



## 2017-2018 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

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School Name and Number: Sinclair Lane Elementary School/Elementary School #248

School Address: 3880 Sinclair Lane, Baltimore, MD 21213

Principal's Name: Roxanne Thorn-Lumpkins

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

Principal's Signature (required): Roxanne Thorn-Lumpkins

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:

Sinclair Lane Elementary School is located in the Belair Edson neighborhood in Baltimore. We serve 370 students in grades Pre-K through 5<sup>th</sup>. Sinclair Lane has meaningful and long lasting relationships with many community partners including Blue Water Baltimore, Belair-Edison Neighborhood Association, Erdman Avenue McDonald's and Youth Sports Program.

### Student "Green Team" Information

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A Green Team is a group of students working together to make their school a more environmentally friendly place. If your school does not have a Green Team, you must form one. Please include the names, grades, and signatures of at least five students that are going to lead the project. If your school is a high school, please list your Student Leader's name first (more details about this are on page 7). The Student Leader will be responsible for participating in occasional surveys about student environmental concerns, and, if a high schooler, will also be invited to participate in calls and meetings with other students.

Names and Grades:

1. Zeasia Long (5<sup>th</sup> grade)

*Zeasia Long*

2. Markus Young (5<sup>th</sup> grade)

*Markus Young*

3. Olivia Sample (4<sup>th</sup> grade)

4. Calyn Williams (5<sup>th</sup> grade)

*Calyn Williams*

5. Isherra Brown (4<sup>th</sup> grade)

6. St. Matthew Evans (4<sup>th</sup> grade)

*St. Matthew Evans*

7. Azaria Hebron (4<sup>th</sup> grade)

*Azaria*

8. Alyssa Moses (4<sup>th</sup> grade)

Student Leader Email: n/a

9. Ayanna Shipley (5<sup>th</sup> grade)

Ayanna Shipley

Student Leader Phone: n/a

10. Taylor Cabbagestalk (3<sup>rd</sup> Grade)

Taylor C.

Signatures:

11. Shaniya Reed (4<sup>th</sup> grade)

Shaniya Reed

12. Cashemere Greer (5<sup>th</sup> grade)

13. Janajeah Burton (5<sup>th</sup> grade)

14. Jazmine Francis (2<sup>nd</sup> grade)

Jazmine F.

15. George Parks (3<sup>rd</sup> grade)

George Parks

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 is currently comprised of 10 3<sup>rd</sup> to 5<sup>th</sup> grade students in the school. The group was formed under the leadership of Mr. Macaulay in 2016, and meets from 2:30-3:30 every other Tuesday. The club still has room available and is actively seeking more students. Together, the team has made bird suet feeders, cleaned the Herring Run stream, picked up trash around the school yard, labelled light switches (reminders to turn off the lights), made valentines for the earth and made paper recycling bins from cardboard boxes for each classroom.

## 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: Kevin Macaulay

Project Coordinator's Position at the School: Second Grade Teacher

Project Coordinator's Direct Phone Number: (516) 661-7776

Project Coordinator's Email: KMMacaulay@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!

## Sinclair Lane 2017 Recycle Rally!

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?

The project we propose is to significantly improve the recycling program at Sinclair Lane Elementary. Historically, Sinclair Lane struggled to recycle. Baltimore City Department of Public Works determined that during the 2016-2017 school year, Sinclair Lane only had one successful recycling pick up out of 38 (only a 3% success rate for recycling for the year). The Green Club discussed the possible reasons why, and recognized that the classrooms, lunchroom and office do not have recycling bins. In addition, vandals started a fire in the recycling dumpster, so the dumpster no longer has a roof. The 2017-2018 Sinclair Lane Green Club immediately worked to fix that problem by creating cardboard box recycling bins for each classroom. In addition, Green Club members help to empty the contents into the outdoor recycling dumpster during Green Club meetings.

However, the Green Club members agreed that the cardboard may rip overtime, so the problem needed a long term solution. The sustainable solution to improving recycling in the school would be to purchase plastic recycling bins and rolling carts to transport the recycling to the dumpster. The Green Club audited the school and determined a total of 30 tall classroom collection 18-gallon bins (\$5.00/ea) and 5-50 gallon rolling trash (\$99.50/ea) cans would be needed so there would be a sustainable place to put the recycling and bring it to the outdoor, recycling dumpster.

To help engage the entire school to the "Sinclair Lane 2017 Recycle Rally", Green Club members suggested that each student, teacher and administrator in the school receive a reusable water bottle, to use instead of the wax coated cone cups used from the water jug. The cone cups are not recyclable and add to general trash. A total of 300 water bottles with "Sinclair Lane Recycle Rally" will be handed out to students as a reminder to reduce the amount of trash when possible. The Green Club also suggested making a "Green Cleaning Product" from vinegar, water and essential oils, as a gift to each teacher before the winter break in December. A total of 30 spray bottles (\$1.00/ea) and 4 gallons of vinegar (\$4.00/ea) would be needed to make the Green Cleaner.

Blue Water Baltimore is an invested partner with the Belair-Edison Neighborhood Association, of which Sinclair Lane is a member. Blue Water Baltimore offered to provide 3 classes for Sinclair Lane 5<sup>th</sup>, 4<sup>th</sup> and 3<sup>rd</sup> grade students at a reduced rate of \$25/hour. Each of the two fifth grade classes will attend and assist with the storm drain stenciling on the property (1 hour each-total \$50). The 2 third grade classes will attend the H2O Mystery Lab (1 hour each-total \$50). The fourth grade will attend the Wilderness Walk at Herring Run (1 hour each-total \$50) and will require a bus for transportation (\$320).

Our timeline allows for immediate implementation of our project upon receipt of grant funding. All cans will be purchased from the City of Baltimore Department of Public Work. All 50-gallon bins will be purchased from OfficeMax, and are in stock items available for immediate pick up. The water bottles will be ordered online from Quality Logo Products and shipped to the school. Vinegar and water bottles can be purchased at

the Dollar Store and Walmart. The classes offered to Sinclair Lane by Blue Water Baltimore will be scheduled accordingly.

Baltimore City Department of Public Works determined that during the 2016-2017 school year, Sinclair Lane only had one successful recycling pick up out of 38 (only a 3% success rate for recycling for the year). Once the items are in place, the goal is to improve the recycling success rate from 3% to 90% in the 2017-2018 school year. Green Club members will keep track of recycling pick up on a monthly basis and share the successful pick up with the school during the morning announcements to ensure recycling steadily improves over time.

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.

While auditing the school for recycling bins, the Green Club audited light switches for reminders to turn of the lights. Jae Feyijinmi of the Baltimore Energy Challenge dropped off 40 additional sticker reminders to place on switch plates in the classrooms still in need.

5. Please check this box if you would be interested in having a corporate volunteer group assist with your project.x

# Budget

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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
<b>Implementation</b> (The tools you'll need to carry out your project)	30 Yellow Recycling Cans (18 gallon), 5 Rolling Recycle Bins (50 gallon), 30 spray bottles, 4 gallons white vinegar	\$693.50
<b>Promotion</b> (Informing other students or members of your community about the project. Examples include flyers, banners, t-shirts, bumper stickers, and bulletin boards)	300 water bottles with "Recycle Rally" logo (Item #Q8705)	\$289.04
<b>Recording and Reporting</b> (Documenting your work by print, photo, video and/or other means)	Photocopies and photos sent home to parents, school announcements, Green School Application	\$47.46
<b>Training and Research</b> (Materials or other information resources, including field trips fees)	Blue Water Baltimore (BWB) reduced fee to come into the school and teach storm drain stenciling to 5 <sup>th</sup> graders, lead a Wilderness Walk with 4 <sup>th</sup> graders and lead the H2O Mystery Lab with 3 <sup>rd</sup> graders. (class details are provided on the BWB website)	\$150.00
<b>Transportation</b> (Getting to and from events or sites needed to carry out the project)	Bus transportation for 4 <sup>th</sup> graders from Sinclair Lane to Herring Run for the Wilderness Walk with Blue Water Baltimore	\$350.00
<b>Other</b> (If you expect other expenses, please describe them here)		\$
<b>TOTAL</b>		\$

# Reporting Requirements

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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 April or May 2018. The poster will describe your project, and, ideally, students will attend and speak about their work.