



## 2013—2014 APPLICATION

### *School Information*

School Name: Independence School Local 1 High

School Number: 333

School Address: 1250 W. 36<sup>th</sup> Street Baltimore MD 21211

Principal's Name: Kelly

Principal's Email: Caswell

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:

Independence School Local 1 High is located in the Hampden neighborhood, and serves grades 9-12. Community partnerships include Great Kids Farm (Healthy Eating Healthy Living), Real Foods Farm, Chesapeake Bay Foundation, Blue Water Baltimore, The Governor's Schoolshed initiative, City Blossoms/Nature Conservancy Nature Works Everywhere, Parks and People, Baltimore Free Farm, and GWWO, Inc. We have installed a modest (and expanding) schoolyard garden, planted edible trees and shrubs, as well as constructed a composter and outdoor furniture from recycled pallets on Green Apple Service Day. We are currently working on our Maryland Green School application, and hope to gain Green School certification next year.

### *Project Coordinator Information*

The Project Coordinator is the administrator, teacher, or volunteer who will take the lead in helping the Green Team implement their project. This person must be an adult. The Project Coordinator 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: Matthew Hand

Project Coordinator's Position at the School: Science Teacher

Project Coordinator's Phone Number: 443-739-5467

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

Student "Green Team" Information

A Green Team is a group of students working together to make their school a more environmentally friendly place, either 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 and signatures for at least five students.

Names:

1. Charity Ensor
2. Olivia Tanner
3. Kayla Langford
4. Courtney Mooney
5. Frederick Olson
6. Christina Marie
7. Jordan Wesson
8. Khaleia Ross
- 9.
- 10.

Signatures:

- Charity Ensor
- Olivia Tanner
- Kayla Langford
- Courtney Mooney
- Frederick Olson
- Christina Marie
- Jordan Wesson
- Khaleia Ross
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Please provide a description of your Green Team, including which classes and/or grades the participating students are drawn from, when the group is formed, and what other projects, if any, they have worked on so far:

Our Green Team meets Tuesday afternoons to engage in both schoolwide and community sustainability projects such as coordinating and promoting our recycling program, engaging in neighborhood beautification including litter collection, and a planned storm drain stenciling. School garden maintenance is also performed when appropriate. We are also participating in Baltimore City School's Energy Challenge. The Green Team is comprised of students from all grade levels, and has three faculty advisors.

*Project Description*

Please answer the following questions.

- a. What will you call your school's Sustainability Project (be creative)?
- b. How do you plan to increase sustainability at your school? Students will be able to create and promote the use of reusable lunch bags, sandwich bags and shopping bags.
- c. 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
- d. What are the steps you will take to carry out your project? Will you work with any partners? We will gather data of disposable plastic and paper bag use as well as reusable shopping bag use in our neighborhood's commercial district through a pre-survey administered by students. A student survey will also tabulate their use of nonreusable lunch and sandwich bags in our school. By obtaining grant funding, we hope to procure sewing equipment and materials that will allow for students to engage in "repairing, reducing, reusing and recycling" by producing hand-made lunch bags, sandwich bags, and shopping bags that can be sold at school, farmers markets and on consignment through local businesses. We will also partner with a local small business, NoveltyHaus, to help facilitate and produce promotional materials, such as making buttons and Lumi printing. Later, a post-survey will be administered to students and local businesses in order to determine the impact of our promotional and marketing efforts. Proceeds from bag sales will be used to obtain additional sewing and promotional materials for future sustainability projects.
- e. What are your anticipated outcomes for your project? Our students will become local leaders in sustainability by raising awareness of solid waste reduction through the creation of promotional materials such as buttons, t-shirts and window stickers. Students will create reusable lunch bags, sandwich bags, and shopping bags in their Art and Graphic Design classes, and during Green Team meetings. Through the use of data collection, we hope to evaluate the effectiveness of our promotional and distribution campaign. Students will gain cross-curricular education and experience in the content areas of environmental science, art, economics and mathematics.
- f. How will your project reach and/or impact the rest of the school or your community at large? We hope to enact change in our school and community by reducing solid waste in the form of disposable lunch bags, sandwich bags and shopping bags both at school and in the neighborhood's business district (mainly the Falls Road and 36<sup>th</sup> Street corridors). Our students are able to leave school grounds during lunch, and many frequent local businesses to purchase their food. By supplying students with reusable shopping bags, they will reduce the need to transport their food using disposable plastic and paper bags supplied by stores, thus reducing solid waste.

**Budget**

Please complete the budget form below. Total budget request per project may not exceed \$1,000 (or \$1,500 for currently certified Maryland Green Schools applying for Sustainability Projects). Please list the quantity, type of item, and cost or approximate cost of all items.

| Category  | Items  | Cost              |
|---|--|-------------------|
| <b>Implementation</b><br>(The tools you'll need to carry out your project)  | Singer Heavy-Duty Sewing Machines (3 x approximately \$150.00)   | \$450.00          |
|   | Schmetz bulk sewing machine needles  | \$38.00           |
|   | Fiskars Softtouch Scissors (4 x \$18.00)   | \$72.00           |
|   |  |                   |
| <b>Promotion</b><br>(Informing other students or members of your community about the project. Examples include flyers, banners, t-shirts, bumper stickers, and bulletin boards) | Lumi Print   | \$120.00          |
|   | Glass Plates   | \$100.00          |
|   | T-shirts (organic cotton)  | \$95.00           |
|   | Transparency Paper (case)  | \$75.00           |
|   | Buttons  | \$50.00           |
| <b>Recording and Reporting</b><br>(Documenting your work by print, photo, video and/or other means)   | A teacher supplied ipad and/or camera will be used to document our work.   | \$0.00            |
| <b>Training and Research</b><br>(Materials or other information resources, including field trips fees)  | Print and button making demonstrations will be provided NoveltyHaus.   | \$0.00            |
| <b>Transportation</b><br>(Getting to and from events or sites needed to carry out the project)  | We are a "walking" school, and are able to access the neighborhood and surrounding community by taking field trip on foot. | \$0.00            |
| <b>Other</b><br>(If you expect other expenses, please describe them here)   | n/a  | \$0.00            |
| <b>TOTAL</b>  |  | <b>\$1,000.00</b> |

**Reporting**

Mid-way through the project, we will request a brief progress report of your activities and ask that you provide any receipts from purchases made to that point. At the completion of the project, a final report with an updated actual budget and remaining receipts from all funds spent must be submitted to the respective project funder. A report template will be supplied to all participating schools and will include topics such as final project