



Youth Environmental Education Grant Program

FY 24 Request for Proposals



Chesapeake Bay Trust

108 Severn Avenue, Annapolis, MD 21403

(410) 974 – 2941 ♦ www.cbtrust.org

Youth Environmental Education Grant Program

At A Glance

Program Summary:

The Youth Environmental Education Grant Program is designed to engage youth and students in outdoor education activities that raise public awareness and participation in the restoration and protection of the Chesapeake and coastal Bays and their rivers.

Deadline:

June 29, 2023 at 4:00 PM EDT

Eligible Project Locations:

This program funds throughout the state of Maryland and the Chesapeake Bay watershed portions of D.C., Delaware, Pennsylvania, Virginia, and West Virginia.

Request Amounts:

Applicants can request funds from one of the following tracks:

- Track 1: Out-of-School Outdoor Investigations for Youth Provided by Community-Based Organizations (up to \$10,000)
- Track 2: Outdoor Classroom, School-Yard Habitat, or Community-Based Improvement Requests (up to \$10,000)
- Track 3: Professional Development for Formal, Non-Formal, and Community Educators (up to \$5,000)
- Track 4: In-school MWEs for Pre-K-12 Students (up to \$5,000)

Submit Your Application:

Follow the instructions online at

https://www.GrantRequest.com/SID_1520?SA=SNA&FID=35005

Contact:

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Introduction to the Chesapeake Bay Trust

The Chesapeake Bay Trust (Trust) is a nonprofit, grant-making organization dedicated to improving the bays, streams, rivers, forests, parks, and other natural resources of all of our local systems, from the Chesapeake to the Coastal Bays to the Youghiogheny River. The Trust, supported in large part by the Chesapeake Bay License Plate, engages and empowers diverse groups to take actions that enrich natural resources and local communities of the Chesapeake Bay region. Since 1985, the Trust has awarded over \$140 million in grants to municipalities, nonprofit organizations, schools, and public agencies throughout Maryland and the Chesapeake Bay watershed.

The Youth Environmental Education Grant Program is a partnership between the Trust, National Oceanic and Atmospheric Administration (NOAA), Maryland Department of Natural Resources, and U.S. Fish and Wildlife Service.

Program Goals

Through the Youth Environmental Education Grant Program, the Trust seeks to increase youth knowledge and involvement in the restoration and protection of our region's natural resources by increasing access to programs that provide robust outdoor environmental education.

The program was established to provide accessible funds to organizations, agencies for youth (generally in the age range of Pre-K to 12th grade), and schools for environmental education and educator support. The program specifically seeks to:

- 1) Educate youth about natural and aquatic resources, their local watersheds, and how they can make a difference in natural resource health,
- 2) Engage communities in education and restoration activities that benefit watershed health,
- 3) Provide environmental education professional development opportunities for formal, non-formal, and community educators,

- 4) Provide Meaningful Watershed Educational Experiences (MWEEs) for students and teachers, and
- 5) Support environmental literacy goals within schools, school systems, and other educational institutions.

** Applicants interested in small requests (<\$5,000) to support community engagement and stewardship projects targeting adult communities should refer to the Community Engagement Mini Grant Program available at <https://cbtrust.org/grants/community-engagement/>

The Trust is committed to the advancement of diversity and inclusion in its award-making and environmental work. As a result, the Trust strongly encourages applications directly from underrepresented groups, and for projects that increase awareness and participation of communities that are traditionally underrepresented, such as communities of color. For a full description of the Trust’s efforts to engage under-engaged groups, please see our 2020-2025 Strategic Plan at www.cbtrust.org/strategic-plan and <https://cbtrust.org/diversity-inclusion/>.

Eligible Project Tracks

Project Track 1: Out-of-School Outdoor Investigations for Youth Provided by Community-Based Organizations (requests up to \$10,000)

Track 1 requests will engage youth in the local community through outdoor investigations led by established community-based organizations. Youth engaged through this track will be participating in community-based, after-school, weekend, and/or summer programs. If the applicant seeks to engage students in partnership with local schools, please apply to track 4. Track 1 requests, submitted by community-based organizations, will be prioritized through this grant opportunity.

Applicants can request funds for project supplies, field trip fees, bus transportation, staff time to support project implementation, and other related costs. Proposals that include the elements below will be prioritized:

- ◆ Inclusion of environmental education best practices and alignment with the MWEE framework.
 - The MWEE framework focuses on youth investigating local environmental issues and then taking informed action to address the issues they have identified. This framework has been proven to assist in the delivery of high-quality outdoor education.
 - The MWEE framework was designed with the formal school classroom in mind; however, can be adapted for out-of-school settings to enhance instruction. Proposals that include the four “Essential Elements” of the MWEE in their instruction and adapt the four “Supporting Practices,” where possible, will be prioritized. Ideas for adapting the elements and supporting practices for an out-of-school setting can be found in the [MWEE Resources Guide](#).
 - Applicants are encouraged to review sources for best practices for meaningful outdoor experiences; specifically the “[Educator’s Guide to the Meaningful Watershed Educational Experience \(MWEE\)](#)” and [Bay Backpack’s MWEE resources](#), which have tools and examples for building a successful MWEE, or this [MWEE Resources Guide](#).
- ◆ Programs that integrate climate change education.
 - The Trust strives to invest in projects and programs that will positively “move the needle” for the health of the environment and communities across Maryland which includes mitigating climate change. Youth should not only learn about the impacts of climate change, but also the solutions necessary to ensure a sustainable and livable world for all. Note: climate change does not have to be the focus of the education effort but could instead be weaved throughout the learning experience.

Project Track 2: Outdoor Classroom, School-Yard Habitat, or Community-Based Improvement Requests (requests up to \$10,000)

Track 2 requests will focus on developing outdoor learning space in local communities or on school grounds through the installation of outdoor classrooms, school-yard native habitats (such as a one-time tree planting or

pollinator garden planting), or community-based improvement projects. There is a growing body of research that demonstrates the benefits of outdoor learning for mental health, stress reduction, physical health, student engagement, and academic success. Applicants must demonstrate how the projects, during design and construction, as well as in the years after completion, will support high quality instruction for youth. Proposals that include the elements below will be prioritized:

- ◆ Demonstration that youth will be involved, through the MWEE framework, in the planning and implementation of the outdoor classroom or habitat,
- ◆ Integration of the outdoor classroom in future MWEE or outdoor learning programs,
- ◆ For school-based projects: indication that the classroom or habitat will be used for certification or re-certification of Green School/Sustainable School status,
- ◆ Creation of outdoor learning environments in areas with limited access to green space,
- ◆ Incorporation of climate change impacts through project planning, design, and implementation, and
- ◆ Supporting attachments including: a draft design plan, photos of the site, native plant list if applicable, letter of commitment from landowner and/or school facilities department, and maintenance plan.
- ◆ While some contractor fees for implementation may be necessary, projects requesting contractor involvement in lieu of any youth involvement will NOT be prioritized.
- ◆ While some contractor fees for implementation may be necessary, projects requesting contractor involvement in lieu of any youth involvement will NOT be prioritized.

Project Track 3: Professional Development for Formal, Non-Formal, and Community Educators (requests up to \$5,000):

Track 3 requests will support professional development (PD) experiences for community educators and/or school staff (such as teachers and administrators) to build the understanding of environmental content and competence in inquiry based and investigative instructional techniques. Funding will support professional development for formal, non-formal, and community educators.

- ◆ The Trust encourages professional development to be at least 30 hours, including workshops and ongoing support to ensure that participants are successful in using the information gained from the trainings.
- ◆ PD trainings must:
 - Support elements of the MWEE model, such as the investigation of a local environmental issue, using the outdoors as a context for learning and instruction, and/or design and implementation of an action project.
 - Include strategies to increase the environmental literacy of the participating educators encouraging them to be environmental role models for their students/youth.
- ◆ Programs that integrate climate change education will be prioritized. Climate change does not have to be the focus of the education effort but could instead be weaved throughout the learning experience.
- ◆ Successful applicants should provide:
 - The prioritized audience (e.g. subject and grade of educators for school-based PD, roles and titles for community-based PD, etc.) that are anticipated to attend the trainings with an explanation of why the educators were selected, and
 - A draft agenda. The absence of a draft agenda will need to be justified.
 - Agenda must require participants to complete the [MWEE 101 Online Course](#) ahead of PD training and/or include an overview of the MWEE model to ensure participants are able to use what is learned to design, enhance and/or implement their own MWEE.

Project Track 4: In-school MWEEs for Pre-K-12 Students (requests up to \$5,000)

Track 4 requests will engage students in MWEEs. Pre-K-12 teachers interested in completing a MWEE with their students or non-formal educators interested in completing a MWEE with students through a school-based partnership should apply to track 4. MWEEs are multi-faceted, learner-centered experiences that focus on investigations into local environmental issues that lead to informed action and civic engagement. Applicants

are encouraged to review sources for best practices for meaningful outdoor experiences; specifically the “[Educator’s Guide to the Meaningful Watershed Educational Experience \(MWEE\)](#)” and [Bay Backpack’s MWEE resources](#), which have tools and examples for building a successful MWEE, or this [MWEE Resources Guide](#). Proposals that meet the elements below will be prioritized:

- ◆ Programs should include the four Essential Elements and four Supporting Practices of the MWEE (as described in the [MWEE Resources Guide](#)).
- ◆ Programs should integrate climate change education. The Trust strives to invest in projects and programs that will positively “move the needle” for the health of the environment and communities across Maryland, which includes mitigating climate change. Students should not only learn about the impacts of climate change, but also the solutions necessary to ensure a sustainable and livable world for all. Note: climate change does not have to be the focus of the education effort but could instead be weaved throughout the learning experience.
- ◆ The same group of students should be involved in the entire MWEE experience; therefore, projects should not take place over multiple years unless the same students will be involved through the entire project.

Please note: for all tracks, additional evaluation points (2) will be awarded if project leaders have demonstrated completion of the [MWEE 101 Online Course](#), as outlined in “Evaluation Criteria” below.

Eligible Applicants

The Trust welcome requests from the following organizations:

- ◆ 501(c)3 Organizations
 - ◆ Faith Based Organizations
 - ◆ Community Associations
 - ◆ Service, Youth, and Civic Groups
 - ◆ Municipal, County, Regional, State, Federal Public Agencies
 - ◆ Soil/Water Conservation Districts and/or Resource Conservation and Development Councils
 - ◆ Forestry Boards
 - ◆ Public or Independent Higher Education Institutions
- For Profit organizations are NOT eligible for funding through this program.

For school-based projects: the Trust prefers that the school serve as the lead applicant instead of a partner, however, if a partner does apply, the Trust requires the following:

- ◆ The participating school(s) name(s)
- ◆ A narrative statement explaining why the partner is applying rather than a school
- ◆ Letter(s) of commitment from participating school(s)

Funding Restrictions, Match Requirements, Timeline, and Deadline

Funding Restrictions: All projects must take place in Maryland or the Chesapeake Bay watershed portions of D.C., Delaware, Pennsylvania, West Virginia, and Virginia. Use this [kmz file](#) of the Chesapeake Bay watershed boundary in Google Earth to determine if your project location is eligible, or contact us for assistance.

Match Requirements: Match is required for school-based requests in some cases.

- ◆ Non-Title 1 schools or schools with less than 50% of students participating in free and reduced meal programs (FARMS): The Trust funds up to half of outdoor field experience costs, such as program fees,

substitute costs, and transportation expenses. However, schools are encouraged to exceed the 50% level of match, if possible, by fully exploring match opportunities prior to submitting a request. In an effort to provide resources for as many students as possible to participate in meaningful watershed experiences, we hope our grantees can leverage as many matching funds and resources as possible.

- ◆ Schools running school-wide Title 1 programs, as well as schools with over 50% of students enrolled in FARMs programs, are permitted to request full costs for bay and watershed education related field trips. Match is encouraged, but not required.

Project Timeline: Projects must be completed within 12 months upon receipt of the award. Requests to extend project completion period will be reviewed and considered on a case-by-case basis.

Program Deadline: Applicants must submit applications in the **Chesapeake Bay Trust Online System** by **4:00 PM EDT June 29, 2023**. Late applications will not be accepted, and the online funding opportunity will close automatically and promptly at 4 PM EDT. Applicants are strongly encouraged to submit at least a few days prior to the deadline given the potential for high website traffic on the due date. The Trust cannot guarantee availability of technical assistance for our online system on the deadline date.

Application Review Process and Award Notifications

All submitted applications are scored by technical experts in the field supported by this RFP and discussed by a review committee. Reviewers score all applications based on the evaluation criteria listed in the “Evaluation Criteria” section below.

The funding partners reserve the right to fund projects and budget items that advance their mission and meet specific funding priorities and criteria.

To allow applicants to set expectations prior to investing time in application, the Trust provides historical application approval rates for the same or similar programs: The average approval rate from the last 4 rounds in this grant program is 59%, this includes both fully and partially funded applications.

All applicants will receive a letter stating the funding partnership’s decision. An application may be declined, partially awarded, or fully awarded. If approved, the Trust will send an award agreement with award conditions and due dates of status, progress, and final reports. The Trust will mail the first award payment to the requesting organization following: satisfaction of any phase 1 payment award contingencies, including upload of the signed award agreement. In some case, ten percent of the total award will be held until the final report is submitted and approved. In cases where the awardee fails to submit a status report, progress report, or final report by the due date, the Trust reserves the right to terminate the award agreement and require a refund of funds already transferred to the awardee.

When the project is complete, awardees are required to complete final reports that may include but are not limited to submission of all receipts for supplies, invoices for subcontractors/contractors, and copies of timesheets for personnel time used (timesheets must include date, name, time worked per day, and coding to tie the time worked to the award).

All financial back-up documentation will be grouped and numbered to correspond to the budget line item reported as spent. Organizations with outstanding final, progress, or status reports will not be awarded additional grants.

Deadline Date	Decision Date	Project Start Date
June 29, 2023 by 4:00 PM EDT	By August 28, 2023	No earlier than August 29, 2023

Narrative Questions

You will be asked to upload a Word or PDF file addressing the narrative questions located here: <https://cbtrust.org/wp-content/uploads/FY24-Youth-EE-Narrative-Questions.docx>. We recommend that you use the linked document as an outline for your narrative, ensuring that you have addressed all necessary questions. Make sure that your answers describe how the criteria in the “Evaluation Criteria” section of the RFP will be met. Remember to highlight if the proposed project incorporates climate change education (for youth, student, or educator projects) or takes climate change into consideration when planning/building outdoor classroom, school-yard habitat, or community-based improvement projects.

Budget Instructions

Financial Management Spreadsheet – Application Budget Upload

You will be asked to upload your budget using the “Application Budget” worksheet of the Chesapeake Bay Trust’s **Financial Management Spreadsheet** (FMS), an excel file template. The template can be found by visiting <https://cbtrust.org/forms-policies/> where you can also watch a video with instructions on how to complete the FMS.

Financial Management Spreadsheet – Application Budget Information

This online application component will ask you to enter budget category and request totals. These totals will be automatically calculated in the FMS Application Budget, so you will only need to copy and paste the values from the FMS to the Online Application.

Additional Budget Justification

This online application component will ask you to provide a descriptive budget narrative to justify and explain costs. If the success of the work is contingent upon award of other funds, make this clear in your budget justification section.

Online Application Submission Instructions

The Trust uses an online system for the application process, and if awarded, project management. To apply for an award, go to the Trust website here: <https://cbtrust.org/grants/youth-environmental-education-grant-program/>, click on “Get Started” to begin a new application. This will open a new window asking you to log in or create an account on our online system. If you have applied in the past, please use your existing username and password (if you have forgotten either of these use the ‘forgot password’ feature). If you have not used our online system before, click on “New Applicant” and follow the instructions.

Applicants must submit applications in the **Chesapeake Bay Trust Online System** by **4:00 pm on June 29, 2023**. Late applications will not be accepted, and the online funding opportunity will close promptly at 4:00 pm.

By submitting an application to this program, applicants acknowledge that: 1) they are compliant with federal employment and non-discrimination laws and 2) they have not been debarred, convicted, charged or had a civil judgment rendered against them for fraud or related offense by any government agency (federal, state or local) or been terminated for cause or default by any government agency (federal, state, or local). In addition, all final products will be provided to the funding partners for use and distribution at the sole discretion of the funding partners.

Watch our video on how to apply for and submit an application using our online system at <https://cbtrust.org/grants/>.

Online Application Form

You will be asked to provide the following information on the online application form. Some items are required in order to submit your application. Refer to the online application for details.

- Eligibility Quiz
 - This three-question quiz is meant to assist you in determining if your project meets the requirements of this award program and that your staff/organizational structure best supports a successful application.

- Applicant Information Tab
 - Provide the organization's name, mailing address, phone number, organization type, mission, EIN number, and UEI number.
 - Provide the Executive Officer and Project Leader's name, title, address, phone, and email address.
 - Both an Executive Officer and a Project Leader, two separate individuals, must be identified for all applications.
 - The Executive Officer and Project Leader must both be able to make decisions on behalf of the organization either as a board member, an employee, or other approved position recognized by the organization but not a contractor of the application.
 - The Executive Officer is the individual that oversees the organization (e.g., Executive Director, Chief Executive Officer, Mayor, President or Vice President, Principal (for schools), etc.) and has the authority to sign/execute award agreements on behalf of the organization. The Executive Officer information is tied directly to all the organization's applications and should not vary from application to application. If the Executive Officer could be listed as the Project Leader in a future proposal, we recommend listing a Board Member or other higher-ranking position of the organization as the Executive Officer in order to reduce the variation in the Executive Officer across applications.
 - The Project Leader will be responsible for all project coordination and correspondence with the Trust for the duration of the project. The email address entered here **MUST** be the same as the email address you used to log in to the online system. The Project Leader is the primary point of contact for the application, and the email address used to submit the application via the online system must be that of the Project Leader. Applications in which the email address associated with the Project Leader in the applicant information tab of the online opportunity does not match the email address used to submit the application will not be considered for funding. The Trust cannot conduct any official correspondence with contractors, consultants, or other project partners. If at any time the Project Leader cannot continue in the position, the organization must contact the Trust and assign a new qualified Project Leader.
 - To avoid conflict of interest issues, individuals associated with for-profit entities to be engaged in the project cannot serve in either role.

- Project Information Tab
 - Provide a project title; project track; project abstract; the watershed, county, and legislative district in which the project is located; and the latitude and longitude coordinates of the project location.

- **Timeline Tab**
 - Add the project start and end date. Provide a project timeline that includes major tasks and their associated start and end dates.
- **Deliverables Tab**
 - Provide estimated metrics for your proposed project such as project participants and outreach and restoration outcomes.
- **Volunteers Tab**
 - Provide a description of volunteer activities, the number of volunteers, and total number of volunteer hours.
- **Project Partnerships**
 - Provide a list of project partner organizations or contractors, individuals, their areas of expertise, and their role(s) in your project.
 - Applicants are encouraged to upload a Letter of Commitment for the project from each partner describing in detail the partner’s role or contribution to the project. Applications including strong Letter(s) of Commitment often receive higher scores. If not submitted with the application, Letter(s) of Commitment may be required prior to the release of any awarded funding. To better understand the Trust’s definition of and policy on Letter(s) of Commitment, visit our Forms and Policies webpage: www.cbtrust.org/forms.
- **Narrative & Supporting Documents Tab**
 - Upload a Microsoft Word or PDF file that contains your answers to the narrative questions found in the Narrative Questions section of this RFP. Upload additional supporting documents, if needed/required.
- **Budget Tab**
 - Upload your application budget, provide budget category and request totals, and provide additional budget justification. Use the Trust’s Financial Management Spreadsheet and fill out the “Application Budget” worksheet. Refer to the Budget Instructions of this RFP.
- **Terms and Conditions Tab**
 - Agree to the specified terms and conditions for the program for which you are applying.

Evaluation Criteria

Track 1 & 4 - Out-of-School Outdoor Investigations for Youth & In-school MWEE for Pre-K-12 Students

- ◆ **Completeness of the MWEE (1-15):** Are the essential elements of a MWEE present and robust?
- ◆ **Supporting Practices (1-15):** Have supporting practices of the MWEE been adapted and included where feasible (Track 1)? Are the supporting practices of a MWEE present (Track 4)?
- ◆ **Age-Appropriateness (1-10):** The MWEE should grow in complexity and sophistication across ages, starting with educator guided investigation and leading to youth-led inquiry.

Track 2 - Outdoor Classroom, School-Yard Habitat, or Community-Based Improvement Requests

- ◆ **Technical Soundness (1-15):** Projects must be carefully planned, technically sound, and involve the assistance of experts, agencies, or organizations as necessary. The applicant must provide information

about all technical assistance received and project partners involved in the design and implementation of the projects.

- ◆ Connection to instruction (1-10): Are youth/students involved in the planning and design of the outdoor classroom or habitat using the MWEE model?
- ◆ Future MWEE instruction (1-10): Has the applicant demonstrated that the outdoor classroom or habitat will be used in future years for MWEE instruction?
- ◆ Green School certification (1-5): If applicable, will the project assist the school in Green School/Sustainable School (or equivalent) re-certification or certification?

Track 3 - Professional Development for Formal, Non-Formal, and Community Educators

- ◆ Soundness of Plan (1-20): Does the length of training ensure educator success? Will educators be supported before, during, and after the training? Is the draft agenda appropriate?
- ◆ Support of the MWEE (1-10): Does the work support elements of the MWEE model as a context for learning, and/or design and implementation of an action project?
- ◆ Increase in Environmental Literacy (1-10): Will the environmental literacy of the participating educators be increased, encouraging them to be environmental role models for their students/youth?

Additional Criteria for All Tracks – In addition to the above track-specific criteria, the following criteria will also be used to evaluate all proposals.

- ◆ Audience Need (1-20): Is the audience being engaged in the project identified as historically under-engaged or under-served through indicators such as, but not limited to, communities that were at any point historically redlined or graded as “hazardous” by the Home Owners’ loan corporation, socioeconomic status (communities in which median household income is equal to or less than 75% of state-wide median household income or have high poverty and unemployment rates (<https://www.census.gov>)), communities in which the local school(s) have a “below average” equity score (<http://www.greatschools.org>) or disparities in access to environmental education opportunities, access to green space is limited, or other relevant characteristics as identified in the [EPA Environmental Justice Screening and Mapping Tool](#).
- ◆ Climate Change (1-10): Does the proposed program integrate climate change education?
- ◆ Budget and Match (1-10): Is the budget reasonable? Match is encouraged in all cases and required in some. Is match included?
- ◆ Timing and Feasibility (1-10): Can the project be accomplished? Are all the same participants involved throughout the entire project? Where relevant, are project partners provided?
- ◆ Supporting Documents (1-8): Does the applicant include all required supporting documents? (e.g., native plant list, site plan, photos of site, maintenance plan, letters of commitment, agenda, etc.)
- ◆ Demonstration of [MWEE 101 Online Course](#) Completion (0-2): Has the applicant submitted a certificate demonstrating completion of the MWEE 101 Online Course and thus experience in designing and implementing a MWEE?