

2021 NEW JERSEY

SUSTAINABILITY SUMMIT



Sustainable Jersey Tag Teams

Wednesday, May 19, 2021



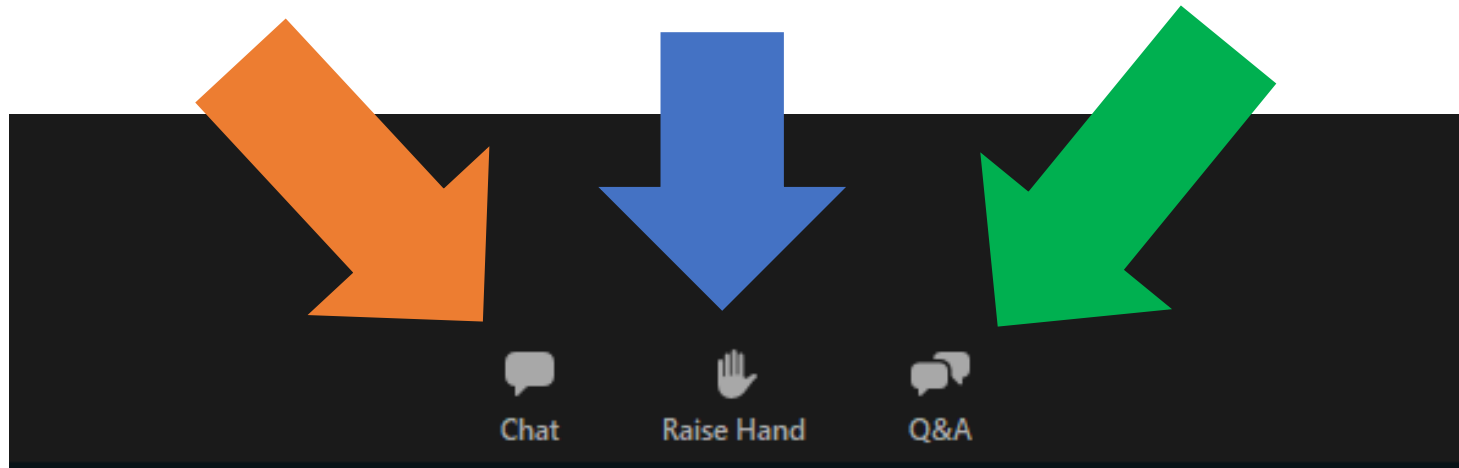
Navigating Zoom



Use the chat feature to respond to presenter questions and share your thoughts with others.

Respond to a presenter question, click on this icon.

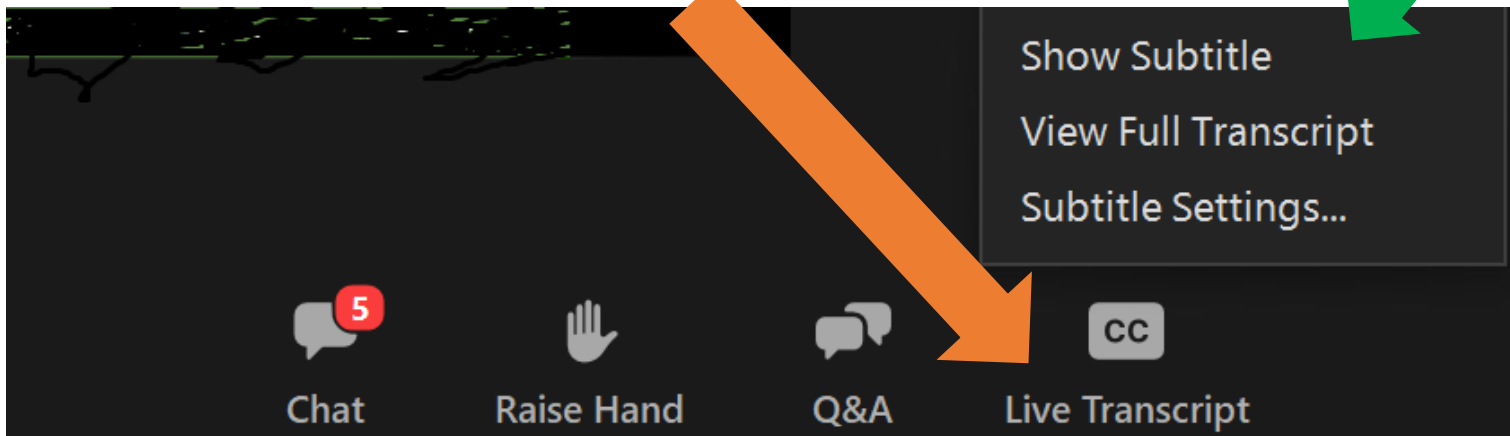
Use Q&A for **questions for the presenters**. You can also “like” questions to move them up on the list.



Navigating Zoom

1. Click on Live Transcript

2. Click “Show Subtitle” to get the live transcript across the bottom of your screen.





Announcements



- June 6 – municipal certification deadline
- June 21 – school certification deadline
- FREE technical assistance for one community to develop a Water Story (sustainablejersey.com/grants)
- \$75,000 in grants for resiliency & environmental stewardship projects in Atlantic City Electric territory (sustainablejersey.com/grants)



Presenters



- Debra Hammond, Delran Green Team & Erica DeMichele, Sustainability Program Coordinator, Delran School District Green Team
- Kristen Hall, Chair, Rumson Environmental Commission
- Christa Delaney, Egg Harbor School District



Collaboration Actions



- Green Fair
- Community Education & Outreach
- Civic & Stewardship Initiatives
- Community Asset Mapping
- Green Challenges
- Non-Mandated Materials Recycling
- Materials Reuse
- Waste Audit
- Outdoor Air Quality/Anti-Idling Education & Enforcement
- Safe Routes to School
- Pedestrian and Bicycle Safety and Promotion Initiatives

Municipal Site: <https://www.sustainablejersey.com/resources/green-team-resources/working-on-certification/>

School Site: <https://www.sustainablejerschools.com/get-involved/promote-collaboration/>



Look for the Collaboration Icon



School Culture & Climate Needs Assessment	 	20
Social Emotional Learning Integrated Unit	 	10
STUDENT & COMMUNITY OUTREACH		
Green Team 	 	10-15
Community Education & Outreach 	 	10
Civic & Stewardship Volunteer Initiatives	 	10
Enrichment Programs through Partnership		10
Green Challenges	 	10
Green Fair	 	10
“Green” Your Green Fair or School Event	 	10



Collaboration Filter

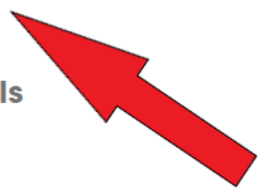
new tab or window.

Search Actions

Type in a word(s) to identify all actions with that word(s) in the title

Click a box below to open all the actions with that attribute. Clear Search before selecting a different box.

- Mandatory
- Priority
- District Only
- School Only
- Collaboration
- Digital Schools



Search Actions


Clear Search

↑ BACK TO TOP EXPAND ALL ▾ COLLAPSE ALL ⌵

Board Leadership & Planning ^

School Community Asset Mapping

10 Points

 Collaboration



Green Team Collaboration Award



Certification

Actions

Grants

Events

Resources

Get In

> **Certification Overview**

Why Get Certified?

2021 Certification Cycle

Digital Schools Program

Registration Overview

Register a District or School

Special Awards

Green Team Collaboration Award

This award recognizes municipal and school green teams working together to advance sustainability in their schools and communities. Click on the video to the right to meet the school, and learn more about their sustainability initiatives.

View all previous recipients [here](#).



2020 Recipients

Egg Harbor Township School District & Township Green Team (Atlantic County)



Collaboration Resources – Participants Map



- Filter by certification status
- Filter by certified action
- View certification report
- View applicant profile with contact information

Search Participating Municipalities & Approved Actions

Find green team contacts and learn how certified communities successfully completed Sustainable Jersey actions by using the search features below. You can filter by **certification status**, **action**, and **county**. For additional information about searching the map click [here](#).

461 Total Registered **220 Currently Certified** **11,735 Actions Approved** **1 Gold Star Awarded**

MAP VIEW LIST VIEW

Filter This Map

By Status

- Registered
- Bronze Certified
- Silver Certified
- Gold Stars Awarded
- Any Certified
- Any

Filter

Reset

By Certified Action

Animals in the Community

Arts & Creative Culture

Brownfields

Community Partnership & Outreach

Create Green Team

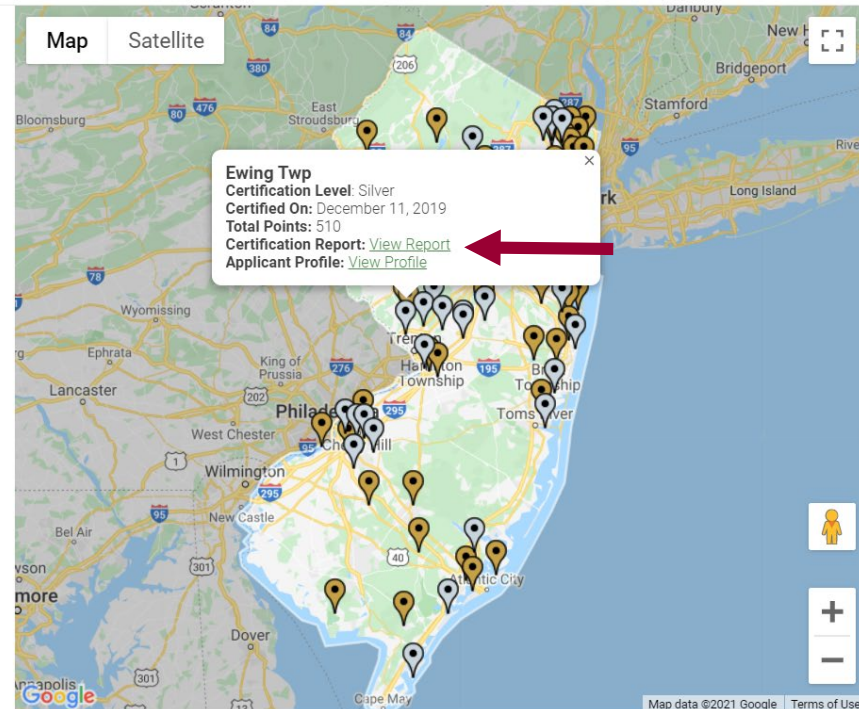
Community Education and Outreach

Green Challenges

Green Fairs

Hold a Green Fair

"Green" Your Green Fair



Search Features

Use the **Filter** function to search for green team contacts and documentation submitted by certified municipalities for approved actions.

Municipal Site:

<https://www.sustainablejersey.com/certification/search-participating-municipalities-approved-actions/>

Schools Site:

<https://www.sustainablejerschools.com/certification/search-participating-districts-schools-approved-actions/>

Collaboration Resources – Participate in a Regional Hub



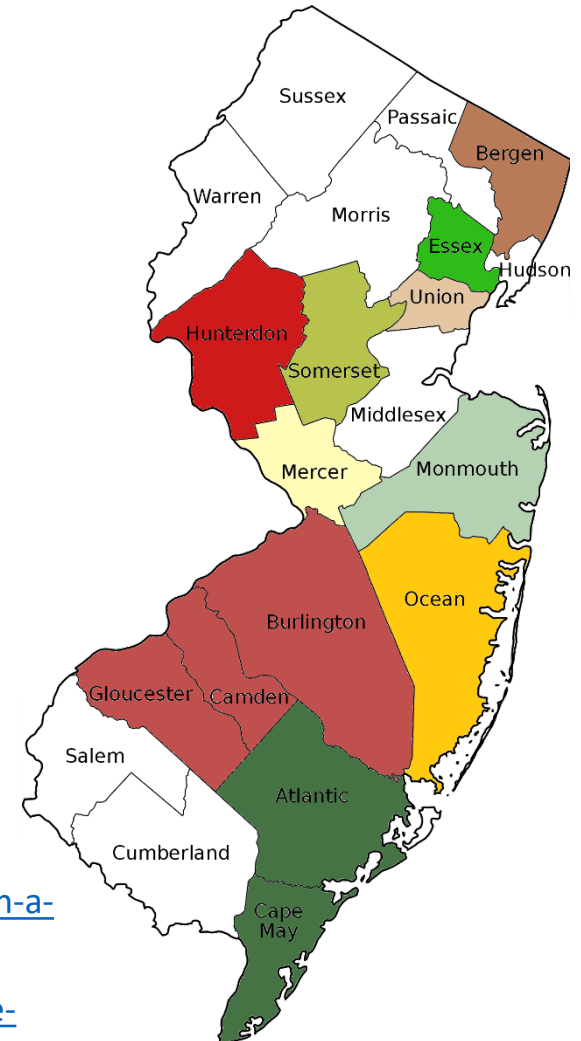
Ten hubs around the state to help green teams build capacity through training, best practices resources and networking.

Benefits

- Peer mentoring
- Project collaboration
- Online communication platform
- Network of Leaders
- Quarterly Events
- Help Peers Get Certified
- Technical assistance & administrative support from SJ

Municipal Site: <https://www.sustainablejersey.com/get-involved/participate-in-a-green-team-or-hub/#c4006>

School Site: <https://www.sustainablejerschools.com/get-involved/promote-collaboration/>



PROGRAM UNDERWRITERS



The Geraldine R.
DODGE

FOUNDATION

IMAGINE A BETTER NEW JERSEY



SUMMIT SPONSORS



Horizon Blue Cross Blue Shield of New Jersey



Engineered by Superpedestrian





More Sustainability Summit events to come!



- List of Summit events with registration - **bit.ly/NJVirtualSustSummit**
 - Sustainable Movie Night: A Discussion of Kiss the Ground, 5/20 at 7:00pm (*requires screening film prior to discussion*)
 - Sustainable Jersey for Schools Goes Digital – 5/21 at 10:00am
- Recordings of Summit events – *will be posted by 5/28.* **www.sustainablejersey.com > Resources > Presentations > Sustainability Summit**



Questions?



- Heather McCall – Director, Sustainable Jersey for Schools
 - mccalh@tcnj.edu
 - 609-771-2469

- Samantha McGraw – Program Manager
 - mcgraws@tcnj.edu
 - 609-771-2855

*Delran Township Schools &
Delran Municipal Green
Teams
Tag Team for Sustainability*

*Erica DeMichele
K-12 Supervisor in Delran Schools*

*Debra Hammond
Delran Municipal Green Team*



DELRAN GREEN TEAM

Growing a better place
to live, work and play

www.sustainabledelran.org

Our Start in Sustainable Jersey

- Two programs:
 - Municipalities and school programs started in 2014
 - We both became Bronze certified in 2015 (municipality and one of our schools, Millbridge Elementary)



2017 Green Team Collaboration Award

Green Team Collaboration Award- recognizing municipal and school green teams working together to advance sustainability.

- Education at Delran Day
- Delran STEM Fair
- Planting 1,800 native species Millbridge School rain garden
- Planting wildflowers in the community
- Biodiversity audit completed by the middle school, in conjunction with the Municipal Green Team's task force on collecting data to stop the invasive [Emerald Ash Borer.](#)



Programs: Community Cleanup Days

- Hundreds of students participate over the last five years, cleaning:
 - School grounds
 - Conrow Park, Brown Park, Community Park
 - Historical graveyard sites
- Delran Municipal Green Team
 - Applies for the Clean Communities Grant, providing all the materials
 - Ticks and poison ivy training for students before going out

Delran Community Cleanup A Success

APRIL 6, 2018 OVER 300 STUDENTS & COMMUNITY JOINED FORCES!

K-12 STUDENTS AND DELRAN GREEN TEAM MEMBERS WORK ON A CLEAN COMMUNITY GRANT IN DELRAN TOWNSHIP

On April 6th, a day which would have been a part of Spring Break for Delran students, over 300 children and Green Team leaders from Delran collaborated to clean their school grounds and local area parks and businesses. At the start of each of the four cleanups, education about safety, including plants and ticks occurred. Then, in teams of three, the children went out to clean their town! In total, the teams collected 83 bags of trash and 16 bags of recycling. What a day!



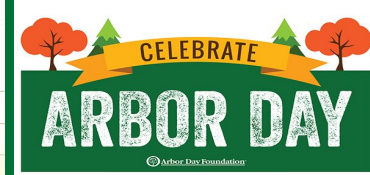
Programs: Delran STEM Fair

- All of our Green Teams participate
 - Chicken Ladies
 - Electric Vehicles
 - Municipal Teams
 - Police
 - Fire
 - Leaf Truck
 - Student team presentations
- Fab Lab and greenhouse tours and demos



Programs: Arbor Day

- Trees planted in the district and through the community
- Delran Municipal Green Team
 - Education and planting assistance from
 - Grant funded to give students a tree to plant



Programs: Spotted Lantern Fly

- Student PSA Contests
- Municipal Team scraping events and social media presence
- Collaboration with the Burlington County Commissioners to host a virtual information event

Burlington County's Fight Against the Spotted Lantern Fly

May 11, 2021
6:00-6:30 pm
[Google Meet](#)



Stop this Invader and
Protect our trees!

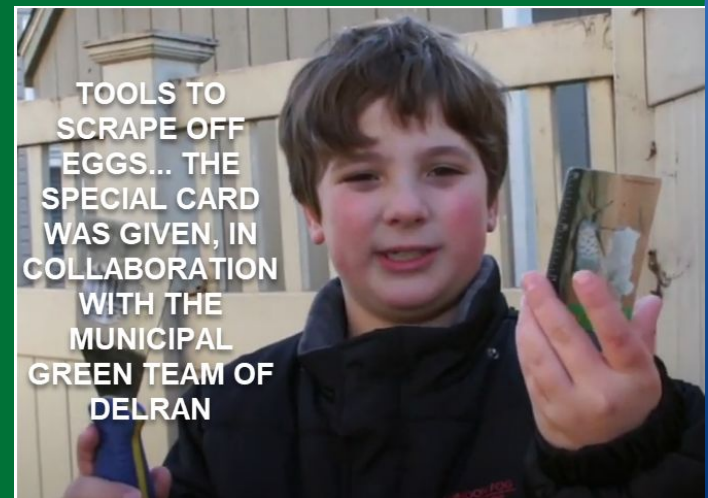


What are they?

- The Spotted Lanternfly is an invasive species that destroy fruit crops, trees and plants by hopping from plant to plant, crop to crop, and tree to tree it hitchhiked here from China.
- Its top wings are grey with black dots and under the wings black and red with black spots.



TOOLS TO
SCRAPE OFF
EGGS... THE
SPECIAL CARD
WAS GIVEN, IN
COLLABORATION
WITH THE
MUNICIPAL
GREEN TEAM OF
DELTRAN



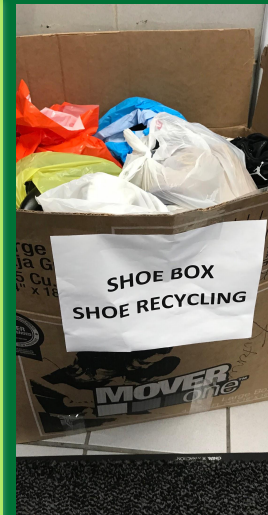
Programs: DIS SOLACE Garden

- Boy Scout troop Eagle Scout project allowed the dig
- Now, the pond, outdoor classroom and garden are all a part of the work we will do in curriculum & instruction as well as for use by our community



Programs: Recycled Toy, Costume and Shoes

- Student PSA Contests
- Municipal Team scraping events and social media presence
- Collaboration with the Burlington County Commissioners to host a virtual information event



Intermediate School - ShoeBox Recycling Dashboard

Organization's Sustainability Report ?

SHARE



14
SHOEBOXES



555
LBS. RECYCLED SHOES



935.1 K
GALLONS OF WATER
SAVED



9.4
TREES SAVED



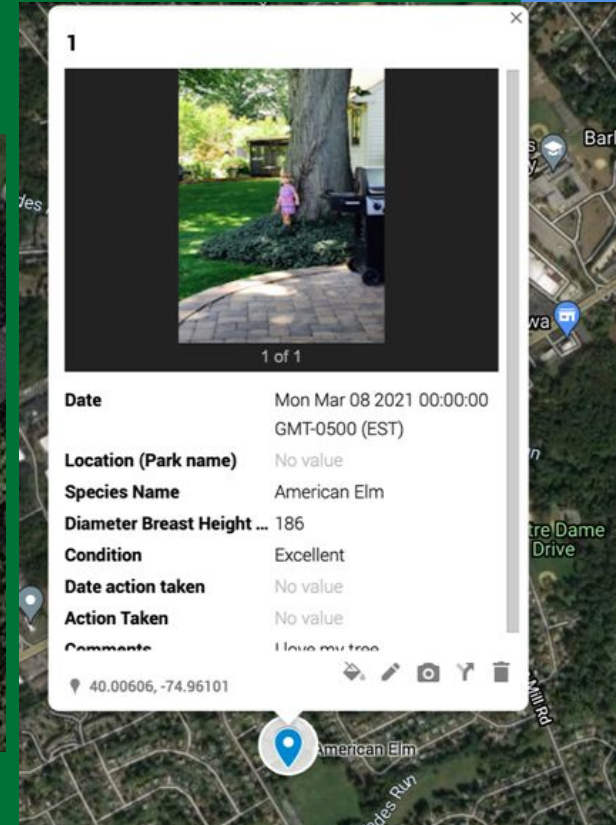
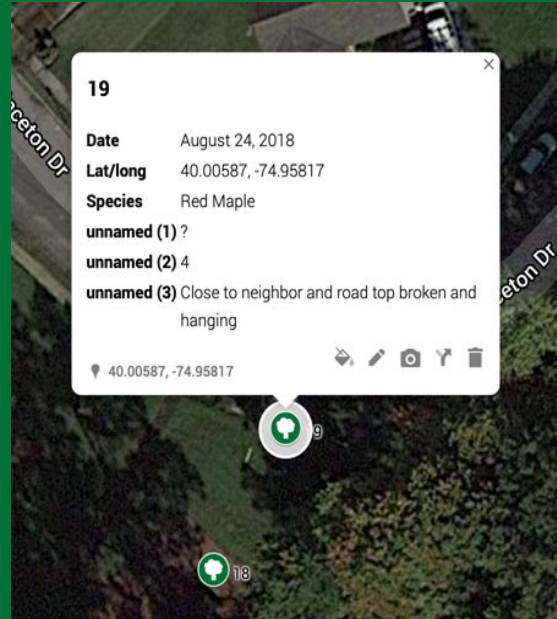
8,535
LBS. CO₂ EMISSIONS
REDUCED

Learn how we get these numbers?

The data above is updated weekly and includes recycling from 2016 to Present

Programs: Community Service Hours and Tree Identification and Assessment

- Students in Grades 11- service hours
- Tree inventory on their own in the community parks to identify species
- One day training event
- Google Maps will be created and shared
- Ordinances may change



Our Strategic Plan.. Continued Collaboration

- Collaboration and maintenance of Sustainable Jersey certifications
 - Bronze (150 points)
 - Silver (350 points)
- Quarterly meetings between the teams
 - Goal setting
 - Annual reporting
 - Summer hours for the Sustainability Project Managers to continue their work





Rumson Green Team & Rumson School District Integrating Environmental Education into the School Curriculum

Kristen Hall • May 2021



COLLABORATION, COLLABORATION, COLLABORATION!



Middle School Environmental Club: KIDS TEACHING KIDS

Student-led bridge between the Environmental Commission & School District





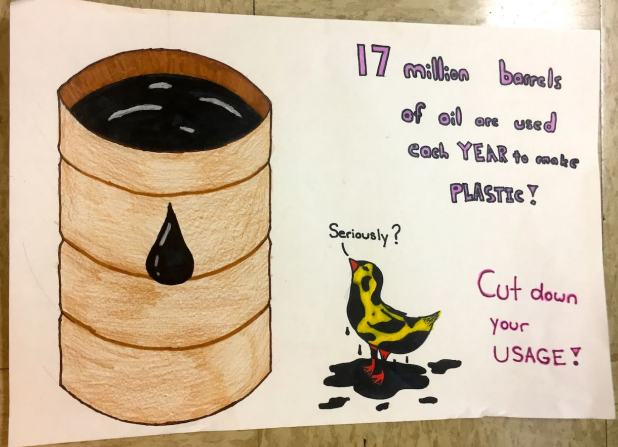
SINGLE USE PLASTIC ED



CLEAN UP PARKS DAY



EDUCATIONAL MOVIE NIGHTS



OPERATION OYSTER

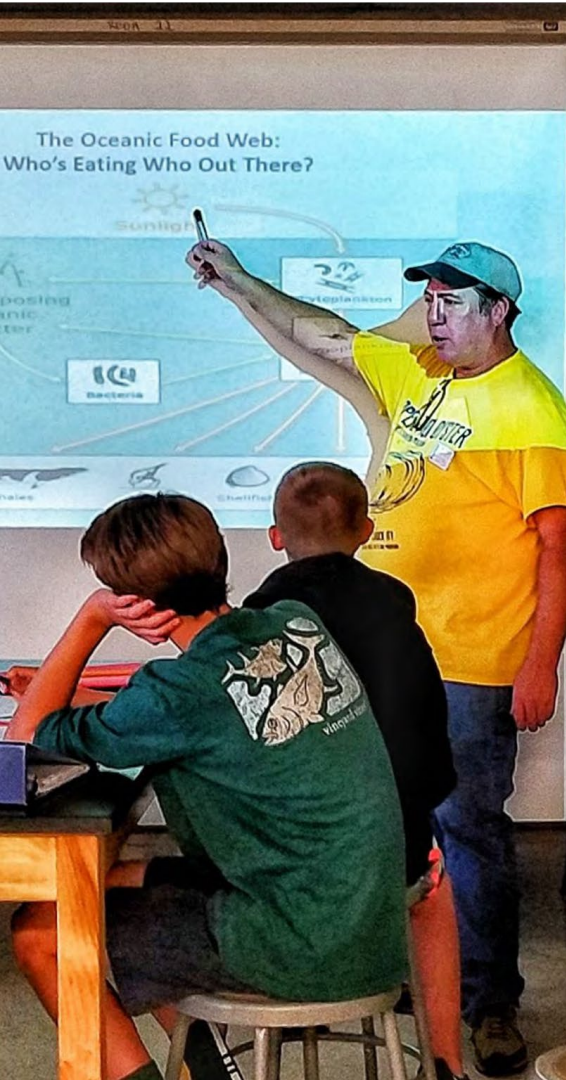
OYSTER RESTORATION PROGRAM



American Littoral
Society

Operation Oyster
multidisciplinary
educational program
7th grade curriculum







Arbor Day Legacy Tree Ceremony & Planting
Each entering kindergarten receives a “Legacy Tree” dedicated to their graduating class and a seedling to plant at home





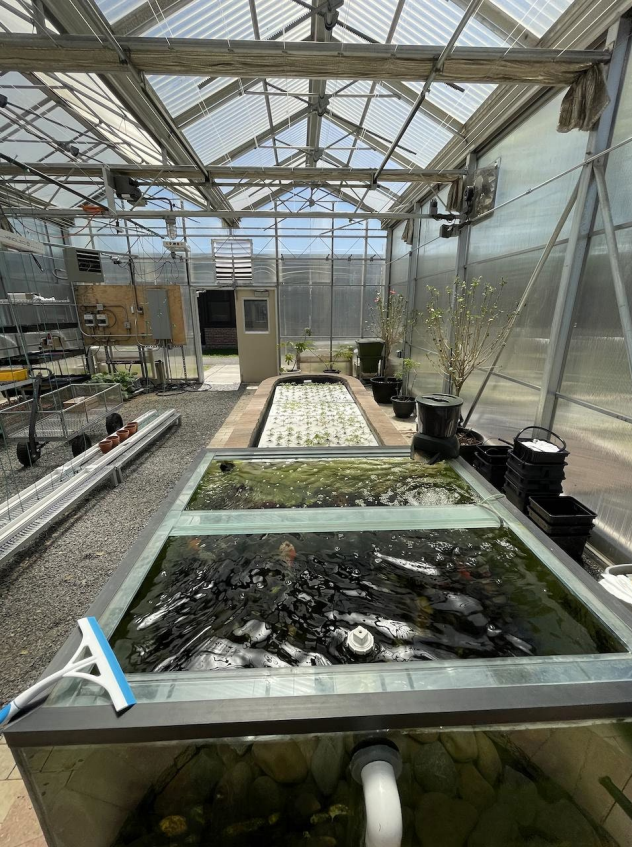


RUMMSON

j u n i o r

GREEN TEAM

Continuation of middle school Environmental Club for high school & college aged kids
who want to be leaders in environmental efforts on municipal level



Green House Renovation

Aquaponics Lab, Mushroom Farm, Experimentation Stations...

STEM Agriculture: 7th and 8th Grade Curriculum

7th Grade

1. History of Agriculture & Civilization
2. Science of Agriculture
3. Fungi Farming
4. Marketing & Packaging
5. Growing Our Community Challenge

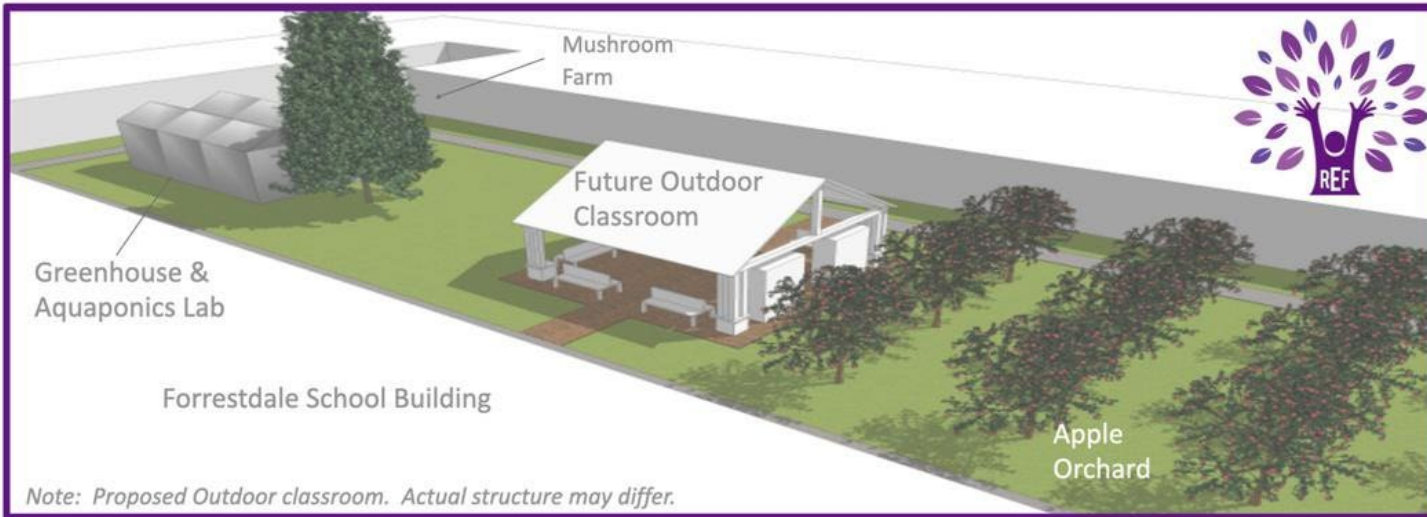
8th Grade

1. Our Hungry Planet: population growth
2. Farm to Table
3. Pollinators
4. Go With the Flow: Non Point Source Pollution
5. Save the Soil Challenge
6. Room to Grow: development and resources
7. Biotechnology: DNA changes and GMOs

Not just for experimentation: mushrooms and vegetables are harvested for use in cafeteria several times per year



Rumson Education Foundation

[Home](#)[Celebration](#)[Golf](#)[Kitchen Tour](#)[Past Events](#)[Grants](#)[About Us](#)[Contact](#)[CLICK TO
PURCHASE](#)

THIS TIME, OUTSIDE!

[CLICK TO
PURCHASE](#)

Monmouth University Collaboration Estuary Day and Agreement to Build a Field Station



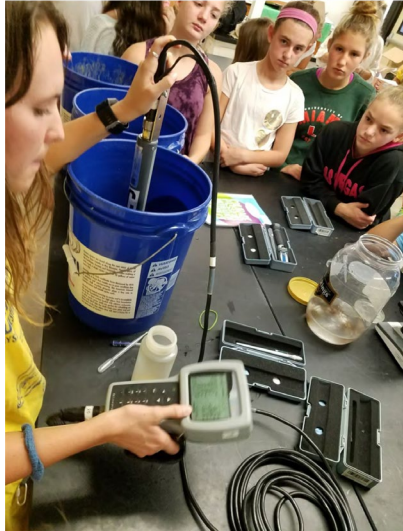
MONMOUTH FIELD STATION

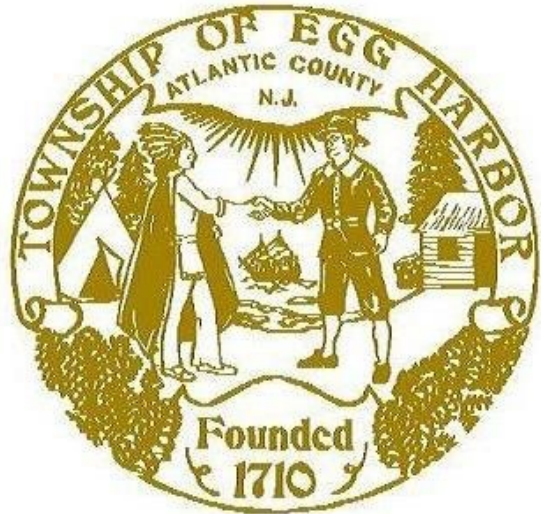
- Will provide unique educational activities for Rumson School District and surrounding school systems
- Direct access to natural ecosystems throughout Navesink & Shrewsbury Rivers
- Array of classrooms, laboratories & meeting spaces
- Hub for research for MU staff and partner organizations



RUMSON GREEN TEAM ROAD MAP TO WORKING WITH THE SCHOOLS

- Establish willing & supportive contact(s) within the school system
- Create/facilitate relationships that can provide or support environmental content
- Provide avenues/funding for environmental activities





Christa Delaney

Egg Harbor Township High School

- Member of District Green Team and High School Green Team
- Member of Municipal Green Team for Egg Harbor Township

Sustainable Jersey Accomplishments

Egg Harbor Township High School:

- Silver Certified - 2015 - 2018
- Silver Certified - 2016 - 2019
- Sustainability Champion Award 2015 & 2016

Alder Avenue Middle School:

- Sustainable Champion Award 2016



Egg Harbor Township Municipality

- Silver Certified - 2018

*Unless otherwise noted, **all** Egg Harbor Township Schools have received **Bronze Certification** since 2015 and are currently certified through 2023

*The district has received **\$30,000** in grants from Sustainable Jersey for Schools

2020 Green Team Collaboration Award Winners

2020 Green Team Collaboration Award

In recognition of the district's efforts to advance sustainability beyond school ground borders and to undertake substantial projects in partnership with Egg Harbor Township's Municipal Green Team

Three educators serve on both the district green teams as well as the municipal green team including:

Christa Delaney - AP Environmental /Advanced Biology Teacher, EHTHS

John Jones - 6th Grade Science Teacher, Alder Avenue Middle School

Jim House - Advanced Environmental Teacher, EHTHS

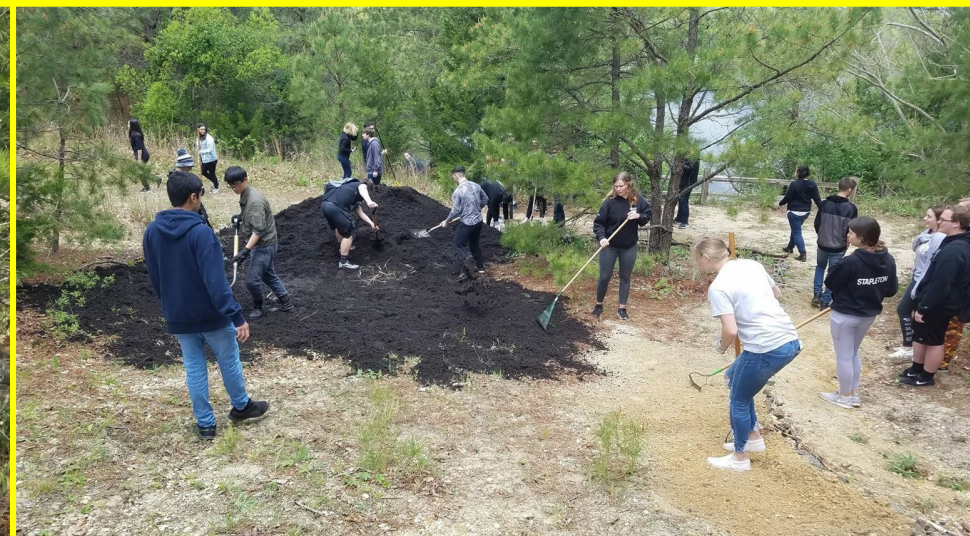
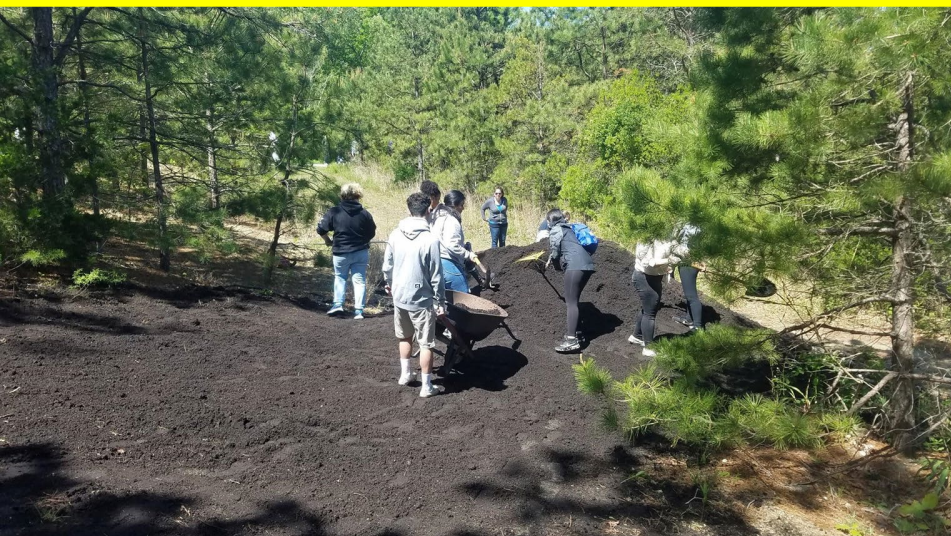
Erosion Issue at the EHT Nature Reserve Is Solved with Wildflowers planted by EHTHS Students

BEFORE (Spring 2019)

Collaboration
Story #1

AFTER (Fall 2019)

Slope Remediation Project at EHT Nature Reserve



Take a Walk on the Wild Side!



Collaboration
Story #2

Smart Trail Project



Visitors to the 'Smart Trail' scan QR-codes with their 'smart' devices to learn more about indigenous plants and animals that call EHT home

Pavillion at the EHT Nature Reserve constructed by Eagle Academy Students

Collaboration Story #3

Construction was provided through a generous grant from the Geraldine Dodge Foundation, volunteer engineering firm Polistina & Associates, and labor donated by Aspenberg Builders Inc. of Egg Harbor Township

Collaboration
Story #4



Funded through a generous \$62,000 grant from State Farm Youth Advisory Board, and created by Egg Harbor Township students, the 6-acre **Community Teaching Garden** is located on the grounds of the Greate Egg Harbour Historical Society. The Teaching Garden provides garden plots for adults who want to grow their own food in a fun, supportive and cooperative learning environment. The Garden provides the perfect setting for students to learn about the importance of organic growing methods that replace the use of chemicals with 'greener' alternatives.

What are our plans for the future?



For the Schools:

*We continue to meet as a district green team.

*We will continue to work on projects that will help us obtain points to either stay certified or to work towards becoming silver certified.

*We look forward to more collaboration in the next school year.

Possible Future Project:
STEM bus (pending grants)

For the Township:

*We are in the process of submitting for this round of the certification cycle.

*We are still having bi-monthly meetings as a Green Team and are looking towards what actions we want to take in the future.

*We are actively seeking new passionate people to join the Green Team.

Possible Future Project: Bike Path continuation/addition