



**APS
Sustainability
Liaison
Projects
2023-2024**

Sustainability



Abingdon
Elementary School

Leaders



Ms. Renita Upshur (Exemplary)
Ms. Allison Barnes (Art)
Ms. Molly Fisher (ITC)

Share Food Table



Unopened food is collected for other students to choose from or it is donated.

Future Goals

An annual Spring event to celebrate the opening of the garden.

Friday, April 12th
Both a day concert and an afternoon clean up effort.

Chickens from the farm will be visiting from April 9 - May 13th.

Completed the Smithsonian Migratory Bird project to learn how to take care of migratory birds. We will continue this next year.

Eco Action Committees

Composting Crew

7 Students



NEW! Figuring things out, made a collection plan and tapping into county resources to assist.

Recycling Crew

12 Students



Independent teams recycle daily! Looking to scale up recycling in the cafeteria.

Garden Crew

15 Students



Put together 8 hydroponic systems, a grow cart, and planned out placement of seedlings in garden beds.

Reducing Waste



Alice West Fleet
ELEMENTARY SCHOOL



Food waste study- 2nd and 3rd grades

Vermicompost study- Gardening club

SCA turning recycled materials into Falcon mural



Growing our gardens



Hydroponics study- 4th and 5th grades



Helping the community

Teamed up with MGNV to continue to expand our gardening and outdoor learning spaces



Great International Bird Count 2024-K and 1st grade



Donated nearly 1000 pounds of food to AFAC



Arlington Community High School

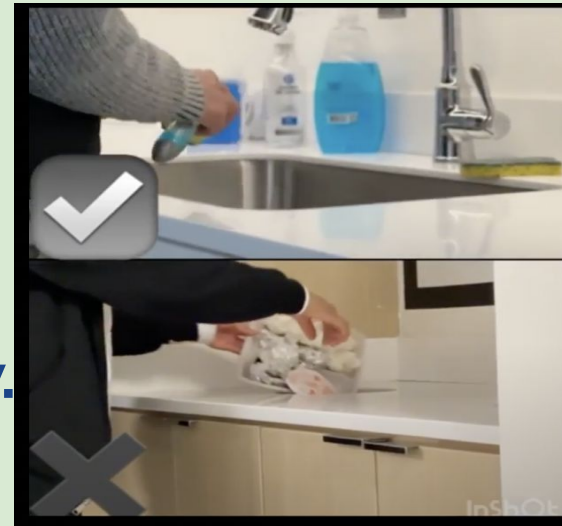
**Students created PSAs
about reusable cutlery.**



“This plastic is bad.”

Focus on self-driven sustainability questions?

- Are meat-eating/pescatarian/ vegetarian diets better for the environment?
- Investigate the role of bike-sharing in any city.
- Does keeping the home at a certain temperature help reduce energy costs?



“This plastic is good.”

ATS Sustainability!

Dig new gardens

Rake

Mulch

Weed

Plant

Explore

AFAC Food Donation Program



Over **1500** pounds donated!

Family Gardening Saturdays

Green Thumbs Up!
After school gardening

STEM Day – March 8, 2024

- Speakers
- Performers
- Raking / Clipping / Weeding
- Nature Walks

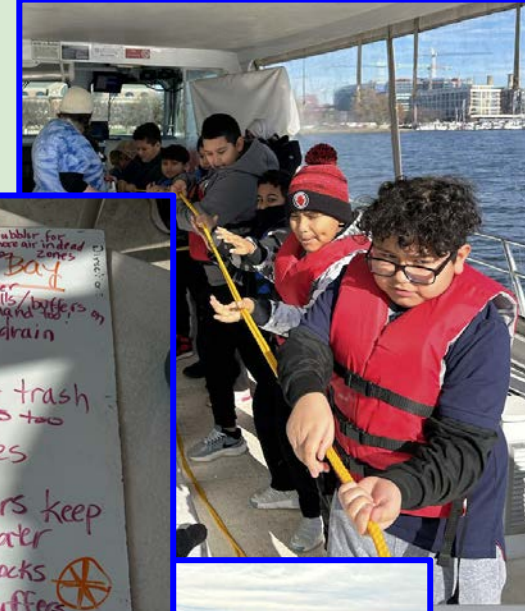


Environmental Club-
We partner with
Master Gardeners!

Barcroft

4th Grade Ecosystems and
Watersheds-We partnered with
the Chesapeake Bay Foundation

3rd Grade Bird Project-We
partnered with the Zoo's
Migratory Bird Program



ideas for ^{*bubble for} Saving the Bay ^{over the riparian zones}
to filter ^{*walls/buffers} ^{and not} ^{Walling in}
• filter for storm drain
• trawling for trash ^{*magnets too}
• plant ^{not} trees
• help farmers keep ^{peep} out of water ^{with wall of rocks}
^{*riparian buffers} everywhere



Barcroft is
Hosting a Rain
Barrel Workshop



March 19th, Barcroft Elementary
Build Your Own Rain Barrel
Workshop

Barcroft Elementary School
6:30PM - 8:00PM
625 S Wakefield St, Arlington, VA





K.W. Barrett
ELEMENTARY SCHOOL

Compostable items



Moldy cheese



moldy hotdog



moldy hamburgers



moldy strawberries



moldy bread

Non Compostable Items



Treated wood



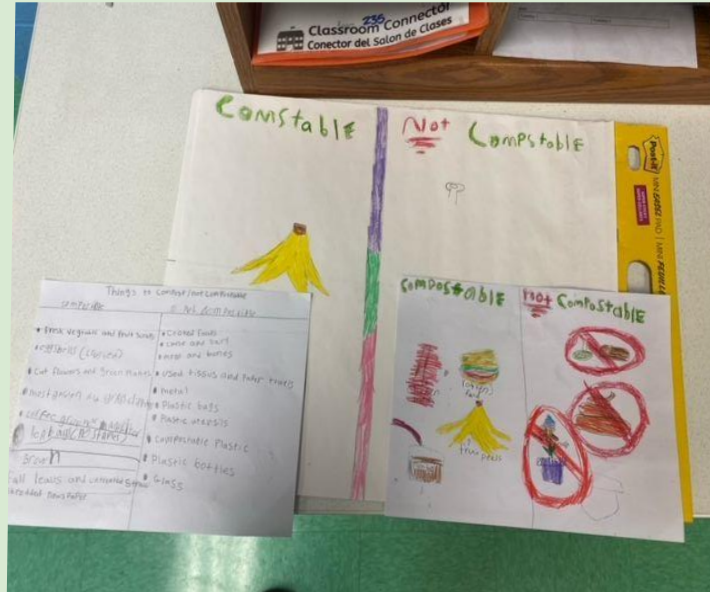
chemicals



plastic



Chemically treated wood



Students in Barrett's Sustainability Club chose composting as their passion project. Students created posters to inform other about what is and is not compostable. Additionally, they wrote scripts and recorded a segment for Tiger TV to educate the school community about why it is important to compost. We are working with one grade level to compost leftover lunch foods

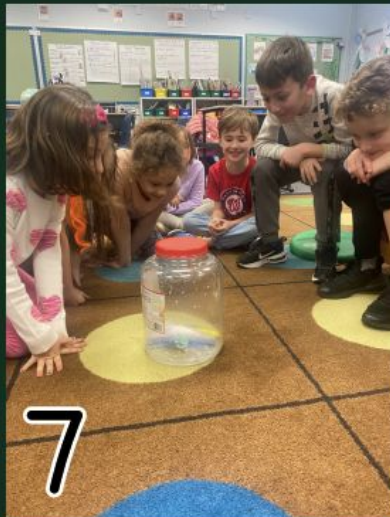
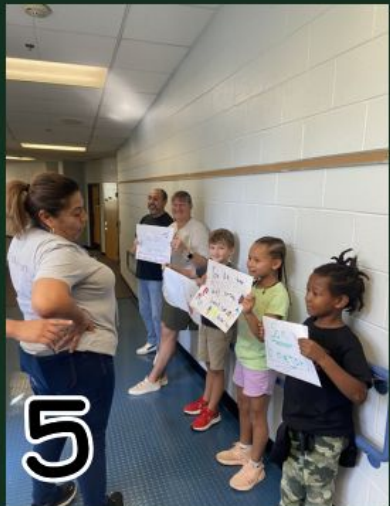
Barrett also recycled pumpkins after Halloween, worked to make the school garden more lush, and planted various plants.



- Program
- 1) outdoor learning
 - 2) Outdoor school-wide community meeting
 - 3) composting
 - 4) School-wide energy activity
 - 5) custodial appreciation
 - 6) Caretaking school grounds/gardens
 - 7) Earth club
 - 8 & 9) Sustainability based expeditions



CAMPBELL





Cardinal
ELEMENTARY SCHOOL



Bird Seed Feeders



Celery Grasses for Grasses for the Masses at

Mason Neck Park*

*The grasses have yet to grow. We are trying.

**Paper
plant
pots**

**Sustainability
videos and
posters for
the school TV
screens**

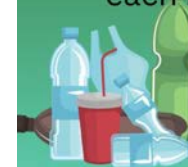
Did you know that more than 60million plastic bottles end up in a landfill every day?

Problem

All of the bottles just sit in the landfill as waste and each bottle takes 450 years to break down

Solution

Use reusable water bottles and refill them and recycle bottles that can be recycled



Carlin Springs Elementary 2023-2024



Discovery Elementary



Donating food to AFAC
via our Food Bus



Learning about and
growing microgreens in
garden class

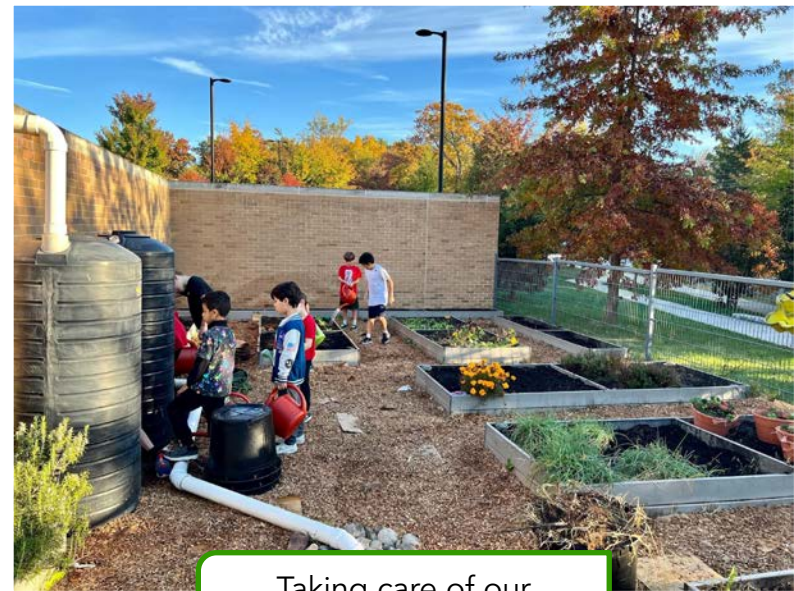
Adding bird feeders and
houses to school
grounds



Eating the yummy yields
from our gardens



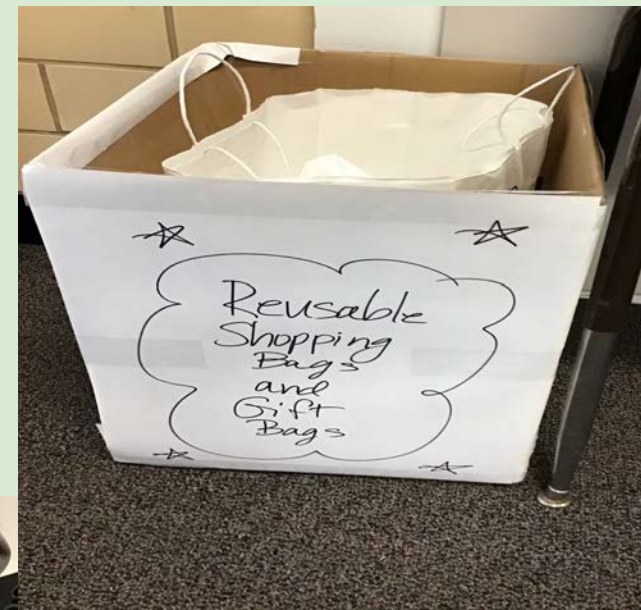
Growing hundreds of
heads of lettuce in our
hydroponic gardens



Taking care of our
outdoor gardens



DHMS 23-24



3:13

GREEN TEAM AT DHMS
Dorothy Hamm Middle School
Go DHMS Phoenix!

40 trees
1/9/2024, 3:12:48 PM

24,634,368
Trees Planted

Every dollar plants one tree

You just joined the team **Green Team at DHMS!**
Copy the link below to share your team.

<https://teamtrees.org?q=Green%20> Copy

Take a screenshot, share it on social, and tag 3 friends to join #TeamTrees

teamtrees.org

Dorothy Hamm participated in a variety of recycling/reuse efforts and drives which included a used shoe and clothing collection and a plastic bag and film recycling project. Gently used coats were collected and given to the school social worker for redistribution. We are not only recycling paper and cardboard in the classroom which students empty into larger recycling bins. while trying to remove plastic bags out of our recycling. We are setting up a hydroponics system for use by the FACS teacher. We collected t-shirts and turned them into reusable shopping bags. These were used by the school social worker in our food pantry and also for the gift giveaway for our under-resourced families. Finally, we're currently working to establish two raised garden beds for AFAC's Plot Against Hunger program.

This year has been busy at Drew Elementary. We've planted a winter cover crop to help enrich our garden beds, started feeding our compost piles with fruit peels from the cafeteria, gathered a ton of used tools and equipment, prepped the site for our new community garden, written grants, and have planned two spring garden events!

Drew E. S.

23-24

Thank you for submitting an application for a Whole Kids Garden Grant.

You have completed this application process and we will now work to review your application. All applicants, regardless of our decision, will be notified by August 1, 2024.

Thank you for all that you do to create a healthy environment for your kids!

Love and Veggies,

Whole Kids





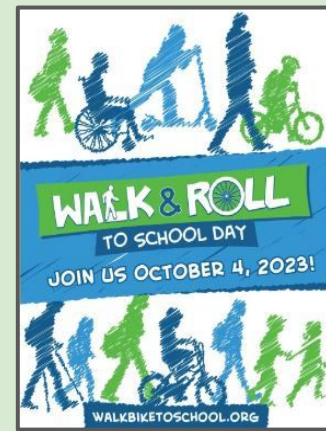
Escuela Key
ELEMENTARY SCHOOL

Sustainable Transport
for Students & Staff



Reducing Waste
through
Share Table &
Cafeteria
Recycling

Pollinator
Garden Phase 1
by Boy Scout
alums & current
students.
Spring planting
on the way.

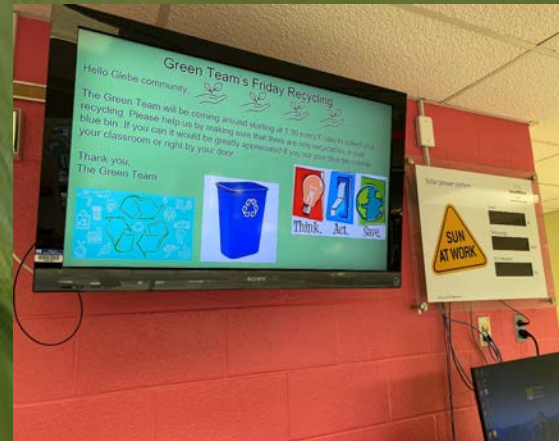


Platinum
Champions





Recycling on Mondays and Fridays



Spreading the Sustainability Message



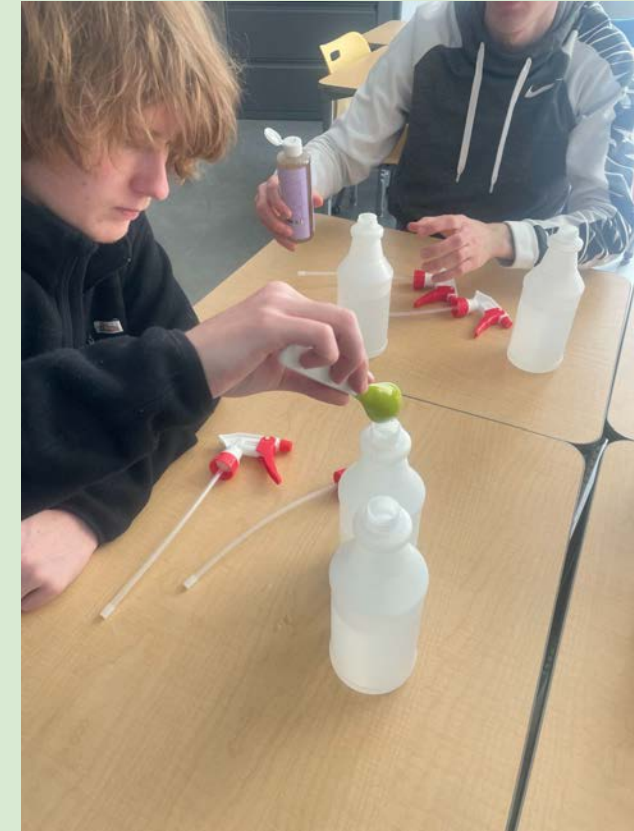
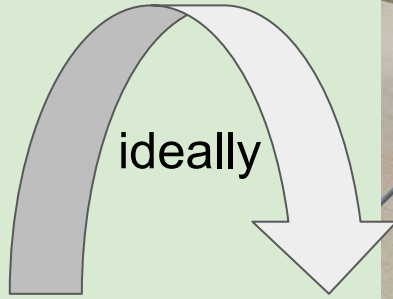
The Green Team Partnering up with EcoAction Arlington



Students created a pamphlet to inform the community about sustainability.



Gardening at Glebe



H-B Woodlawn
SECONDARY PROGRAM

Outdoor Classroom



Family Trash Bash



Hoffman Boston

Electronics Recycle





- Recycling Rangers Program grew from **20** fourth and fifth graders last school year to **55!**

- Use of strategies from David Lee's *Design Thinking in the Classroom* to creatively solve the problem of milk in recycling bins with the **creation of cereal strainers!**

- **Upcoming Events** for the remainder of the year: Clean Up Day, Earth Week, and an interactive recycling station at STEAM night



Innovation
ELEMENTARY SCHOOL



Pumpkin Catapult Challenge

November 1st -Backfield



MORNING OF NOV 1ST

A 5th grader will come to collect your foam jack-o-lantern

2:50 P.M.

Grade 3-5 teams will move to the back field with their catapults and take their places in the designated area.

2:55 P.M.

Students in grades K-2 will move to the back field and take their spectator seats on the hill.

3:00 P.M.

Catapult contest begins announced by Mr. Hopkins.

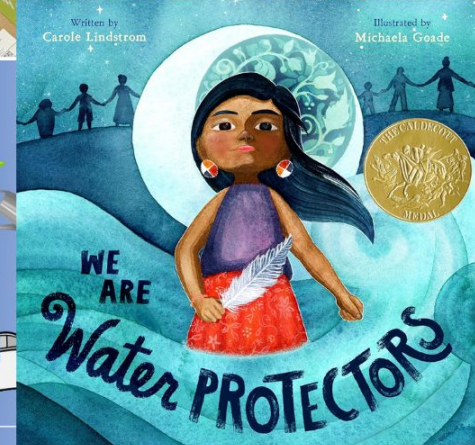
Fifth grade teams will be catapulting first (15), followed by fourth (15), and then third (15). The two winning teams from each



Jamestown Pumpkin Launch

AETV 1.93K subscribers

Share Download

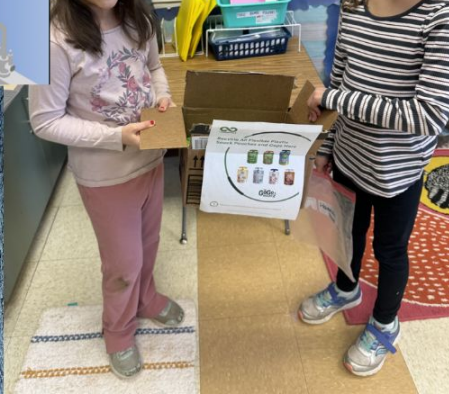
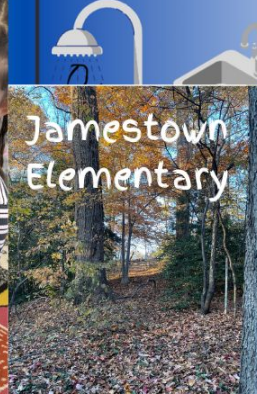


throwing away water you can save it and use it through out the day



Do not 😡
5 min- 10 min

Do 😊
2 min- 5 min



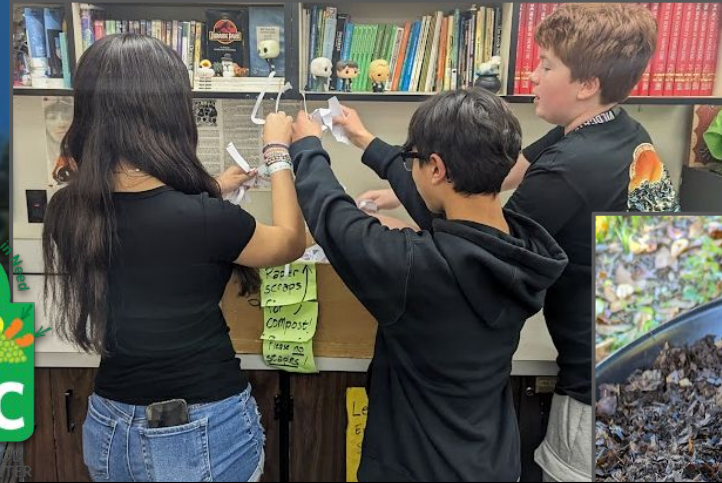


Thomas Jefferson Middle School



The Jefferson Garden is an entirely volunteer and student run organic garden. This outdoor

classroom donates all produce to our local community, with the majority going to AFAC



Students start seeds and harvest the fruits of their labor - all while learning about sustainable gardening practices!



Students compost their classroom paper and healthy snack scraps- generating healthy compost that is added to the soil

We donated 1,500 pounds of fresh produce during the 2023 season!



Sustainability Liaison: Kaila Leonberger



Kenmore
MIDDLE SCHOOL

Cougar Equity Through Sustainability Roadmap



Reflect



Action



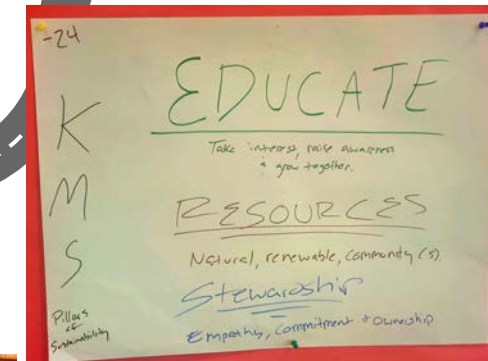
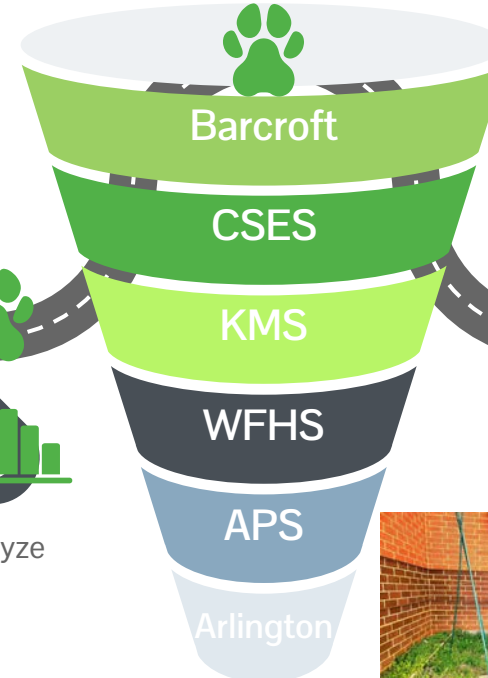
Adapt



Collaborate



Analyze



'24 Cougar Liaison J.M.G



LANGSTON'S COMMUNITY ECO-SOAP PROJECT



LANGSTON'S PROJECT EVOLVED INTO A "COMMUNITY PROJECT". ALL STUDENTS, STAFF AND VISITORS MADE SOAP



LONG BRANCHE ELEMENTARY



Family
Arts &
Crafts
Night



Recycling
Rangers

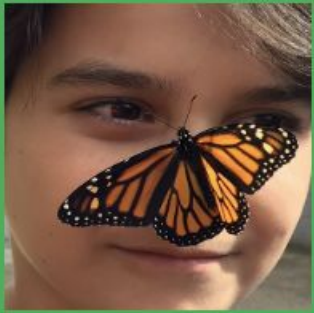


Recycling
Rangers on the
Morning News

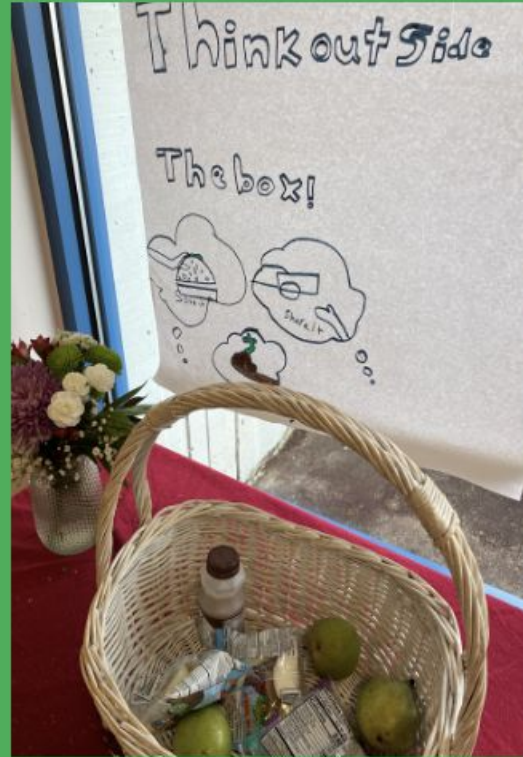


DC Food
Project
Share Table





Sustainability at MPSA Highlights 2023-2024



This year we participated as citizen scientists in the Great Backyard Bird Count. We look forward to making this annual event!

Reducing Food Waste continues to be a goal at MPSA. This year we added 3 composters to our campus!



Monarch Festival- Every fall our Upper Elementary students share Monarch Migration related activities with our Primary and Lower El students. We will have a similar festival for Earth Day!



Nottingham Knights



Nottingham Gardening Day March 5th

STEAM Night: This year our STEAM Night focused on reduce, reuse, and recycle. The goal was to plan an evening of various STEAM activities that encouraged students to partake in one of the 3 R's. In these pictures you can see kids using recyclables to build a community map. The other picture shows students using classroom items that we can reuse to build towers.



Reduce Food Waste



- Expanded our Walking School Bus Program
- Teamed up with local High School community members to remove invasive plants and replant natives.
- 5th Grade submitted 2 projects for Caring For Our Watersheds (Special Recognition)



THIS BUS IS US
WALKING
SCHOOL
BUS



Randolph Sustainability - Gardening and Trash Pick-Up!



The garden at Randolph has really grown this year thanks to the Kindergarten and 2nd grade teams using the garden to teach specifically about life cycles concepts and basic ecosystem knowledge.

YES Club students gathered herbs from the garden for the school food pantry and performed three trash pick-ups for their community service projects. Kindergarten and 2nd grade students are currently working on clearing the garden of weeds to prepare for the spring planting in April!





ASFS 2023-2024



AFAC FOOD BUS

Our students donate extra food during the lunch periods and drop off food to AFAC at the end of every week.

Our Star Stats:

- '22/'23 SY: 2020lbs
- '23/'24 SY to date: 1800 lbs with 2.5 months to go. we might surpass last year!

KIDSGIVING

- October: donated 630 food items to AFAC.
- November: collected and donated 14 large trash bags full of gently used clothes for The Clothesline Arlington.
- January: made 22 'goodie bags' for children living in Bridges to Independence homeless shelter.
- March: we will be making animal toys for shelter animals at Animal Welfare League of Arlington (AWLA).

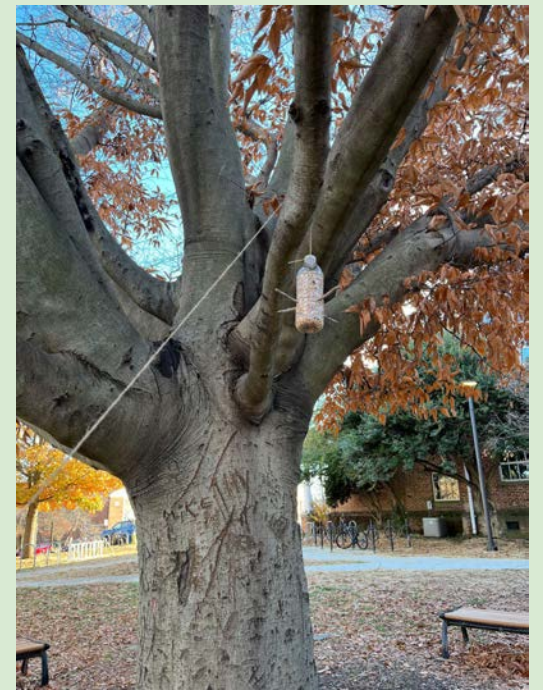


Eunice Kennedy Shriver Green Team

**Shriver
Students help
clean tables
using non-toxic
cleaning
solutions made
by HB Students**



**Shriver
students help
sort and
gather
recyclable
products and
take them to
the large
recycle
receptacle in
the HB/Shriver
Cafeteria**



Green Team!



**23-24 School Year Focus:
Single Use Plastics!**

Liaison: Chrissy Brown (Reardon)

Recycling to Art



Playground Cleanup Crews



Taylor Elementary School

This year Taylor continued cleaning up our grounds with the student cleanup crews who pick up trash during recess, a renovation of our STEAM garden, setting the foundation for community and school gardens, and a trash and invasive plant cleanup by the 85 members of KidsGiving. A school sustainability committee was formed and specialists began undertaking projects to bring sustainability efforts into their classroom activities starting with art and PE. We are also excited to continue our work with the DC Food Project!

School Garden Planning!



Share Table with DC Food Project



STEAM Garden Renovation Eagle Scout Project



Kids Giving Projects EcoAction Arlington The Clothesline for Kids





Tuckahoe

ELEMENTARY SCHOOL

- ✓ Vermicomposting, Rain Barrels, Solar Panels, & Native Plants- We've got 'em!
- ✓ Outdoor Learning @ All Grade Levels
- ✓ 5th Grade Green Team meets Weekly
- ✓ AFAC Food Bus Weekly Donations
- ✓ 13 Raised Beds for Growing Veggies!
- ✓ Cardboard Night Community Event
- ✓ Monthly Family Garden Days
- ✓ 5th Grade Salad-bration!
- ✓ Student Litter Clean-ups
- ✓ Earth Day Activities





Wakefield High School



SCIENCE TALKS

Join us for visiting researchers discussing their professional experiences and the journey that got them there.

STEAM into Ocean Policy
Maggie Ost Dahl,
Senior Conservation Policy Manager

Thurs, Dec 14
3:15 - 4:00 pm
Room B-213



Sponsored by the
Environmentally Conscious
Organization of Students

Join ECOS Wakefield for:

 **POST HOCO TRASH CLEAN-UP!** 

SUNDAY, OCTOBER 15TH

Meet at noon by the rock.

Help keep Wakefield clean!!

Get **FREE**
VINTAGE CLOTHES!

February 18th 2 - 6pm
@Washington-Liberty High School

Everything must go!



- Regular park and campus clean ups
- Guest speakers (next one in April)
- Participation in clothing drive
- Monthly Sustainability News
- Working with Fare Harvest for our Gardens
- Working with "The Week"



Focus on Outdoor Learning

- Microtrash Collections and Analysis
- Analysis of Invasive Species
- Catalog of WL Ecosystem and Mitigation Strategies
- Watershed Health
- Chesapeake Bay Ecosystem Dynamics
- Ecosystem Scavenger Hunts
- Identifying local species

Sustainability at Washington-Liberty High School





Courtyard harvest!

- 4 bags of sneakers (so far)
- 49 pairs of sneakers
- 1,470 lbs of CO2 displaced
- 110,593 gallons of water displaced



- Other initiatives:**
- Grocery Bag collection/recycling
 - AFAC food donations
 - Climate Change Enrichment course





YORKTOWN HIGH SCHOOL

- Bake sale for Ecoaction Arlington
- Regular stream cleanups
- Clothing drive colab with Wakefield and W & L
- Invasive species walks
- Campus litter cleanups
- Very inspired and engaged group of students! Environmental club meets thrice monthly

CLOTHING DRIVE



Donate for free pop-up shop Feb 18th @ WL

- Washed, lightly worn clothes of any size welcome
- No undergarments, socks, or shoes



WEDNESDAY, OCTOBER 17TH

ENVIRO BAKE SALE



during patriot period in the atrium, all items \$1-\$2 and all proceeds go to ecoaction arlington!

