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Maryland Green Centers Application Info Session

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Mary Westlund, *Program Director*

*Click on the link in the chat or scan the
QR code to sign-in.*

*This helps us with our required reporting
for the State Appropriation Funding we
receive.*



<https://forms.gle/kL2EjGQ9r5eLpBdX8>



Maryland Association for Environmental and Outdoor Education



The Maryland Association for Environmental and Outdoor Education (MAEOE) encourages, engages and empowers our community to understand, responsibly use and promote the natural world.

Mission of MAEOE

MAEOE is...

MAEOE is a non-profit, membership association promoting environmental awareness by serving teachers, natural resource managers, nature center staff and environmental program managers with training, conferences, publications, programs and other resources.

MAEOE is an affiliate of the North American Association of Environmental Education

(NAAEE)

MAEOE does...

MAEOE serves as a professional organization for the environmental education community. This support of Maryland's environmental educators enables students to explore, investigate and act to improve the health of their schools and surroundings.

MAEOE commits to...

Meaningful change is the goal of MAEOE's collaboration with other environmental organizations to produce high quality educational programs and equitably promote environmental literacy throughout Maryland.

MAEOE DEIJA RESOLUTION:

MAEOE has been and will continue to be committed to the intentional integration of principles of diversity, equity, inclusion and justice in our work.

We recognize that everyone is unique and that our individual differences, including the dimensions of race, ethnicity, gender, sexual orientation, socio-economic status, age, cognitive and physical abilities, religious beliefs, political beliefs, or other ideologies makes us a very diverse community.

MAEOE acknowledges the importance of dismantling systems of oppression and injustice that prevent equitable access to nature.

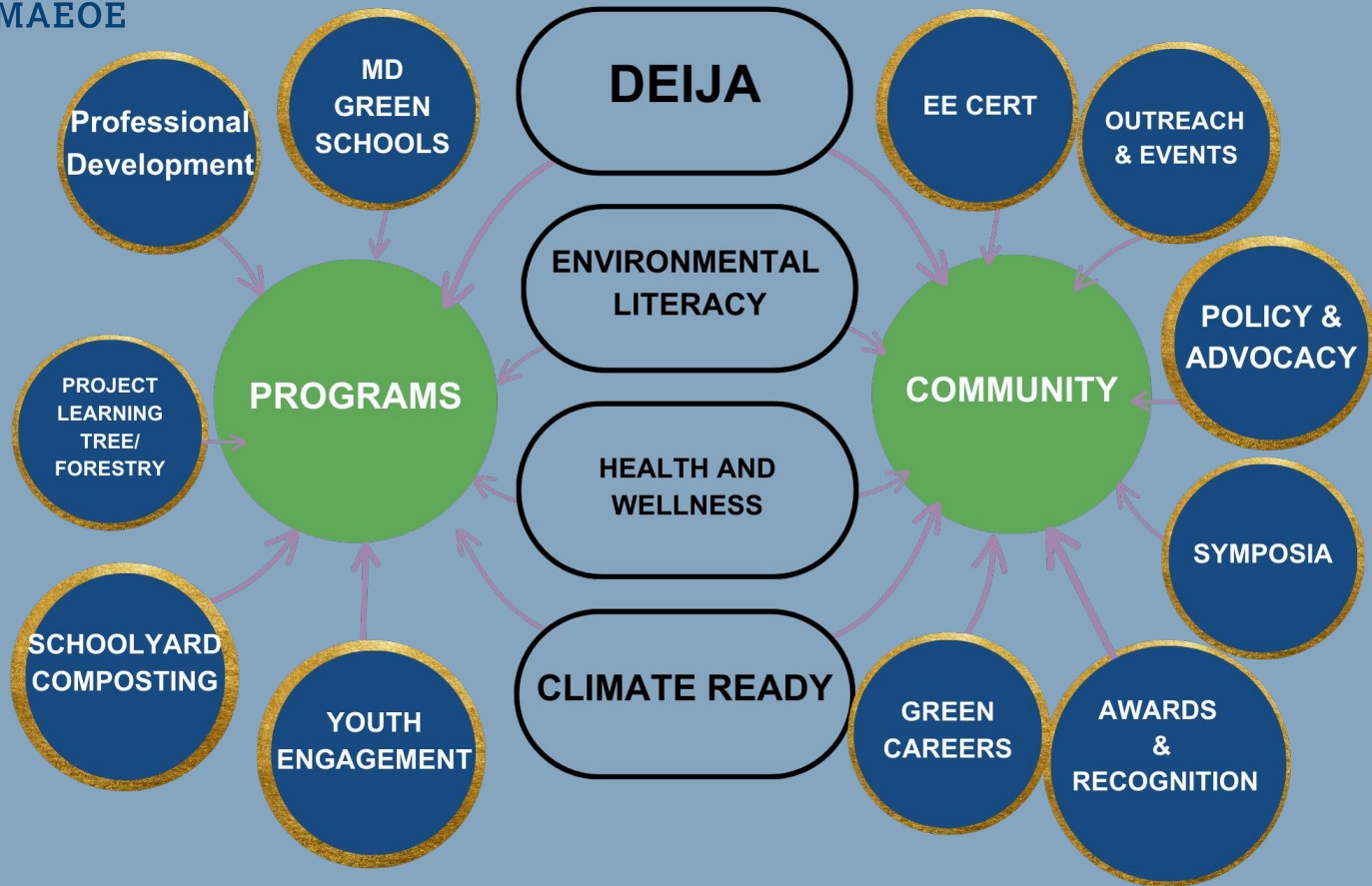


Scan Here for Full Resolution



MAEOE

WAYS TO EXPERIENCE MAEOE



Today's Goals

- Understand Maryland Green Schools Program's goals and impacts
- Become familiar with the Green Center application requirements
- Brainstorm ideas for your Green Center application

Agenda

1. Green Schools Program Overview
2. Getting Started
3. Completing the Application: Best Practices
4. School Metrics Survey
5. Objectives 1, 2 and 3
6. Contact MAEOE

What you are doing.

**What you'd like to
do.**

Questions.

Nationally recognized, the Maryland Green Schools Award Program (MDGS) allows schools and their communities to evaluate their efforts in environmental sustainability.



What do Green Schools do?

Environmental Stewardship
Empower Youth



Environmental Sustainability
Instructional Support

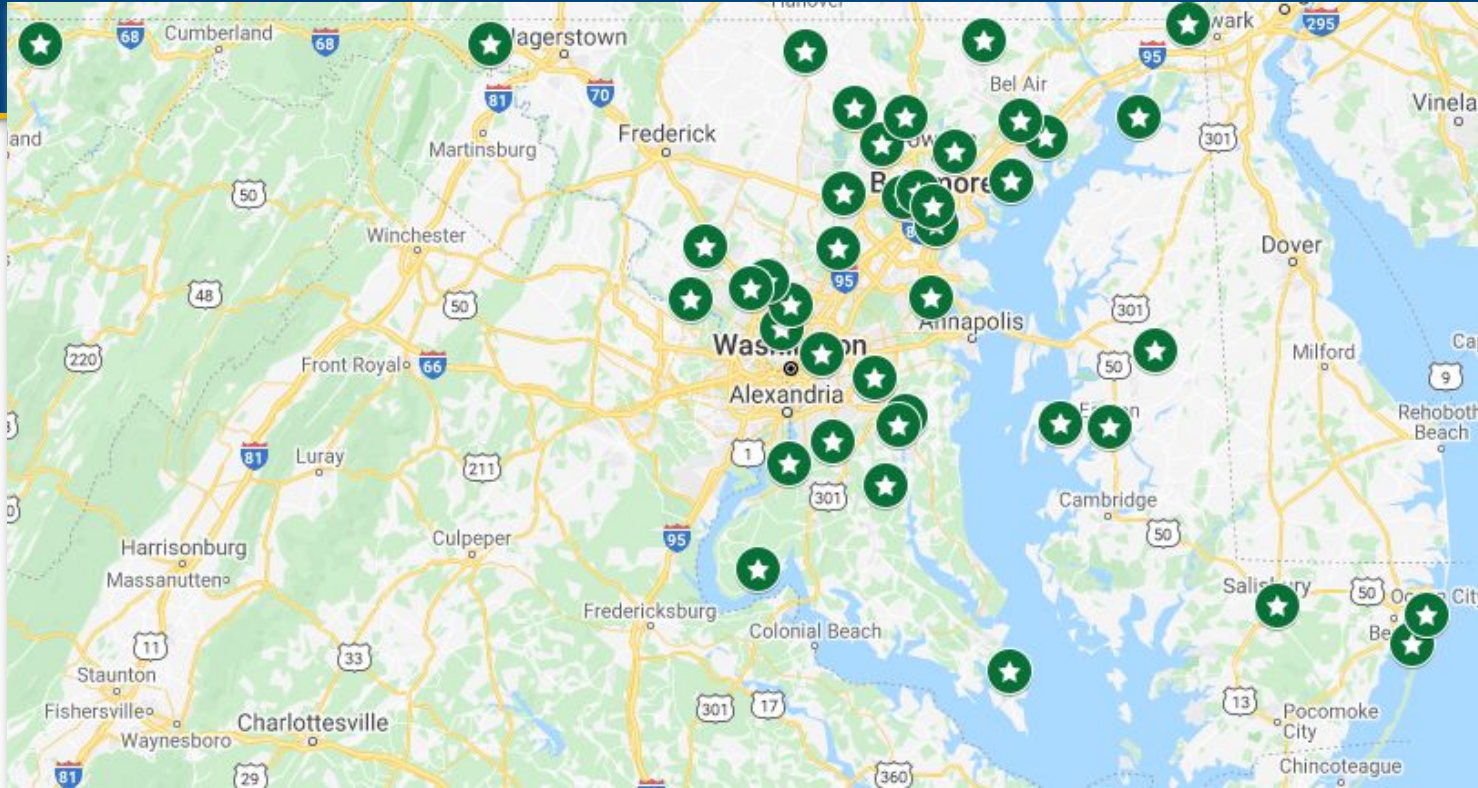


Green Center Leader Role

- Promote and support green actions in your center/organization
- Share information about MD Green Schools program with staff
- Support and encourage youth green actions at your site AND at schools
- Participate in MAEOE programs:
 - Green Center Leader Meetings
 - Info sessions and trainings
 - Green School application review
 - Youth Summit



Green Centers in Maryland



MAEOE

Environmental Literacy In Maryland

Students who are environmentally literate:

Possess the **knowledge, intellectual skills, attitudes, experience, and motivation** to make and act upon responsible environmental decisions as individuals and members of their communities.



2014 Chesapeake Bay Watershed Agreement

1. Environmental Literacy
2. Student Outcome (MWEE)
3. Sustainable Schools

Code of Maryland Regulation 13A.04.17(COMAR)

1. Every student graduates from high school environmentally literate.
2. Environmental literacy in Maryland includes both in-school and unstructured experiences for varied audiences.

Green Schools & Centers Work Together

- Collaborate on student actions
- Engage community in school activities
- Engage schools in center activities
- Work together to complete application requirements



Getting Started

1. Create a Green Center Committee
2. Make a list of green activities.
3. Read the Application Guide
4. Review the FAQs.
5. Review the Application Timeline
6. [Review example](#) applications.



Application Checklist

- ❑ **Intent to Apply (\$100); due December 15, 2023**
- ❑ **Digital application is due by March 1, 2024**
 - ❑ Cover Sheet
 - ❑ One-Page Summary
 - ❑ Top Five Accomplishments
 - ❑ Center Metrics Survey
 - ❑ One-page Goal Summary (*Applications 4, 5 and Beyond*)
 - ❑ Information and Documentation for Objectives 1, 2, and 3 (*Applications 5 and Beyond ONLY will complete simplified version*)



NEW THIS YEAR! Application Submission Window

RECERTIFYING CENTERS have the option to submit their application during the **December 15, 2023 - March 1, 2024** submission window.

- **Future actions:** capped at two events/actions and require a letter or email from an administrator stating the action is planned and will be executed.
- **Current school year** actions and instruction must be shown.
- **No early announcement:** Announcements for all successful centers will be Earth Day regardless of when the application is submitted.

NEW CENTERS are not eligible to submit before March 1.

STRONG Documentation

Photos- *active participation*
 Student work/reflections
 Dated correspondence
 Agendas
 Certificates of attendance

Captions for all documentation are required!!

Photo



Students building the bird houses.

Staff Meeting Agenda

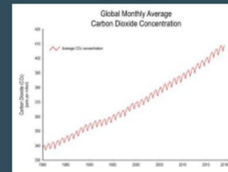
Time and Topic:	Attendees:	Location
12:30-3:30 CPR Training	KCHS Administration (Hemstetter, Pretlow, Rivello, Collins) LaToya Johnson Amber Britt School Counselors (Miller, Jenkins) Scott Metzbowser Kevin Nelson Michelle Phillips	Cafeteria
1:00-1:40 Prep for afternoon meetings	All Staff	Departments
1:45-2:15 Grading Expectations and Trojan Time	All Staff	Media Center
2:15-2:30 Green Schools Presentation	All Staff Jackie Doerr	Media Center
2:30-3:40 Departments Math- IM planning Science- Green Schools App ELA- Vetting Process for MSDE Units Social Studies- Writing SLO grading/data analysis CTE- SLO planning Fine Arts- SLO planning Phys Ed- SLO planning Foreign Lang- SLO planning SPED - SLO planning	All Staff	Departments

Agenda of the 1/25/23 Greenschools Meeting.

Student Work Sample

Problema:

Los coches queman fuelles fósiles y crear polución, de dióxido de carbono. Dióxido de carbono es un gas de la invernadero y causar el calentamiento global.



Los emisiones de dióxido de carbón típico para **los coches es 6 tonelada por año.**

Esta aproxima **272.48 millón coches en el USA.**

En total, los coches producen **1,634,880,000 tonelada de dióxido de carbón por año**

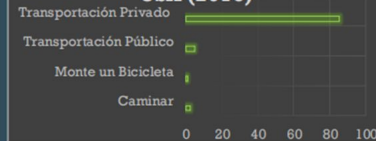
Solucion:

No usar transportación privado. Su puede usar el transporte publico, monte en una bicicleta o caminar.

Plan:

Incentivar personas a usar los formas de transportación publico y beneficioso a la medio ambiente. Los personas puede documento cuanto estos usar otros formas de transportación, y conseguir un regla de la gobierno. Esta un solución a cambio climático por que menos personas ir a usar coches, tan menos dióxido de carbón se producen.

Tipos de Transportación en USA (2016)



Example of infographic created by students about climate change in Spanish class.

WEAK Documentation

Do Not Include:



Photos of a project without students OR without student action being evident.



Partner's Logos

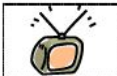













Web Images

Name: _____ Date: _____

Electricity sort
Cut and paste the objects into the correct column.

Uses Electricity	Does not use Electricity

Lesson Plans/ Blank Worksheets

Green Center Application Objectives

Webinar Schedule (May – October, 2019)

May 13 (2-3 pm ET): Large Scale Oyster Restoration in Chesapeake Bay – Stephanie Westby (NOAA, Restoration Center). This webinar will be an overview of the collaborative Chesapeake Bay oyster restoration effort that NOAA, US Army Corps of Engineers, state natural resource management agencies in Maryland and Virginia and several NGOs and academics have undertaken.

May 30 (2-3 pm ET): Using Integrated Stream and Wetland Restoration Systems to Improve Habitat and Achieve Clean Water Objectives – Eric Nicholson (State of New York, Department of Public Works). This talk will discuss how Anne Arundel County, MD has emulated the functional characteristics, restored streams and wetland systems to provide both water quality and habitat benefits in a manipulated landscape.

June 20 (2-3 pm ET): San Clemente Dam Removal: Lessons Learned from the Largest Dam Removal in California's History – Dylan Vuade (Water Systems Council) and Shawn Chandross (Easton Hydrologist). The webinar will discuss the channel restoration in the San Clemente Dam Removal project using a unique approach to step-pool and riffle morphology construction on a deformable bed in an attempt to restore gradient and passage continuity while allowing natural channel evolution.

August 12 (2-3 pm ET): Upper Newport Bay Living Shorelines Project – CA, a PMP funded project – Kate Nichols (Orange County Coastkeeper). This webinar will present results to date of a collaborative living shoreline project targeting the restoration of the Olympia syster, and seagrass. We will provide an overview of the community implementation approach and the experimental design of the project in Newport Beach, California.

September 19 (2-3 pm ET): Winter Lake Restoration Project – Jason Inoué (The Nature Conservancy). The Winter Lake project in the Cascade Basin in Oregon installed seven new state of the art tide gates and restored 1,200 acres in a tidal wetland that allowed for juvenile salmon rearing in a working landscape.

October 17 (2-3 pm ET): The Stream Elevation Triangle: Coupling Biology and Geology – Jason Casey (US Fish and Wildlife Service). The Stream Elevation Triangle is a conceptual model that accounts for the influences of geology, hydrology, and biology, which leads to improved understanding of reach-scale morphology and the dynamic-response mechanisms responsible for stream evolution and adjustment following natural and anthropogenic disturbance.



MC Department of Environmental Protection
@MyGreenMC **Following you**

News & resources from around Montgomery County, Maryland, including the Department of Environmental Protection. Tweet us your environmental stories and events!

📍 Montgomery County, MD 🌐 montgomerycountymd.gov/DEP
📅 Joined January 2013

1,042 Following **2,379** Followers

👤 Followed by Lynne Harris for BOE, MoCo LGBTQ, and 97 others you follow

Objective 1
Systemic Sustainability
PD (teachers and staff);
promoting the GS program,
support schools and GS
app, student programs,
and environmental
changes at center

Objective 2
Student-Driven
Sustainability Practices
Demonstrate that students
are participating in or
learning about
environmental practices
done at your site or off-site.

Objective 3
Community Partnerships
Community partnerships
are important for schools to
be successful in building
long-term sustainable
practices.

Objective 1: Systemic Sustainability

Objective 1: Systemic Sustainability

1.1 Professional Development of Teachers Provide professional development opportunities for local schools.
1.2 Professional Development of Staff (<i>at least 50% of staff</i>) Center teachers/staff have participated in environmental PD during the past two years.
1.3 Promoting the MD Green School Program At least one example of how your Green Center promotes the MD Green School program.
1.4.1 Provide Sustainability Practice Support Provide support for school sustainability projects through funding, materials, technical support, contacts, partnering.
1.4.2 Support Schools' Green School Application Provide PD and enrichment opportunities for classroom teachers; familiarity with the Green Schools application.
1.4.3 Student Programs Provide environmental student programming for students.
1.5 Environmental Changes at the Center Demonstrate the steps taken to continue being green.

Objective 1.1: Professional Development for Teachers

Conduct or facilitate professional development for teachers at the Green Center or at a school.



Objective 1.2: Professional Development for Staff

At least 50% of center teachers/ staff have participated in environmental professional development during the past two years.



Objective 1.3: Promoting the Maryland Green Schools Program

At least one example of how the Green Center promotes the Maryland Green Schools Program.



Objective 1.4: Supporting Maryland Green Schools

2 examples of each:

1.4.1 Provide Sustainability Practice Support

- Provide support for school sustainability projects

1.4.2 Support Schools' Green School Application

- Assist schools with the Green School Application process

1.4.3 Student Programs

- Provide environmental programming for students



Objective 1.5: Center-Wide Environmental Behavior Change

Demonstrate the steps taken to continue being green



Task lighting to minimize the use of overhead lighting

Objective 2: Student-Driven Sustainability Practices

Objective 2: Student-driven Sustainability Practices

Eight actions in four or more practices. The Sustainability Practices must be incorporated into the Center's programs and used as models and tools for instructions

2.1 Water Conservation/Water Pollution Prevention

2.2 Energy Conservation

2.3 Solid Waste Reduction

2.4 Habitat Restoration

2.5 Structures for Environmental Learning

2.6 Responsible Transportation

2.7 Healthy School Environment

2.8 Citizen Science / Community Science

Objective 2.1: Water Conservation/Pollution Prevention

Indoor and outdoor water usage and pollution prevention:

- Smarter water use
- Stormwater management and erosion control
- Identifying and implementing solutions to reduce impact on Chesapeake Bay Watershed



Courtyard garden installation to prevent runoff

Objective 2.2: Energy Conservation

Energy use and climate change:

- Examine facility and individual energy use
- Identifying and implementing solutions that reduce carbon footprint



Energy Station Use

Objective 2.3: Solid Waste Reduction

Resource use, waste disposal and waste management:

- Examine resource use
- Identifying and implementing solutions that reduce the waste stream



Recycled materials owl craft project

Objective 2.4: Habitat Restoration

Native plant and animal habitats:

- Identifying and implementing solutions that improve or restore habitat
- Education on the benefits to the local ecosystem or watershed.



Habitat restoration projects

Objective 2.5: Structures for Environmental Learning

Designing and installing structures that encourage the use of outdoor space for environmental learning, restoring habitat, and returning habitat diversity.

Use of environmental structures at Center



Objective 2.6: Responsible Transportation

Designing and promoting responsible and healthy options for center and visitor transportation.



Idle Free Zone Campaign

Objective 2.7: Healthy School Environment

Promoting healthy indoor and outdoor environment by examining and using different types of cleaners, pesticides, lighting options, drinking water quality, ventilation, food sources, purchasing options, and maintenance choices.



Farm Grown Snack Time

Objective 2.8: Community/Citizen Science

Practice aspects of community and citizen science, or participate in projects:

- Share the purpose and data of a project
- Find solutions to water runoff
- Collect data and submit the data online
- Take surface temperature measurements and demonstrate positive impact of shade from trees and other vegetation



Students collecting data

Objective 3: Community Partnerships, Awards, Special Recognition

Objective 3: Community Partnerships, Awards, and Special Recognition

Information and documentation that includes partner name, date, 1-2 sentence description of activity or project.

3.1 Community Partnerships

Two specific partnerships with schools or other community partners.

3.2 Awards and Special Recognition (Optional)

Describe any awards received for greening activities

Objective 3.1: Community Partnerships

- Demonstrate collaboration with a school, the community, and other partners.
- Two specific partnerships with schools or other community partners required.



*Community Partnership with
Teens*



Boys & Girls Club

Objective 3.2: Awards & Special Recognition (Optional)

Information that enhances your application could include special recognitions.

chestertownspy.org/2018/06/15/shorerivers-honored-with-prestigious-environmental-award/

You are here: [Home](#) / [Ecosystem](#) / [Eco Homepage Notes](#) / [ShoreRivers Honored with Prestigious Environmental Award](#)

ShoreRivers Honored with Prestigious Environmental Award

June 15, 2018 by [Spy Desk](#)

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The Maryland League of Conservation Voters announced this week that it would honor ShoreRivers this year with its prestigious **John V. Kabler Memorial Award**, presented annually to Maryland's most outstanding environmental leaders and organizations.

Past recipients have included such noteworthy environmental champions as Maryland Attorney General Brian Frosh, Maryland Senator Chris Van Hollen, former Maryland Congressman Wayne Gilchrest, former Maryland Governor Harry R. Hughes, and former Maryland DNR Secretary John Griffin.

ShoreRivers protects and restores the waterways of the Eastern Shore and the living resources they support. The organization was formed January 1, 2018, from the merger of three river-protection organizations, and now serves Delmarva from Cecilton to Cambridge, representing rivers and watersheds draining to the Chesapeake Bay.




Photo: Front row, L-R: Elle Bassett, Jeff Horstman, Tim Trumbauer, Suzanne Sullivan, Tim Junkin, Kristin Junkin, Matt Pluta; Back row, L-R: Dr. Estelena Droter, Isabel Hardesty, Laura Wood, Tim Rosen, Ann Frock, Kim Righi, Emily Harris, Emmett Duke, and Rebecca Murphy. [esrc.org/events](#)

What happens after I submit the application?

1. Reviewed by three reviewers
2. If there are any questions or concerns, MAEOE will contact you to make any necessary changes
3. Announcements made on Earth Day, Monday April 22, 2024.

Fall Transportation Funding Available!

Eligibility Requirements:

- Any public or private Maryland school can apply.
- Any non-profit organization working with a school can apply.
- One grant will be awarded per school and/or organization.
- Both a school and an organization cannot apply for funds to cover the same field experience.
- Your school principal/administrator must know you are applying for transportation funds.
- Field experience **MUST** occur in Maryland.

Funding Guidelines:

- The travel for the field experience must occur on or before 12/1/2023.
- Limited funds are available. Awards will be granted on a rolling basis until all funds are allocated.
- An award agreement must be reviewed and signed.
- A final report must be submitted by 12/8/2023.

Distribution of Funds

- A final report must be submitted with a detailed budget, proof of payment (*e.g., evidence of paid invoice to bus company*) by the school to the transportation company, and receipts for any other approved field experience expenses.
- The school will be reimbursed by MAEOE after the final report is reviewed and approved.



Apply Here:

<https://www.surveymonkey.com/r/8J76FH8>

Upcoming Events

Green School Application Virtual Portal Training:

9/27 and 10/26, 4:00- 5:00 pm

Green School and Center Application Question Office Hours:

10/4, 10/10, 10/30 and 11/9, 3:30- 5:00 pm

Intent to Apply Due

December 15, 2023

MAEOE Conference

Towson Sheraton, Towson, MD

February 8-11, 2024

Maryland Green Schools Youth Summit:

Sandy Point State Park

Thursday, May 30, 2024



More Info Here:

<https://tinyurl.com/3tjwj254>

Contact Info

For Green School application questions, email:

applications@maeoe.org.

For funding questions, email:

grants@maeoe.org

Click on the link in the chat or scan the QR code if you haven't signed in yet.

This helps us with our required reporting for the State Appropriation Funding we receive.



<https://forms.gle/kL2EjGQ9r5eLpBdX8>



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