

# Sustainability Liaison Projects

SY 2020-2021



# Sustainability Liaison Highlights

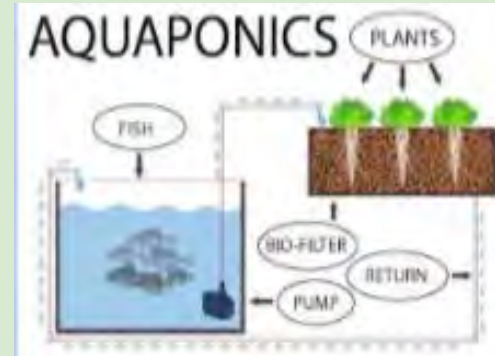
## Led After-School Clubs Based in Sustainability

Tuckahoe, Campbell, Fleet, Yorktown, H-B, Woodlawn, Discovery, Glebe, Arlington Traditional, and Career Center



## Aligned Lessons with Sustainability Topics

Wakefield, Jamestown, Barrett, Arlington Community High, and New Directions



# Sustainability Liaison Highlights

## Created Take Home Sustainability Kits


Fleet, Jefferson Middle, Arlington Traditional, and Randolph. These kits housed anything needed from seed starters to bird feeders.



## Supported Ongoing Work for Outdoor Classrooms or Composting

Ashlawn, Wakefield, Campbell, Jefferson Middle, Fleet, Discovery, Randolph, Arlington Community High, and New



Many schools participated in the **SACS Earth Week Campaign** or organized their own Earth Week/Day activities. 

# Individual School Highlights

Liaisons created the following slides for their joint meeting with the Superintendent's Advisory Committee on Sustainability on April 20, 2021





# Wakefield High

## Accomplishments

- New Insta and Twitter accounts! @ecoswakefield
- Built furniture for outdoor classroom and cleared trails
- Compiled a database of sustainable shopping ideas for the winter holiday season
- Action Challenges for Thanksgiving Week and Earth Week
  - Daily challenges with survey
- Multiple park clean up events
  - Next one on May 1st
- Regular discussions on Environmental News

## Upcoming:

- Guest Speakers (still coordinating)
- Selling reusable water bottles

## Monthly campaigns

- Nov - Sustainable eating
- Dec - Shopping/Brands
- Jan - Recycle/Upcycle
- Feb - Environmental Justice
- March - Water conservation
- April - Earth Month!
- May - Fashion
- June - Summer fun

**Sustainability Challenge.**

Meatless Monday. Share a veggie friendly meal or recipe.

Transportation Tuesday. Walk, bike, run, just get outside!

Water Wednesday. What can you do today to save water?

Thoughtful Thursday. Volunteer! Pick up some litter in your neighborhood.

Food Waste Friday. Share your favorite leftover recipes or meals.

✓ Post your activities to Twitter and Instagram.  
Tag @ecoswakefield then #WHSOutdoors and #APSGreen

✓ At the end of the week fill out this form <https://tinyurl.com/yxeliw7r>



Outdoor Classroom Furniture Build - 11/7/2020



Four Mile Run Clean Up - 10/31/2020 (186lbs of trash)



**Tuckahoe**  
ELEMENTARY SCHOOL

# Tuckahoe Elementary

TUCKAHOE SLIDERS  
LOVE OUR  
ENVIRONMENT!

Students at Tuckahoe have been busy creating videos for the morning announcements to teach their fellow Sliders about about how to be more environmentally friendly at home! Topics have included learning how to recycle correctly, Arlington's glass recycling drop off information, and how to get around your neighborhood without a car.

Tuckahoe is also continuing with our other amazing school-based projects like the Discovery Schoolyard that donates its produce to AFAC. It's exciting to see the seedlings begin to sprout in the spring!



This year our Eco Team is meeting virtually each month. The goal of our team is to learn how to be advocates for their passions. Each member has shared about their one wish for the environment (their personal passion) and has developed a goal/project for themselves. They are sharing about their progress in our team Padlet. At the end of the school year their work will be featured in our school-wide virtual morning meeting.

# Campbell Elementary

## Other student advocacy projects include:

- coordinating park clean-ups with friends
- Drawing environmental messages on sidewalks to tell people to reduce, reuse, or recycle
- Put up signs near places where people make a "desire path" (create a path using consistent foot traffic)

## One wish for the environment

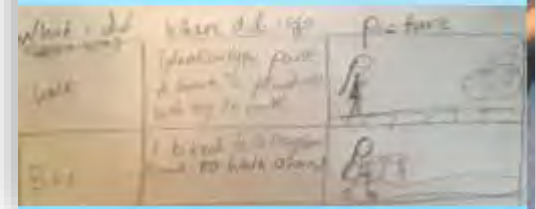
I want the ppl to stop littering the oceans and use reusable things like spoons and stuff, and stop poluting the air with cars and factorys, like use the hybrid ferrari called laferrari

## Student Goal

*I think we should use public transportation, and reduce the price of electric cars so we can reduce greenhouse gasses coming into the atmosphere. You should also use a car or bike.*

## The work they're doing

Here is my chart that I am using to keep track of if I am using walk or bike and not using a car



# Jamestown Elementary

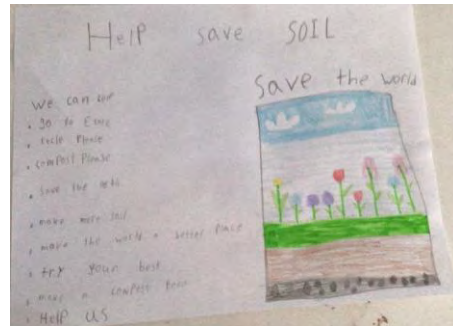
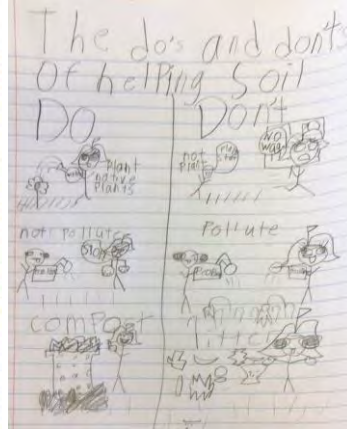
## Earth Week Choice Board

### Lessons on Sustainability that Connect to SOLs

- **K-2nd:** Reduce, reuse, recycle
- **3rd:** Ways to conserve soil
- **3rd-4th:** How pollution moves through the Chesapeake Bay watershed
- **4th-5th:** National Parks and Leave No Trace principles
- **5th:** Comparing lightbulbs

Jamestown Sustainability Labors  
@Jtown\_Sustain

Third grade @JamestownAPS is learning that soil is a natural resource and should be conserved. Here are some of their posters sharing how to conserve soil #APSGreenc



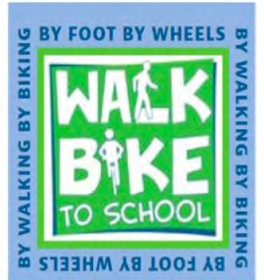
**Directions:** Complete one or more of the following activities. Post a picture or video of what you made in the school Flipgrid for others to see! The Flipgrid closes on April 30th.

<p><b><u>Trashion Show</u></b></p> <p>Reuse trash and recyclable materials to design a fashionable outfit or accessory (hat, gloves, purse, head bands, etc.).</p> <p><b>Flipgrid:</b> Record a video modeling your fashionable outfit or accessory.</p>	<p><b><u>Landfill Harmonic</u></b></p> <p>Watch "Landfill Harmonic" and create your own musical instrument out of trash or recycled materials! See if you can make it change pitches.</p> <p><b>Flipgrid:</b> Record a video of your instrument making music.</p>
<p><b><u>Catapult</u></b></p> <p>Design a catapult out of recyclable materials. Crumple a sheet of paper into a ball and launch it from your catapult. Measure the distance the ball flew from the catapult.</p> <p><b>Flipgrid:</b> Record a video of your catapult launch and share the distance your ball flew.</p>	<p><b><u>Plant a Plant!</u></b></p> <p>Go outside in your yard or local community garden and plant any plant that you wish (with an adult's permission)! Post a video of your plant, or of the process of planting. You can even share some knowledge of how plants grow or why they are good for the Earth.</p> <p><b>Flipgrid:</b> Record a video sharing a photo or video of your plant.</p>
<p><b><u>No Trash Lunch</u></b></p> <p>Pack a lunch for school or a picnic that has no trash. Include reusable materials such as cloth napkins, metal silverware, and tupperware so you can wash and reuse everything after your meal.</p> <p><b>Flipgrid:</b> Record a video to share your lunch and describe the reusable materials used to make it.</p>	<p><b><u>Project Squirrel</u></b></p> <p>Learn how to identify different types of squirrels. When you observe squirrels in your neighborhood log your observations at <a href="#">Project Squirrel</a> to help scientists understand tree squirrel ecology.</p> <p><b>Flipgrid:</b> Record a video sharing what you learned about tree squirrel ecology in your community.</p>



# Fleet Elementary

**Friendly  
Reminder:**  
Tomorrow is  
**Walk To  
School  
Wednesday!**



Continuing Weekly Sustainability Activities



The ESC meets weekly



100 Bird Feeder Kits



Virtual Science Experiments



Hydroponics comes to Fleet



Still working on reusable utensils in the cafeteria

Mazur- Groups				
<a href="#">Write a Letter General</a>	<a href="#">BINGO Fundraiser Room 1</a>	<a href="#">Making a Model Room 2</a>	<a href="#">Morning News Room 3</a>	<a href="#">Posters Room 4</a>
Wren Scott Devyn LJ	Leo Narah Cullen Gia Nikolas Vincent	Alan George Abdullah Yordanos Jazzen	Skye Zarina Ira Colby	Hanan Jenny Amelie Sabrina Adrian

Sustainability Service Projects



susan spranger @Su... · 1/12/21  
After learning about bird adaptations, migration, life cycles and more, Fleet 3rd graders discuss service project ideas to help native birds in addition to wintering and migratory birds!  
[#APSGreen](#)

- Corneil, Freeman/Wechs, Cullen, L, Corneil, Laid, Best, Cullen, Corneil, Laid, Best, Cullen
- WHAT CAN WE DO AT FLEET ELEMENTARY SCHOOL/HOME TO HELP PROVIDE FOR AND PROTECT BIRDS AND THEIR HABITAT?
- Build Bird Houses
  - Make Bird feeders
  - Plant Trees - Food and Shelter
  - Paint Designs on Windows

Native Plantings for Birds

# Yorktown High

## Yorktown High School's Environmental Club



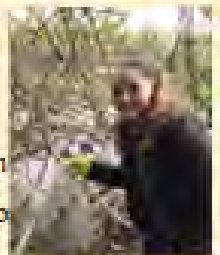
First meeting during the 2018-2019 school year

YHS Environmental Club works to raise awareness of environmental issues at Yorktown and in Arlington county and find creative and sustainable solutions to these problems.

Our projects have included maintaining sustainability efforts and materials schoolwide, raising funds to begin and then continue a composting program, and stream clean-ups at nearby Donaldson Run.

**This year:** Focus is mainly on big picture stuff that benefits Yorktown and the Community

- Promoted Sustainability Projects at home and created promos for the weekly announcements
- Organized stream clean ups at Donaldson Run Park
- Pushed for composting efforts at home, plan to continue composting at school in fall 2021
- Worked with CBF to advocate politically for environmental change
- Guest Speaker for Car-Free Diet in March



Pictures from our first ever river clean up in Oct. 2018



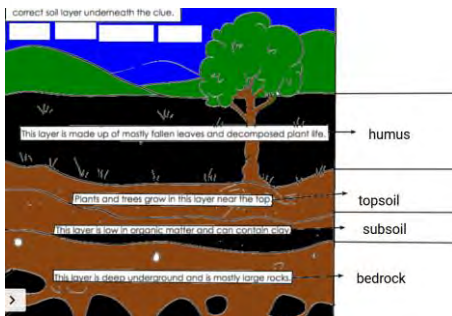
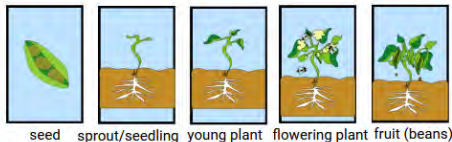


**Tigertv**

What's your sound?

- **Science/Sustainability Lessons integrated into library lessons**
- Earth Week Activities for all grade levels
  - Creation of PSAs for school morning news

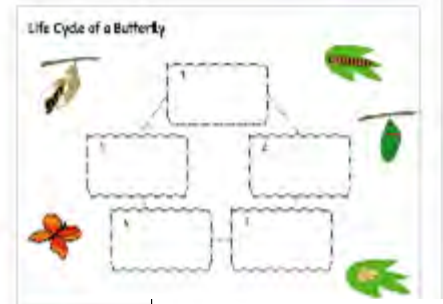
**Life Cycle of a Plant**



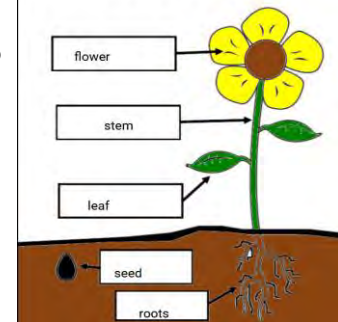
When it is Spring I see

<p>Recycle</p>	<p>Trash</p>
<p>Paper</p>	<p>lunch tray</p> <p>Milk Carton</p> <p>Plastic Bag</p> <p>Spoon</p>

<p>Weather Description</p>	<p>Human Made</p>



**Parts of a plant**



# H-B Woodlawn

**Arlington Special  
Education PTA**  
*everychild. onevoice.®*

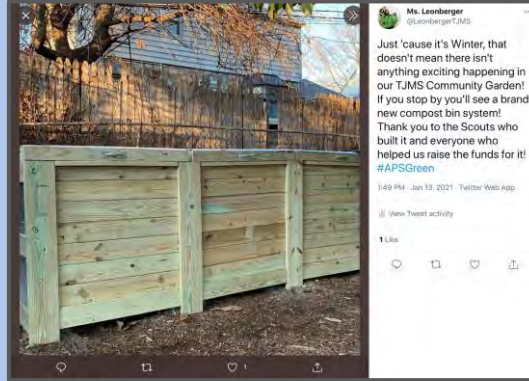


H-B's GREEN Club has spent the year meeting virtually and planning how we'll use grant funds from several partner organizations. **We received funds from SEPTA for accessible gardening for H-B and Shriver students;** WWF funds to support reducing food waste; and CBT funds to promote greater stewardship of the Potomac River.



Raised garden bed for increased accessibility

# Jefferson Middle



Began **new compost program** at Jefferson Garden!

Continued work in Jefferson community vegetable garden



Over 50 seed kits distributed to students!





# Discovery Elementary

This school year our Eco Action students have focused on ways in which they can continue their sustainability work from *home*. During our virtual monthly meetings, we've focused on the **consumption and waste, energy, and healthy living** "[sustainability pathways](#)" thus far.

We've had the pleasure of hearing from experts in composting, lightbulbs, and nutrition! Right now we're in the process of planning an **Earth Day Celebration on the school grounds** in which Green Leaders will facilitate trash pickup, garden maintenance, and outdoor classroom organization.

Lights off



**Eliana**

(for the healthy living guest speaker)

How often can I eat Cheetos?

♡ 0

Discovery Eco Action Celebrates

# EARTH DAY

Join us on the Discovery school grounds  
Saturday, April 24, from 1-3pm



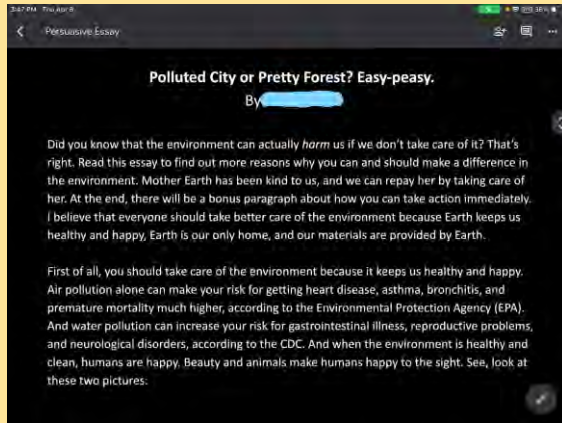
We earned our third renewal of the  
Eco Schools Green Flag!



# Glebe Elementary



Students at Glebe have met virtually once a month to learn about sustainability and share their practices at home. We have **recorded student presentations to share with the school**. Presentations have included; home gardens, examples of upcycling, posters and persuasive writings about pollution. We also have a **“No-Waste Wagon”** to collect the unopened food from our student lunches and redistribute the food to those in need.



# Ashlawn Elementary



One week/month Fall & Spring of after-school gardening led by 6-8 community volunteers & Ashlawn S.L., at school & at Reevesland Learning Gardens. Total preK-5th gr. families so far: 433 diverse folks, masked & safely distanced - **planting, tasting, observing & harvesting for area food banks.**





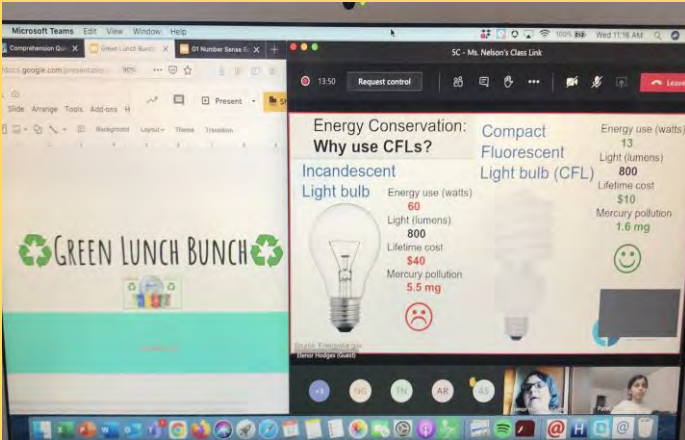
# Arlington Traditional Elementary

This year we have a Green Lunch Bunch for our fifth grade students that meet once a month. The students come up with a **#GreenTipoftheWeek** which is shared out to our ATS community through School Talks. The green tip is also shared to classrooms by our SCA representatives. We have had cross meetings with the Yorktown Environmental Club and EcoAction Arlington.

Another initiative we are working on this year is in **partnership with Project Plant It**. 1st and 5th grade students will receive tree seedlings and wildflower seeds to plant and observe at home through April, May and June.

Looking ahead - we are moving buildings. Next year we plan to

- build another garden
- start a compost
- continue our waste reduction initiative



# Randolph Elementary

Continuing a garden solo, but looking for more opportunities to share greenery with our kids. The second graders learned about plant life cycles, so they got pea plants to grow at home! We will be having a **Mulch in May** event on Saturday, May 8.



Using a Choice Board from Jamestown during Earth Week, and a possible marker recycling next year. Nature Box after school club will be incorporated next year for in-person students.

# Restoration of the Potomac River: Grasses for the Masses

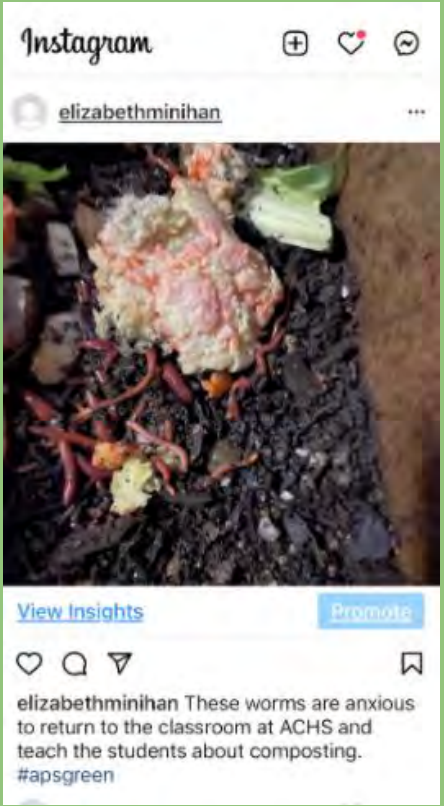
# Arlington Community High

Competency 9 Civic Responsibility integrating Arlington County's sustainability initiatives into Environmental Science Curriculum - knowledge & skills to act!

Feb. 2021 - shoots emerge.



April 2021 - grasses will be planted in the Potomac in May!



Reducing the impact of food waste by composting.

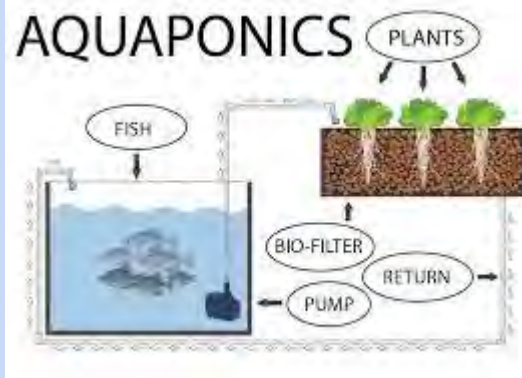
# New Directions

This year students in the Environmental Science classes were presented with the challenge of **designing their own sustainable cities.**

Being that all of the students are virtual learners instead of actually “constructing” their cities virtual designs were permitted.

Students also had to submit a written component and were asked to present their designs to me.

This project has allowed us to incorporate very unique topics within the class curriculum and is inspiring ideas for what we might include in our own garden next year!



## **Best City Features Included:**

- **Communal Gardens**
- Wind Turbines
- **Solar Panels**
- Aquaponics Gardening
- **Beekeeping**
- Trade Systems
- Low Emission Transportation
- Clothing Produced from recycled materials
- Community Composts

**AND SO MUCH MORE!!**

