



# BALTIMORE ENERGY CHALLENGE

## 2015—2016 Energy Hub grant Application

### School Information

School Name: Thomas Jefferson Elementary Middle

School Number: 232

School Address: 605 Dryden Drive

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.

### Project Coordinator Information

The Project Coordinator is the teacher, staff member, or parent/community volunteer who will take the lead in helping the Green/Energy Team implement its 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. The Project Coordinator is also responsible for tracking expenses, maintaining spending records (receipts), and completing a report at the end of the project.

Project Coordinator's Name: Adren Kornegay

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

Project Coordinator's Phone Number: school 410-396-0534 cell 443-570-9770

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

Are there other teachers or staff in your school who will participate in the project? If so, please provide names, positions and contact information:

Porsha Stokes-Williams 2<sup>nd</sup> grade teacher

### Student Green Team or Energy Team

This Team is a group of students working together to make their school a more environmentally friendly/energy efficient place. They can meet either during or after school. If your school does not

currently have a Green/Energy Team, you must form one in order to apply. Science classes may also form a Green Team, and may be taught during the regular school day. Please include the names and signatures for at least five students; your Team is not limited to five students. (If submitting application as an attachment by email, please scan the following page of signatures and email separately if needed.)

☐ For our Energy Hub grant, we will call this group the "Energy Team" (this is not required)

**Name and Grade**

**Signature**

1. Amira Betts

Amira Betts

2. Michael Simms

Michael Simms

3. Tyon Noble

Tyon Noble

4. Niyah Howard

Niyah Howard

5. Keymon Moore

Keymon Moore

Please provide a description of your Green/Energy Team, including which classes and/or grades the participating students are drawn from, how long the group has worked together, and what other projects, if any, they have worked on so far, etc.

Our team includes 2<sup>nd</sup> graders in Mrs. Stokes-Williams class. They have worked together the entire school year. They have completed several personal and group projects with the aid of their teacher. The built straw houses and completed map projects.

When will this group meet? And will membership stay the same or will it change throughout the school year? The group meets everyday. This will be the same group the entire year.

**Project Description**

Please answer the following questions.

1. What will you title your school's Energy Challenge Project (be creative)? Energy Erasers
2. Describe your project: What will your students do with the funds you are requesting? How will they be involved as energy leaders through the project? How will it decrease energy use and increase sustainability at your school? Also include no-cost activities in your description.  
With the requested funds we will attend a **field trip** to the science center, conduct **energy audits**, make **pizza oven boxes**, and have a contest to design light switch covers for classrooms. Junior Energy Captains (JEC) will become leaders by learning from the Americorps and BEC staff. They will take what they know and use it to implement our projects. We will decrease energy use with the audits. Staff will receive citations to track wasted energy. JEC will make pizza oven boxes and give demonstrations to other classes. We will have a contest for light switch cover design showing energy conservation.
3. How will your project spread the message of energy conservation through the school community to as many people as possible? With the audits we will be visible as we go to classrooms to check for energy use. JEC will teach other classes.
4. What are the steps you will take to carry out your project? Will you work with any partners? Mrs. Stokes-Williams and Mrs. Kornegay will plan out projects, starting with energy audits. We will develop a schedule, criteria, and procedures.

5. What are your anticipated outcomes for your project? We expect to see less rooms left with lights on when not in use, we expect our JEC to teach classes, we expect JEC members to come back and inform others about what they learn on their trip.
6. How will your project reach and/or impact the rest of the school or your community at large? We will have presentations during school and community events.

### **Project Timeline**

Please keep in mind that schools may have to limit, but not cancel, some grant activities during testing. This timeline will help guide the project so the project can be successfully completed.

Month	Activities
January	Energy audits
February	Energy Audits
March	Energy Audits, Science Center Trip
April	Energy Audits
May	Energy Audits, Pizza Box Ovens

## **Budget**

Please complete the budget form below. Total budget request per project may not exceed \$1,000. Please list the quantity, type of item, and cost or approximate cost of all items. List vendors if known.

<b>Category</b>	<b>Items</b>	<b>Cost</b>
<b>Implementation</b> (The tools you'll need to carry out your project)	15 Pizza Box Ovens – tape, scissors, pizza boxes, newspaper, aluminum foil, plastic wrap Energy audits – paper, clipboards	\$100.00
<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)	JEC sashes, badges, posters, bulletin boards, flyers	\$150.00
<b>Recording and Reporting</b> (Documenting your work by print, photo, video and/or other means)	Printing pictures, making videos	\$100.00
<b>Training and Research</b> (Materials or other information resources, including field trips fees)	Science Center Trip	\$250.00
<b>Transportation</b> (Getting to and from events or sites needed to carry out the project; typically the cost to rent a bus)	Reliable Transporation	\$400.00
<b>Other</b> (If you expect other expenses, please describe them here)		\$
<b>TOTAL</b>		<b>\$1000.00</b>

## **Reporting Requirements**

Before submitting an application, please read thoroughly the following reporting requirements.

- The Green/Energy Team will complete a pre- and post-survey, which we will provide. If AmeriCorps volunteers teach the BEC curriculum to a specific class, those students will need to complete the pre- and post-survey as well.
- The AmeriCorps and BEC staff will plan a meeting in March for a verbal progress report of your activities at which time you can provide copies of receipts from purchases made to that point.
- At the completion of the project, a narrative report with an updated actual budget and remaining receipts from all funds spent must be submitted. A report template will be supplied and will include topics such as final project description, testimonials from students and teachers involved in the project, the number of students who were reached by the project, and potential next steps.
- The school will take photos of grant activities to supply to BEC staff for use in promotional and educational materials.