

Optional Menu of Project Ideas

We encourage you to come up with your own project ideas and budget! However, you may also use this menu of pre-packaged ideas. If you wish to do so, please **check off one or two** of the boxes below, and describe the specifics of how you intend to implement the project(s) in the "project description" section on page 5 below. You will be expected to work within the budget amounts provided below. You do NOT have to fill out the budget on page 6 if choosing from this list. Be sure to check out "Additional Resources" on page 8 below for info on partners who can help with these projects.

While this menu is intended to make it easier to get started, it should not take the place of brainstorming, creativity, and leadership amongst your Green Team members!

☐ **Gardens \$500**

Students develop and install a garden in their schoolyard or neighborhood. Budget: Tools \$80; Soil \$100; Wood and hardware for planter boxes and/or fence \$175; Plants/seeds \$100; Soil test \$25; Community Greening Resource Network (CGRN) membership \$20

☐ **Recycling \$500**

Students launch a school-wide recycling campaign. Budget: Recycling bins \$400; Posters and supplies \$50

☒ **Murals and Mosaics \$250**

Students develop a mural, sign-making or mosaic tile project to install in their schoolyard or neighborhood. Budget: Art supplies \$250

☐ **Neighborhood Clean-ups \$150**

Students organize neighborhood or stream clean-ups, and invite community members to join them. Budget: Bags \$50; Gloves \$25; Snacks \$50; Posters \$25

☐ **Rain Barrels \$300**

Students decorate and install rain barrels on the school's downspouts. Budget: Barrels and fittings \$300; Paint and brushes \$50

☒ **Field Trips \$450**

Students visit a free environmental education site, such as Baltimore Refuse Energy Systems Company or the Backriver Wastewater Treatment Plant, and teach what they learn there to others in the school. Budget: Bus \$400; Snacks \$50

☐ **Air Quality \$300**

Students launch a school-wide campaign to improve air quality and fight asthma by creating green cleaning products for use in classrooms, and designing and installing "no idling" and "no smoking" signs for the area in front the school. Budget: Ingredients for green cleaning products \$200; Sign materials \$100

☐ **Maryland Zoo Lab \$580**

Students visit the Maryland Zoo and take part in a "Zoo Lab" about a local environmental issue, then teach what they've learned to others in the school. Budget: Bus \$400; Zoo Lab \$130 (for a class of 25); Snacks \$50



2015—2016 Application

Please use the format provided below. Typed responses are preferred. If you hand write your application, please write neatly. Feel free to attach additional pages if necessary.

School Information

School Name and Number: Thomas Jefferson Elementary Middle #232

School Address: 605 Dryden Drive, Baltimore, MD 21229

Principal's Name: Angela Henry

Principal's Email: AHenry@bcps.k12.md.us

Principal's Signature (required):

Please provide a description of your school, including name(s) of the surrounding neighborhoods, grades served, community partnerships, and any past projects dealing with sustainability:

Thomas Jefferson is a small community school of about 500 students ranging from grades Pre-K thru 8. We are located in the Edmondson Avenue Community of West Hills. We currently have a working partnership with 4H. We are a GREEN SCHOOL and have completed many projects, such as recycling, and school gardens.

Student "Green Team" Information

A Green Team is a group of students working together to make their school a more environmentally friendly place, during or after school. If your school does not currently have a Green Team, you must form one in order to apply. Please include the names, grades, and signatures of at least five students that are going to lead the project.

Names and Grades:

1. Kevyn Jones 7th
2. Jordynn Parker 7th
3. Everette Cooper 7th
4. Lyrica Booze 8th
5. Taylor Yarbrough 8th

Signatures:

Please provide a description of your Green Team, including which classes and/or grades the participating students are drawn from, when the group was formed, when it will meet, whether membership will stay the same or will change throughout the school year, and what other projects, if any, the team has worked on so far: The Green team will meet weekly as we start to coordinate and implement Green Projects. Students are from grade K-8. The team has worked together before on recycling and gardening projects. Due to the complexity of our projects, there will members for each project, and these members will remain the same.

Project Coordinator Information

The Project Coordinator is the administrator, teacher, or volunteer who will be the point of contact for notification of funding, reporting requirements, and special events and opportunities related to the program.

Project Coordinator's Name: Adren Kornegay

Project Coordinator's Position at the School: 7th/8th Science teacher

Project Coordinator's Direct Phone Number: 443-570-9770

Project Coordinator's Email: ACKornegay@bcps.k12.md.us

Project Description

Please answer all of the following questions. You must fill out this section, even if you are choosing from the menu of projects on page 3.

1. What will you call your school's Sustainability Project? Be creative! TJ's Outdoor Learning Place
2. Describe your project (please answer all questions): What will your students do with the funds you are requesting? What is the timeline? How they will be involved as leaders through the project? How will the project increase sustainability? Will any partners be involved, and, if so, how? What are the anticipated outcomes from your project? How will the project impact the rest of the school and/or your community?
We will build 2 outdoor classrooms and a nature trail that goes across the campus. The outdoor classrooms will display a mosaic in the garden area outside. We will also take a trip to a recycling plant. These will be student run projects with technical guidance from teachers and subject experts. Thomas Jefferson currently has a relationship with 4H. We will ask for their expertise as well as any available corporate volunteer groups. We anticipate that we will have 2 outdoor areas for teachers to teach lessons in. There will be a marked trail for teachers to explore with their students. The trail will also display an outdoor mosaic project.

3. Which area(s) does your project address?

- ☐ Water Conservation/Water Pollution Prevention
- ☐ Energy Conservation
- ☐ Solid Waste Reduction
- ☐ Habitat Restoration
- ☒ Structures for Environmental Learning
- ☐ Responsible Transportation
- ☐ Healthy School Environment

4. Do you know yet how you want to work with the Baltimore Energy Challenge to incorporate energy conservation into your project (see page 9 for details on this requirement)? If so, please describe. We will establish an energy patrol, called the Energy Erasers. This team will conduct school wide energy audits. We will also have BEC come and participate at parent night.

Budget

Please complete the budget form below. Total budget request per project may not exceed \$1,000 (or \$1,500 for schools previously participating and working on Maryland Green School status, and \$2,500 for Certified Maryland Green Schools). **Please list the quantity, type of items, and cost or approximate cost of all items.**

You do not need to fill this out if you are choosing one or more projects from the menu on page 3.

Category	Items	Cost
Implementation (The tools you'll need to carry out your project)	2 Outdoor Classrooms, greenhouse film, ropes, cinder blocks, fabric, buckets	\$1,430.00
Promotion (Informing other students or members of your community about the project. Examples include flyers, banners, t-shirts, bumper stickers, and bulletin boards)	Signage for trails, domes, murals	\$200.00
Recording and Reporting (Documenting your work by print, photo, video and/or other means)	Photos, Videos	\$50
Training and Research (Materials or other information resources, including field trips fees)		\$
Transportation (Getting to and from events or sites needed to carry out the project)		\$
Other (If you expect other expenses, please describe them here)	Tool Bank Rental	\$120.00
TOTAL		\$1800.00

Reporting Requirements

Before submitting your application, please make sure you are aware of our requirements regarding reporting.

- 1) Your Green Team will need to complete a simple pre- and post-survey that we will provide to you.
- 2) You will need to submit a narrative report at the completion of your project, including an updated actual budget and receipts from all funds spent. A report template will be provided and will include topics such as final project description, pictures, testimonials from students and teachers involved in the project, the number of students who were reached by the project, and potential next steps.
- 3) You will need to create a presentation poster for GreenScape, to be held in May 2016. The poster will describe your project, and, ideally, students will attend and speak about their work.