>Morning Announcements, sticker signs to adhere to strategic spaces, 3rd grade Student Voice Team will speak to homerooms in September and January. Continue the Library monthly table display for themed books that our students can borrow.(example: Our Planet by Stacy McAnulty)</p>	<p>3rd grade Student Voice Team will monitor recycle processes and composting. Lunch Monitors will supervise Cafeteria Captains during the weekly composting and recycling at lunch.</p>	<p>3rd grade Student Voice Team will present to the PTO each September and also create the announcement slides. The PTO will continue with the Garden Volunteer Committee to sustain the space.</p>



Recycling Initiative “To Do” Chart by Grade Span

<i>Actions -----></i> <i>Buildings</i>	<i>Recycling Messaging</i>	<i>Recycling Success Indicators/Metrics?</i>	<i>How do we Sustain a Focus on Sustainability?</i>
<i>Eden Hall</i>	Morning announcements, some signage around the building regarding recycling and conserving electricity; Provide additional information regarding effectiveness and benefits of recycling	Recycling club 2 days a week at Explore (includes 4th and 5th graders); Providing information on the announcements; checking all classrooms to make sure there are recycling bins in all rooms.	Take the conversations and projects that occur in GATE classrooms and share with students in the biomes; look at adding a sustainability club @ Explore (includes planting, posters, celebrations recognizing events like Earth Day); look at other ways we can branch out the topic of sustainability such as health and well-being, energy efficiency, etc.
<i>Middle School</i>	Students made and posted light switch signs to conserve electricity and to inform	Our ecology club installed raised beds during the 22/23 school year. The club utilized the greenhouse to raise household flowers and tomato/garlic/onion plants. These plans have transferred to our raised beds in the courtyard.	During the 2023-24 school year we will work closely with our ecology and leadership clubs to further advance the sustainability efforts at PRMS (lights, recycling and gardening).
<i>High School</i>	Single stream announcement Weekly emails	High morning recycling attendance Recycling bins are often nearly full when collected weekly	Work on creating some lesson plan during an activity period focused on Sustainability. Ensure that all teachers have some standard procedure in order to make sure no electricity is wasted, all lights turned off, etc...



PINE-RICHLAND SCHOOL DISTRICT

Electric Vehicle Fleet Additions & Training



“Focused on learning for every student every day.”

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