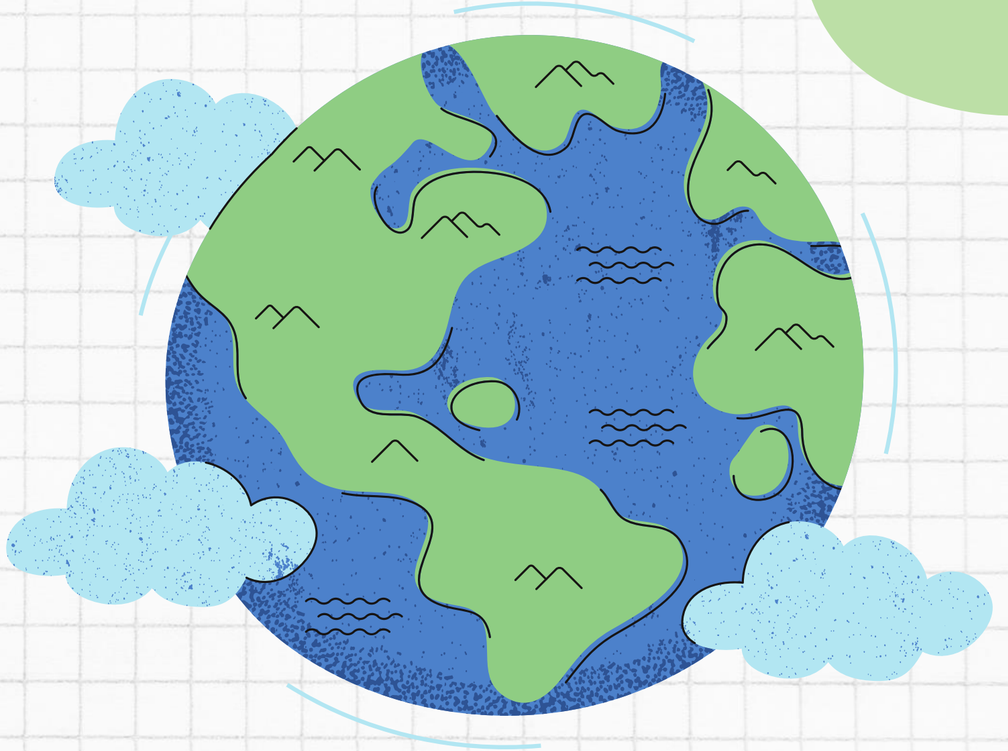
BSD Sustainability Design Team



November 13th Meeting

Land Ackowledgment

- We acknowledge that we are on the indigenous lands of the Coast Salish peoples who include the Duwamish, Muckleshoot, and the Snoqualmie peoples.

- We thank these caretakers of this land who have lived and continue to live here since time immemorial. We reflect on the historic context that brings us to reside on this land and accept responsibility to interrupt erasure.

- We are committed to our ongoing partnership with the Snoqualmie Tribe as we listen to, learn from, and lead with their guidance.



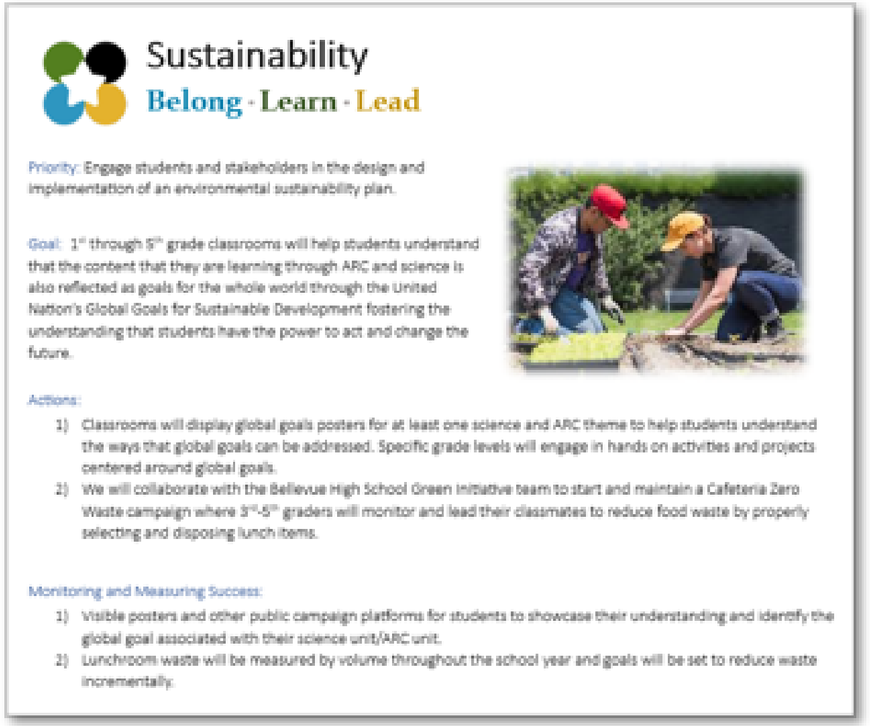
Opening

- Get to know your neighbors
- Recap from the last meeting
- Agenda for today - we will be listening to the school improvment plans from an elementary and high school as well as the city of Bellevue.

Sustainability School Improvement Plans

SCHOOL GOAL: Each school shall create a plan to increase awareness and take action toward sustainability goals. Student engagement and leadership in the development and implementation of these plans will be prioritized.

- Develop a sustainability plan at each school utilizing significant student voice and leadership in both the development and implementation of the plan. Include at least one goal in the School Improvement Plan.
- Incorporate sustainability practices into existing school activities and events.
- Develop a professional development plan for educators on sustainability.



Sustainability

Belong · Learn · Lead

Priority: Engage students and stakeholders in the design and implementation of an environmental sustainability plan.

Goal: 1st through 5th grade classrooms will help students understand that the content that they are learning through ARC and science is also reflected as goals for the whole world through the United Nation's Global Goals for Sustainable Development fostering the understanding that students have the power to act and change the future.

Actions:

1) Classrooms will display global goals posters for at least one science and ARC theme to help students understand the ways that global goals can be addressed. Specific grade levels will engage in hands on activities and projects centered around global goals.
2) We will collaborate with the Bellevue High School Green Initiative team to start and maintain a Cafeteria Zero Waste campaign where 3rd-5th graders will monitor and lead their classmates to reduce food waste by properly selecting and disposing lunch items.

Monitoring and Measuring Success:

1) Visible posters and other public campaign platforms for students to showcase their understanding and identify the global goal associated with their science unit/ARC unit.
2) Lunchroom waste will be measured by volume throughout the school year and goals will be set to reduce waste incrementally.

High Schools

Goals:

- Reducing resource consumption (such as electricity)
- Promoting student engagement
- Fostering community involvement in sustainability initiatives

Actions:

- ❑ Awareness campaigns
- ❑ Student-led initiatives
- ❑ Dedicated sustainability groups
- ❑ Hands-on environmental projects

Measuring Success:

- ✓ Reductions in resource usage
- ✓ Engagement metrics (like attendance in clubs)
- ✓ Qualitative feedback from student focus groups
- ✓ Some schools use specific indicators, such as electricity consumption data or goal-oriented milestones.

Example:

Bellevue High School has a goal to reduce building electricity usage while increasing student engagement in sustainability. Their actions include revamping a "Turn Off the Lights" campaign, with students actively reminding peers to save energy. They measure success through electricity consumption data, checking if there's a quantifiable reduction over the school year.



Goals:

- Forming Green Teams promote school-wide sustainability practices
- Enhancing student leadership
- Creating active environmental teams

Actions:

- ❑ Recruiting students for Green Teams
- ❑ Organizing educational activities
- ❑ Managing cafeteria recycling and waste initiatives

Measures:

- ✓ Attendance records for Green Team meetings
- ✓ Monthly observations of waste management
- ✓ Energy usage monitoring

Middle Schools

Example:

Highland Middle School set a goal to activate a "Green Genius Team" that educates students on recycling and sustainable cafeteria practices.

The Green Team will implement campaigns and will measure food and waste sorting behaviors monthly to evaluate program effectiveness.



Goals:

- Reducing food waste
- Promoting healthy lifestyles
- Introducing recycling initiatives in classrooms.

Actions:

- Sustainability posters
- Workshops on food waste reduction
- Organizing recycling programs

Measures:

- Visible engagement indicators (e.g., posters)
- Pre- and post-assessment of students' sustainability knowledge
- Regular collection logs for waste and food-sharing programs

Elementary Schools



Example:

Ardmore Elementary encourages classrooms from first through fifth grade to display global sustainability goals and actively participate in recycling.

Teachers assess progress through weekly checks of students' knowledge on recycling and their active participation in classroom recycling tasks.



Reflect and Connect

Discuss

Break



School Improvement Plans (SIP)

Elementary School

CHERRY CREST ELEMENTARY SCHOOL

BRITT HEATH

High School

BELLEVUE HIGH SCHOOL

ARIANNA
ALLY
ISAAC
FILIPE

Breakout Discussion

Q1: What are the best practices that could be replicated at every school of this level?

Q2: What are key steps to increase adoption at schools?

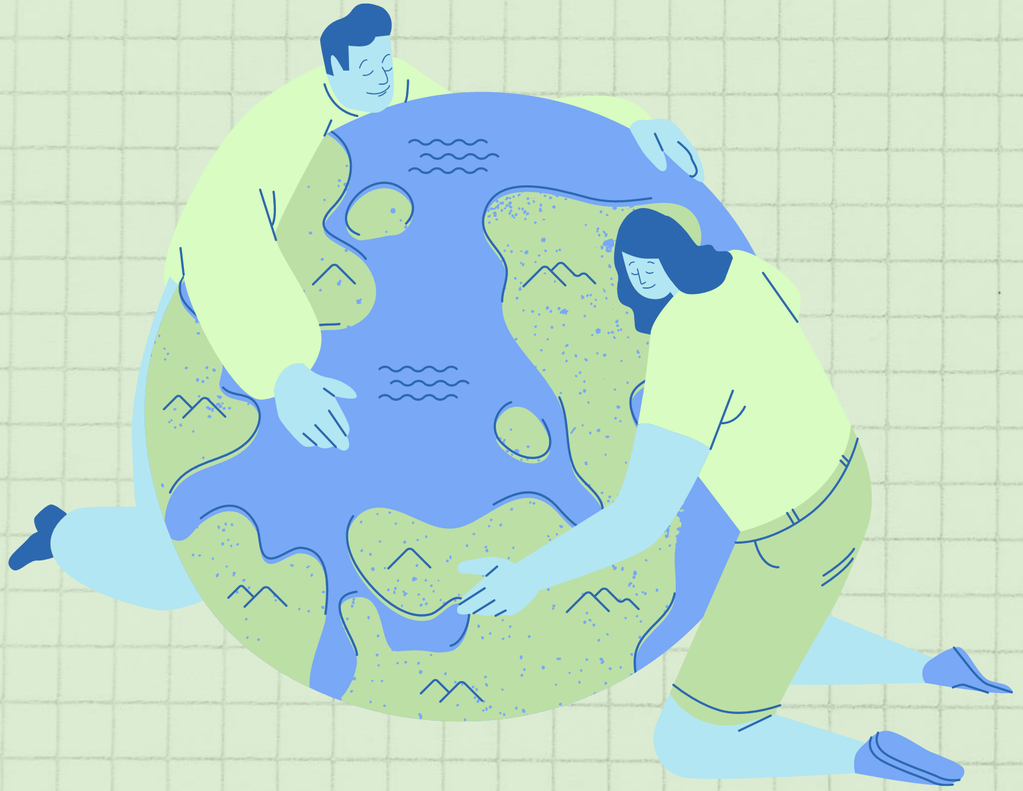
Q3: What could the district, school community, and/or students do to help?

- Write down names of people in your group who are interested in helping us get this information out to schools

Report Out

- **Highlights from each presentation**
- **Something new you learned**
- **Something you could implement in your school/community**

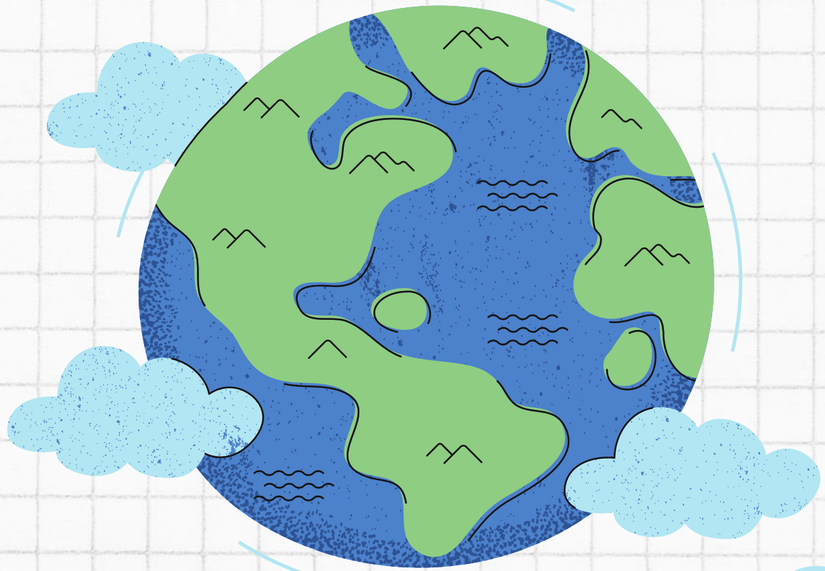
Interested in helping plan Earth day events for BSD?



Fill out this form

Thank you!

Next Meeting: December 11



Cookie



+



Socialize

City of Bellevue Slides

Note: There is no formatting on later slides; all content is still included

City of Bellevue Programs in partnership with Bellevue school district



Introductions

Bethany Kogut, City of Bellevue
Conservation & Outreach Program Administrator
Utilities, City of Bellevue
(she/her)

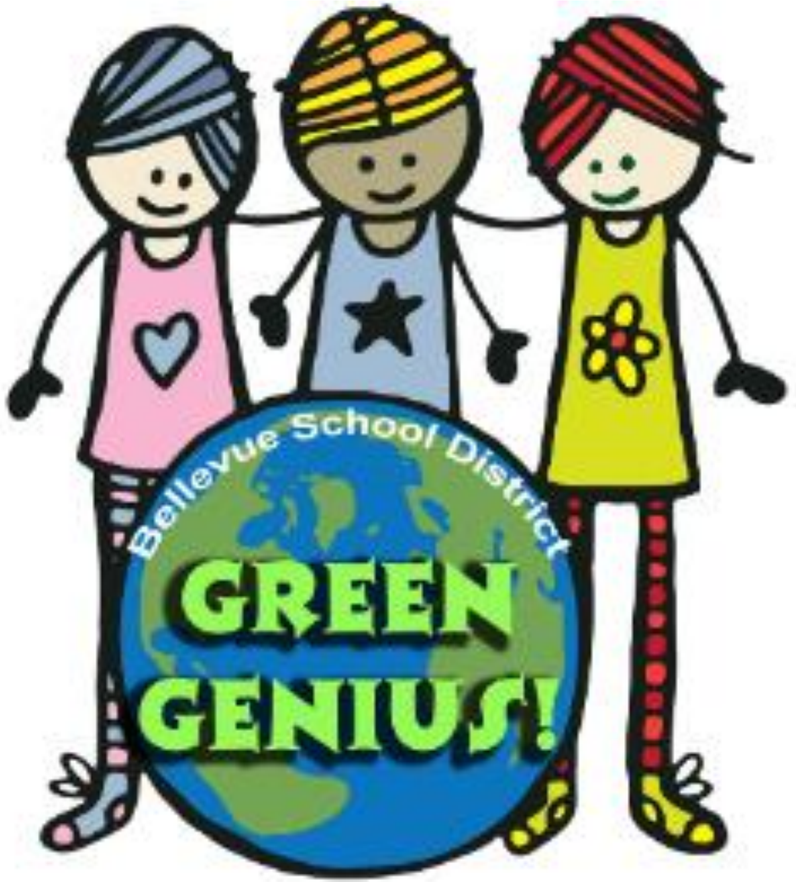
Sam Wilder, Consultant for City of Bellevue
President of Wilder Environmental Consulting (WEC) since 2002
(she/her)

City of Bellevue and Bellevue School District

City of Bellevue has partnered with BSD since 2003 and continues to.

Some of the City offerings (Utilities only-other City departments have offerings)

- Workshops and assemblies- Triangle (contractor)/City
- Educational materials online – Triangle/City
- Tabling parent events- WEC (contractor)/City
- Technical assistance with custodial, cafeteria, service levels, education to students in cafeteria (WEC/City) working closely with District including Nutrition services
  - This deck will focus on the yellow point.
  - This all includes annual waste tracking and assistance with right sizing dumpsters



BSD/COB Partners

Bellevue School District
Wendy Weyer: Nutrition Services Director
Corey Green: Facilities and Maintenance Manager
Chris Hoogstad: Custodial Manager

City of Bellevue Utilities
Bethany Kogut: Conservation and Outreach Program Administrator, As of 2024

Wilder Environmental Consulting (WEC) Sam Wilder: consultant for the City of Bellevue

Green Genius Requirements

- All schools reached all levels of King County Green Schools Program in 2011.
- In 2011/2012 To raise the bar and keep schools involved, City of Bellevue and Bellevue School District formed their own annual set of program requirements: the Green Genius program.
- School teams were required until 2020 to match these requirements each year.



GREEN GENIUS PROGRAM

Goals for 2019-2020

Sam Wilder, for City of Bellevue, will meet with your school in September or October to cover this program. Throughout the year, "check off" required items as they are completed. Please complete goals and **turn in this form by May 1, 2020** to Sam Wilder **swilder@wilderenvironmental.com** (206-949-1787) on behalf of the District and the City. We appreciate your commitment to resource conservation.

School Name: _____ Principal: _____

September/October, 2019:

Form a Green Team. Include staff, administration, and parents if possible. Loop in staff from cafeteria and custodial.

See our handout "How To Form A Green Team" for tips.

- ☐ At least six members.

  Chairperson:_____ Member:_____

  Member: _____ Member:_____

  Member: _____ Member:_____

- ☐ Meet at least 4 times throughout the year- including the first meeting at the beginning of the year.
  Fill in dates here: _____ _____ _____ _____

Recycling and Composting – *if you need any of the following supplies, please let Sam Wilder know. The City of Bellevue can typically provide these.*

- ☐ Form a team, plan, and participate in the cafeteria challenge in November.
- ☐ Confirm that recycling containers are in all classrooms with appropriate signage. Consider emailing staff to find out if containers for recycling are needed.
- ☐ Confirm that recycling and composting containers are in the cafeteria with appropriate signage.
- ☐ Elementary Schools: Play the foodcycle video for all students either in the cafeteria, in classes or for morning announcements: www.bellevuefoodcyclevideo.com
- ☐ Secondary Schools: Announce recycling and composting expectations during the first month of school through morning announcements or in the cafeteria during lunch.
- ☐ Use reusable utensils, reusable trays or compostable trays if available to your school and coordinated through nutrition services.
- ☐ Encourage students to only take what they will eat. Put up new posters with this information in the cafeteria.
- ☐ Participate in the Food Share collection program. This program collects unopened food from lunch to donate to local food banks. If your school is not participating, but is interested, please contact Nancy Larson at larsonn@bsd405.org. **Schools must coordinate through the District to participate.**

Energy Conservation

- ☐ Classroom projectors are turned off when not in use and set to energy saving modes:
  - Dell: Menu>eco mode: on, Menu> power saving: yes
  - Epson: Menu>Settings>brightness control> high/low or Menu>Settings>Power Consumption>Eco

Throughout the school year 2019/2020 – completed by April, 2020:

Education and Outreach

Handouts and wording for announcements are available from Sam Wilder (City of Bellevue)

- ☐ Once a month, Principal or designee sends reminders to staff and students about recycling, waste reduction, energy conservation, and water conservation through a newsletter article, PTSA newsletter, web note, morning announcements, assembly mention, or staff meeting mention. What was done?

  _____

  _____

- ☐ Green Team and/or students plan and conduct school wide outreach about recycling, waste reduction, energy conservation or water conservation. If your school participates in a Cafeteria Challenge contest- this will fulfill this goal (examples: presentations, Green Week, games, posters, movie night.) What was done?

  _____

  _____

  _____

  _____

Water Conservation

- ☐ Student groups check for and reports leaks (dripping faucet, running toilet, irrigation issues, etc.)

SchoolPool

- ☐ Promote riding the bus, carpooling, biking, or walking to school. Ideas and assistance: http://www.chooseyourwaybellevue.org/school-programs

Energy Conservation

- ☐ Staff and students continue and sustain energy reduction practices from 2019-2020 school year.
- ☐ Before school breaks- such as mid-winter break, winter break and spring break, Principal or designee reminds staff of "classroom and office conservation check list" (below)

Classroom & Office Conservation Check List For School Breaks

Heat

- ☐ Vents: Prevent vents from being blocked. Keep materials off of vents and do not stack materials in front of them.
- ☐ Animals and Plants: Take plants and animals that require warmth or attention home with you.
- ☐ Space Heaters: If you have an authorized space heater, make sure it is unplugged. When left unattended these can pose a safety hazard.
- ☐ Windows and Doors: Make sure windows and doors are closed tightly.
- ☐ Drapes and Blinds: Close drapes and blinds. To help reduce heat loss, turn blinds so that the underside of the blade faces you.
- ☐ Thermostat: Thermostats are programmed to be on holiday schedule during breaks.

Lights

- ☐ Lights: Turn off lights, including display or task lighting. Don't rely on occupancy sensors to turn off lights, turn off lights when you leave the room.

Water

- ☐ Faucets: Make sure faucets are turned off tightly and do not drip. If they drip, tell the head custodian.

Electronics

- ☐ Electronics and Appliances: Turn off and/ or unplug all unnecessary appliances (projectors, smart boards, copiers, computers, monitors, printers, scanners, TVs, VCRs, DVD players, radios, water coolers, etc.)

Recycling and composting- The first frontier

- All schools recycle and compost since 2005- some of the first regionally.
- All schools have color coded containers (blue/recycling, green/compost, grey/garbage)
- All schools have stickers on cafeteria and classroom containers. Signs created and purchased by the City through grants and distributed by the District's interns.
- The City provides many tools to assist with sorting: containers, stickers, signs, sorting video, presentations, banners, contests, tabling at parent events, work with Green Teams and much more!











HOW IT LOOKED WHEN WE STARTED!
NO RECYCLING OR COMPOSTING
SO MUCH STYROFOAM AND PLASTIC!

Common Set Ups Now



Size, color coding, lids, correct stickers


EAT IT
FINISH IT
DONATE IT
SORT IT
POUR IT
RECYCLE IT
TRASH IT
TAP IT
TO FOODCYCLE
MATCH IT
+STACK IT
FOLLOW THESE STEPS TO RECYCLE AND FOODCYCLE
PLACE FORKS HERE
PLACE SPOONS HERE
RECYCLE
BRUTE
GARBAGE
FOODCYCLE

Zero Waste Cafeteria Challenge

- Contest between all schools in the cafeteria from 2011 until 2020.
- Schools measured their own waste and submitted data each year.
- Lowest waste per student for Elementary and secondary received a recycled trophy and special assembly (for Elementary)
- 14,000 students participated each year- almost all schools.









Beyond Recycling and Composting

- Each year a new goal set. Examples:
  - Pick 3 campaign in conjunction with Nutrition services no longer packaging fruit and vegetables
  - Reduce paper use
  - Water use reduction and education kits for classrooms







Reducing Single Use Plastics

- Major movements since 2020 – gave WGI state awards.
  - WENDY! Nutrition Services.
  - Wendy set goals. City of Bellevue applied for and received grants to assist. Purchased some of the start up supplies. Worked together with Wendy to roll out programs. Lots of communication and teamwork. Staff trainings, focus groups, cafeteria presentations. Utilizing feedback from staff to make systems better.
    - No more plastic utensils or spork kits!- a reduction of 4 tons of plastic per year- size of an orca!
    - Elementary schools use reusable trays and reusable utensils.
    - Secondary schools use compostable utensils and trays.
    - Fresh fruit served without packaging.
    - Straws eliminated.
    - Compostable/recycled content napkins from a dispenser.
    - And more!





Utensils!











SECONDARY SCHOOLS

Compostable utensils

Reusable trays for middle

Compostable trays for high schools and 2 choice schools







Student reactions during launches:

- Applause during announcements at lunch.
- “Helps to save our earth”
- “Reduces pollution”
- “Less garbage and litter”
- “Garbage cans will no longer be needed in the future”



ALL SCHOOLS PARTICIPATE IN BELLEVUE SCHOOL DISTRICT'S GREEN GENIUS INITIATIVE TO ENSURE THAT WASTE REDUCTION, RECYCLING + COMPOSTING ARE PRACTICED + PROMOTED.



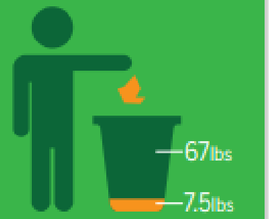
365 TONS
of food waste are collected + composted from District schools per year.

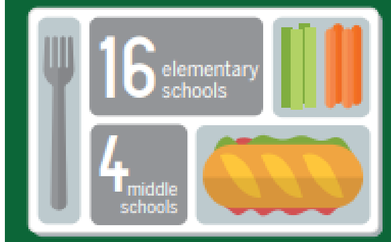
14,000
21 schools
14k students + staff
Students + staff competed in a contest to reduce cafeteria waste.
All schools recycle + compost.

The average American student's lunch garbage per year = **67 lbs**

The average **Bellevue** student's lunch garbage per year = **7.5 lbs**

Less than 12% of the national average





Schools using reusable trays during lunch

Puesta del Sol reduced their waste to **2.9 GRAMS** per student.



That's the same weight as **ONE PENNY**

13,000 LBS OF FOOD DONATED
to Hopelink



3 Schools switched to reusable utensils



Jing Mei, Enatai, + Spiritridge keep **130,000** plastic sporks + straws out of the landfill per year by using reusable utensils + not using straws

Bellevue School District is phasing out disposable Styrofoam trays + spork kits



86% of Bellevue Schools have a recycling rate of **50%** or higher.

12 schools have a recycling rate of **70%**.



2022 Waste Reduction Update

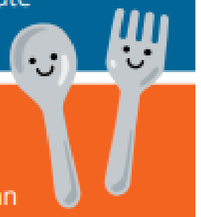
Bellevue School District



Bellevue School District Nutrition Services is committed to reducing waste. One plastic utensil is often used for 20 minutes but lasts 500 years in local landfills. New this year, in partnership with City of Bellevue and a WA State Department of Ecology grant:



16 elementary schools
(with ~7,000 students)
now use durable metal utensils instead of plastic utensils at breakfast and lunch!



More than
820,000
plastic utensils and straws are now kept out of the landfill each year!

Student quotes about why they like the new reusable utensils at school:

"Helps to save our Earth"

"Just like home"

"Reduces pollution"

"No more garbage and litter"

"They do not break"



About
4 tons of
plastic waste is reduced each year by not using plastic utensils and straws. That is the same weight of an Orca whale!

The District is working to offer
COMPOSTABLE UTENSILS
in Middle and High Schools Next!

Other ways Bellevue schools are reducing waste:

- Fresh fruits and vegetables are often served without plastic packaging
- Eliminating plastic straws
- Recycling and composting in all cafeterias
- Eliminated Styrofoam service products
- Compostable recycled-content napkins
- Elementary and Middle schools use reusable trays

Some of the needs moving forward

- Secondary schools – Student involvement with education and peer to peer motivating. Monitoring. Education.
- Working with schools with highest waste per student to evaluate issues.
- Working with parents on waste free options for packing lunches.
- School teams to self assess.
- Take only what you will eat. Drinking all the product before recycling. Empty and clean (coffee cups)

Bellevue High School Slides

BHS SIP Process

Assembling the group

Connections

- **We had sustainability ambassadors + sustainability driven students within our school**
- **Connecting teachers who are interested in sustainability join**
- **Have clubs doing sustainability work connect**

Support

- **Educator support from staff**
- **Have equal part of students and staff in meetings- essential**
- **Support in student voice**

1-hour Student Group

Took inventory of what is already happening at BHS

- Sustainability Ambassadors involvement
  - Turn Off The Lights Day (TOLD)
  - Carbon Commute Count
- Earthbound Club (focused on local garden and resource consumption)
- The Green Collective (Teaching youth waste management)

We created two main goals for the year

1st goal: simpler, metric-based, and includes an easy to accomplish action. Our main action we want to complete to accomplish this goal is to bring back Turn Off the Lights Day (TOLD) and try to improve and repeat more than last year.

Goal:

We aim to **reduce our building's electricity use throughout the 2024-2025 school year relatively compared to the previous year.**

2nd goal: More ambitious and includes more actions.

Goal:

We will increase student engagement around sustainability by increasing the visibility of student-centered impact projects and celebrating the work of students and staff.

Metrics for Goal 2

Monitoring and Measuring Success:

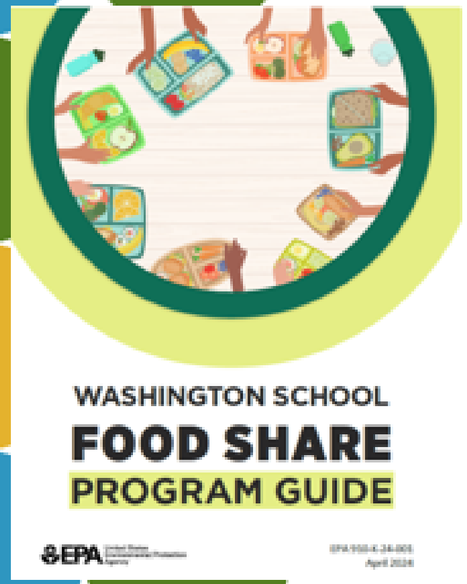
We believe the data needed to determine whether or not we are successful is pretty nebulous, but we will focus on:

1) Club membership next year compared to this year
    a. (Increased enrollment in sustainability focused clubs)
2) Survey responses at **consistent intervals**
    a. Empathy interviews as follow up
3) Potentially using panorama or dens as access points to feedback
4) Define metrics for how many posts, announcements, spirit days include sustainability

Cherry Crest Slides

Cherry Crest Elementary School

School Example: School Sustainability Plan Spotlight



✓ Goal: **Reduce food waste and increase access to healthy foods for communities in need through implementation of the Food Share Program.**

- **Education & Awareness**
  - Teaching and learning opportunities in the lunchroom
  - Visuals in the cafeteria to support students
- **Green Team Involvement**
  - Monitor food waste
  - Assist younger students
- **Community Engagement**
  - Monthly tracking
  - Newsletter bulletins for families

Meet SOAP!

Erin Stedman, Principal
Amu Chu, Assistant Principal

Cherry Crest Elementary School

School Example: School Sustainability Plan Spotlight







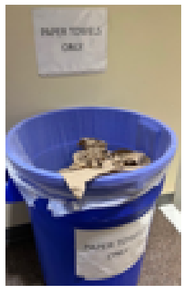
✓ Goal: **We will implement a program to regularly recycle hard-to-recycle materials, such as plastic film, wrap, and packaging, that are brought or used on campus. This will help lower the amount of waste sent to landfills and contribute to creating a more sustainable community.**



➢ **Recycling Initiatives**
- Set up bins for plastic wrap and promote family/communityy drive (spring)
- Conduct workshops/lessons to teach students about material sorting (target pouches, wrappers, paper towels, and candy/snack bags)



➢ **Green Team Involvement**
- Distribute flyers and host events
- Organize friendly competitions across the school



➢ **Awareness Campaigns**
- Posters and digital displays to share info.
- Host “Recycling Days” for families/students

Erin Stedman, Principal
Amu Chu, Assistant Principal