



2014—2015 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: Federal Hill Preparatory #45

School Address: 1040 William Street, Baltimore, MD 21230

Principal's Name: Sara Long

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

Principal's Signature (required):

A handwritten signature in blue ink, appearing to read 'S Long', is written over a horizontal line.

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:

Federal Hill Preparatory School is public school located in the historic neighborhood of Federal Hill. We have a diverse population of students including students from Locust Point, Riverside, South Baltimore, Sharp-Leadenhall, and some come from scattered parts of the city. We are a PreK-5 grade school focusing on readiness in reading, writing, math, science, music, and athletics. New this year we have a STEM (science, technology, engineering, and math) curriculum that was designed in collaboration with the Digital Harbor Foundation. Federal Hill Prep is one of nine Baltimore City Public Schools with a gifted and talented education program (GATE) with differentiated instruction and enrichment activities for advanced students. At a time when there are many options to consider, FHPS is succeeding- not just in helping students pass standardized tests but in preparing children for a lifetime of learning. Drawing on proven instructional methods from around the world, FHPS gives its students the knowledge and skills they need to be good citizens today and community leaders tomorrow.

Our principal, Ms. Sara Long is dedicated to continuing to improve our wonderful school. Federal Hill Preparatory students are exposed to a multitude of experiences inside and outside the classroom as part of a robust curriculum. Enrichment programs include many assemblies and field trips throughout the year. Ms. Long does a wonderful job to ensure that all of these assemblies and trips are connected to the curriculum.

Past projects include the initiation of a composting program and making improvements to this program. We have been continuing to make strides in improving the separation of our lunch materials by incorporating new materials. We started a garden that initially started out as a reading garden but has bloomed into growing plants, vegetables, and herbs. We have taken an interest in our watershed and have painted our storm drains with SLURRP and Blue Water Baltimore. We are doing more work with our school environment through saving energy and improving our indoor air quality. We installed a living wall with our GHSC award last year and were able to

measure an improvement in our indoor air quality. We were the winner of the First Baltimore Energy Challenge in 2014 out of thirteen participating Baltimore City Schools. Our school reduced its energy usage by 14%.

Past trips have included: Seed to table, The Living Classroom, the Maryland Science Center, Masonville Cove, The Walters Art Museum, The National Aquarium, The Maryland Historical Society, Camden Yards, Ravens Stadium, Irvine nature Center, Reginald F. Lewis Museum of Maryland African American History, National Cryptologic Museum, Waste Management, Great Kids Farm, Wheelabrator Baltimore, Maryland Green Schools Summit and the Museum of Industry. Visitors to our school have included Don Thomas NASA Astronaut, an African Drum Troup, Pennies for Patients, SLURRP, Maryland Agricultural Education Foundation, Tree Baltimore, Parks and People, Baltimore Energy Challenge, Constellation Energy, Master Gardeners, Baltimore Community Foundation, Blue Water Baltimore and the Baltimore City Mayor.

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. Autumn C 5th
2. Aeirss P 5th grade
3. Ashantae H. 5th grade
4. Maggie Malone 4th grade
5. Stella Perez 4th grade
- 6.
- 7.
- 8.
- 9.
- 10.

Signatures:

Autumn C
Aeirss Prince
Ashantae Hayward
Maggie Malone
Stella Perez

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 involved in this project are students in grades 3rd through 5th. Each school year we have sign ups for the green team. We have some returning members as well as some new members. They continue to enforce the turning out of lights at the end of the day and reduced lights during the day. Recycling of paper on Thursdays. Taking shifts in the cafeteria to make sure everyone is composting properly. Creating signage for the cafeteria. Coordinating the teracycle of plastic bags, and corks. Participation in the composting case study in 2011/2012 school year, made them realize what a difference they can make. We diverted over 15,000 pounds from the landfill. They did a wonderful job diverting food waste from the landfill. The 5th graders are responsible for the maitenance of our living wall. The 4th graders are responsible for the habitat garden.

This year our group meets every other Monday to discuss our green projects. Our major project will be the planning and installation of our rain garden.

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: Amy Thomas

Project Coordinator's Position at the School: Volunteer Green Club Coordinator

Project Coordinator's Direct Phone Number: 410-493-8170

Project Coordinator's Email: amythomas1102@gmail.com

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! The Rain Keeper Garden
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?

Our students will transform a dilapidated space into a series of rain gardens. Our green team will design and build the rain garden. Our project will enhance the habitat of native butterflies and amphibians and create an outdoor

classroom space for teachers and students. We will need to do several things for this project. First educate. Blue Water Baltimore will come to the school to educate the students about our watershed. They will explain what a rain garden is and how it can help our watershed. Next we will design. Our 5th grade green team will be taking the lead on this part of the project. We will meet with landscape architect, Zoe Clarkwest at Rain Underground, for guidance. The students will need to measure the area, take infiltration tests, and pick out what plants will work best. Then plot out the layout. This process will take several months because we will only be meeting twice a month. The garden will be installed over the course of a week with students and help from our volunteers and staff. Our build week will take place the first week in April during National Volunteer Week. We are going to have volunteers from our local M& T bank, neighborhood association, and parents who have already expressed interest. After the installation of The Outer Harbor Rain Garden in April, we will host our Annual Green Night at the School to have a Grand Opening of our rain garden. The students will share with our community the benefits of our garden and what they can do at home and in their everyday lives to prevent pollutants from entering the our waterways.

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 want to be an energy HUB school. As winners of the first Baltimore Energy Challenge our students are equipped to set an example of how to save energy. We would like to continue our energy conservation at our school by working with BCPS building supervisors to see where else we are wasting energy. With the help of our AmeriCorp volunteers we would like to create a video of how to save energy. We will post this video on our website and on our newsfeed television in our lobby and cafeteria.

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)	Mulch 20 cubic yards	\$690.20
	Variety of Plants 40 @ \$4 quart, 25@ \$15 gallon and 10@ 2 gallon \$30	\$835.00
	10@\$34.99 Shrubs and 10@ \$17.99 each grassy plants	\$529.80
	Stones (8inx4inx1.63 in to border the storm drain)	\$345
	Tools from tool bank and volunteers	\$0.00
Promotion (Informing other students or members of your community about the project. Examples include flyers, banners, t-shirts, bumper stickers, and bulletin boards)	Social media and flyers. Signage for the rain garden.	\$100.00
Recording and Reporting (Documenting your work by print, photo, video and/or other means)	Students will be taking video with a volunteer's video camera	\$0
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)		\$
TOTAL		\$2500.00

Reporting Requirements

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