

TrashMasters!™
Team **Up** to Clean **Up**



Elementary Division
Brooklyn Borough
Runner-Up

K414
Brooklyn Arbor

2013 GOLDEN APPLE AWARDS

This certificate is awarded with the sincere appreciation and esteem of a grateful Department and City in recognition of your school's efforts to help make New York City shine.



City of New York
Department of Sanitation
Bureau of Waste Prevention, Reuse and Recycling
nyc.gov/wasteless

NYC
recycle more,
waste less!

2013 Golden Apple Awards Contest Entry Judging Info

(This sheet prepared for judges' use by DSNY BWPRR)



ID Info: 13025
School: Brooklyn Arbor School
Grade Division: LM
Borough: K

Golden Shovel Award contestant
(for borough Master School Composter)

2013 Project Entries received for:

School Population: total # 198

Core Group: **Total Participating:**

TrashMasters! Super Recyclers

Received:

TrashMasters! Reduce & Reuse Challenge

Received:

TrashMasters! Team Up to Clean Up

20

198

Arbor Day Celebration and Day of Service Learning

Received: 5/1/2013

Global Kids helped plan a day of service learning, conducting a large neighborhood cleanup; SolarOne led composting workshops with all classes, and donated worm bins that were adopted by two classes. Whole Foods donated 100 bananas and apples; students composted the cores and peels. The Human Impacts Society helped students clean, aerate, and plant in local tree beds around the school.

Prior Year Entries:

13:TU-ru

Current Prizes

13:TU-ru

School Contact Information:

Phone: 718-963-0393

Address: 325 South 3 St
Brooklyn

11211

Block&Lot: 3024230001

DOE Location: K414

DOE Bldg: K019

Contest Coordinator: Beth Reed

Principal: Eva Irizarry

Sustainability Coord: Beth Reed

REQUIRED for Super Recyclers only:

Custodian: Wolfgang Holman

Info Confirmed: 5/16/2013

Printed: 6/26/2013



Brooklyn Arbor Golden Apple Application 2013

School Information

Name: P.S. 414, Brooklyn Arbor

Address: 325 S. 3rd Street, Brooklyn, NY 11211

Tel: (718) 963-0393 Fax: (718) 963-2083

Principal: Eva Irizarry, (718) 963-0393, brooklynarbor@gmail.com

Magnet/Sustainability Coordinator: Beth Reed, (718) 963-0393, bethbkarbor@gmail.com

Brooklyn Arbor opened its school doors for the first time this past September. We currently serve 198 curious and energetic kindergarten through second grade students. Located in South Williamsburg, Brooklyn, our magnet status allows us to accept students from our neighborhood community, as well as those from outside the school zone. By 2015, Brooklyn Arbor will grow into a comprehensive elementary school spanning from pre-kindergarten through fifth grade.

Our magnet theme is Global and Ethical Studies, which runs seamlessly through our curriculum across all content areas. Our school's vision of preparing students to be global citizens, through environmental sustainability and ethical choices for both the planet and themselves, is the focal point of who we are as a school. In the eight short months that we have been open, we have composted, recycled, planted trees, and partnered with Solar One, Global Kids, Trees NY, CITYatwork, the YMCA, Whole Foods, as well as local businesses and organizations such as The Human Impacts Society. From the start of the school year, students have participated in recycling assemblies, demonstrations, exercises and daily actions around recycling initiatives. In addition, we have chosen all of our "Green Books of the Month" to reflect the theme of environmental awareness and sustainability.

Throughout the year, students at Brooklyn Arbor have committed themselves to saving energy through the Green Cup Challenge, made ethical food choices through nutrition education classes with our partner, Veggiecation, worked to care for and sustain our school garden and experienced countless lessons on environmental awareness, stewardship and global awareness.

Contest Entry Information

Borough: Brooklyn

Grade Level: Elementary K-2

Event: Arbor Day Celebration and Day of Service Learning

About:

In celebration of Arbor Day, students, teachers, parents and various partnerships joined together to bring hands-on learning and service to the entire school community. Participants contributed resources, time and positive energy to help bring our vision of learning and caring for the environment to life. On this day, Global Kids (an organization dedicated to service learning) helped to plan a large neighborhood clean-up effort. Students filled their garbage bags in amazement as they noticed how much trash they gathered from a short walk around the neighborhood! Solar One taught a composting workshop to all our classes in which students were able to experience how food scraps become dirt again as part of the circle of life. They also donated two worm bins to two classes that adopted them! Whole Foods donated 100 organic bananas and apples. These were first enjoyed as a healthy snack. Then the cores and peels were composted! The Human Impacts Society helped us clean, aerate and plant in local tree beds beautifying the perimeter of the school for all to enjoy. All staff and students were busy caring for our community, neighborhood and larger planet throughout the day. Life lessons (that can never be taught in the classrooms) were abundant, filling the air with hope for our future.

Student Involvement: All 9 classes participated/198 students

Implementation:

- The project grew out of seeds planted in a Professional Development workshop with Global Kids and Magnet themed meetings, where we worked to target a need in the neighborhood. Both students and teachers wanted to help and learn more about the community. As a result, we came together to plan a day of service learning that involved cleaning, planting, composting, recycling and trash options, all in an effort to advocate for healthy changes for ourselves, the community and the planet.
- Project Planning- In collaboration with Global Kids and our own school faculty, we planned this wondrous day with great pride and conviction as we worked to bring our school-wide vision to life. Ideas were brought to the table, resources were shared, responsibilities divided up, timelines created, and members empowered to make a day of difference that would last a lifetime.
- Just days before Arbor Day, classes took part in an Earth Day celebration. Students and teachers expressed their love for Mother Earth through song, dance and poetry. "Dirt Made My Lunch", sung by our first graders, communicated and emphasized the purpose of composting and the impact it has on daily life. Students prepared for Earth Day by reading The Lorax and taking part in teacher planned lessons. Through this fictional text, teachers

connected students' learning with making healthy choices, tree stewardship and the importance of the community.

- To make this a 'true celebration of our community', invitations were extended to elected officials, as well as our partners Solar One, Veggiecation, CITYatwork and the local Greenline newspaper. *Although the Greenline paper was not able to attend, we were asked to send pictures and a blurb, to be featured in the June issue. Two representatives from Councilwoman Diana Reyna's office attended, along with Assemblyman Joseph Lentol. Our Magnet director and a few student volunteers from The Green School, a local high school, were also present. All Brooklyn Arbor staff members were on board, fully prepared and eager to partake in the event. Through school emails, planning meetings, flyers and lunch and learns, the faculty and all invitees were warmly welcomed.
- *See partners above.

Project Analysis

- We could not have been prouder to witness such success in a school-wide collaborative effort to achieve one goal through one vision. It was a true celebration of learning by doing, hands on participation, and teaching through real life examples, with information and work that was important, meaningful and purposeful for the students. The sense of empowerment that was evident through the smiles and pure joy on our students' faces backed by the recognition and support from our partners and community members, made Arbor Day a day to always remember.
- From this experience, it is with great anticipation and excitement that we think about our plans for next year's Arbor Day – being even bigger and better. We hope to build capacity through engaging more staff in the planning process and increasing the number of activity stations for our students. Our goal is to explore the many ways in which to maximize the potential of such an event. We know that we can improve upon and increase the scope as a whole, to make an even greater impact on our students and community next year.
- Reflecting on this day, it is of utmost importance that schools make sure to take into account all of the components of the day, from where and when students will be rotating stations to how all the supplies will get to all of the locations. Furthermore, because this is truly a team effort, it is imperative to have a few reliable and flexible staff members available to shift from group to group to ensure everything is running smoothly and to address any issues or concerns that arise at the last minute. In planning, no detail is ever too small to be overlooked.
- Success was measured by the contagious smiles worn by each of our students and invited guests. It was also evaluated by the thank you emails and conversations amongst staff that validated what a positive day they had experienced and how much they had learned! Parents complimented the school and staff and reiterated what a fantastic time their children had throughout the event. This qualitative data was captured and forever

etched in our hearts and will serve to drive and unite our forces for future Arbor Days to come.

- We plan for this event to be an annual tradition at Brooklyn Arbor that will only grow larger with time. The prize money would help put more plans in place and make another day like this not only possible but sustainable for the future. Some of the possibilities include, all classes added on as we grow full scale, receiving a composting collection container, expanding our worm bins, obtaining and a larger composting container, creating a robust composting program, and developing the resources to plant native plants and trees in the surrounding area. The funds will help nurture the growth of these and other initiatives that will be planted during our planning stages.

Pictures and Supporting Documents

Arbor Day banner:



In preparation for Arbor Day,
first grade class performs
"Dirt Made my Lunch" on Earth Day:



Student performance-
Arbor Day poems:



Neighborhood clean-up:



Teacher reading President Obama's
letter about community work:



All the trash collected by each class:



“Green Book of the Month” display:



Worm bin and composting collection display:



Whole foods fruit donation:



Two lucky teachers with their new worm bins:



Solar One explains and demonstrates composting:



Tree Beds BEFORE:



Tree Beds AFTER:



Aerating, Planting, Cleaning and Watering:



Arbor Day Flyer:



Friday, April 26th

Brooklyn Arbor Elementary School

325 South 3rd Street

1:00-2:30pm

On Arbor Day, our students will engage in hands-on experiences aimed at promoting and raising environmental awareness. Join us as we compost, make green smoothies, build tree guards, clean up the neighborhood, plant flowers and make tree print cards!

Our Arbor Day Partners: Global Kids, Solar One, Whole Foods, Veggiecation, The Human Impacts Institute and the Green School

Questions: Contact Beth Reed at bethbkarbor@gmail.com



Planning Agendas



Arbor Day Planning Friday March 22, 2013 Exploratorium

- **Introduction**
 - School-wide day of service learning
 - Cleaning/planting/composting/food samples
 - Purpose- Brainstorm/Dream/Wish List
- **Confirmed Partners**
 - Veggiecation- nutritional education booth and samples/ taste test voting
 - Global Kids- PD/planning w Magnet Team ½ day pre- event/support/materials
 - Solar One- hands on support educational team member
- **Still Waiting to Hear**
 - Human Impacts
 - Whole Foods apples/bananas donation for snacks and composting
 - Trees NY
- **Action Plan**



Arbor Day Planning With Global Kids Tuesday April 9, 2013 1:30-2:30pm Room 105

- **Introduction**
 - School-wide day of service learning
 - Share agenda from planning meeting
- **Confirmed Partners**
 - Veggiecation- nutritional education booth and samples/ taste test voting
 - Global Kids- PD/planning w Magnet Team ½ day pre- event/support/materials
 - Solar One- hands on support educational team member
 - Human Impacts- tree guards and materials
- **Still Waiting to Hear**
 - Whole Foods apples/bananas donation for snacks and composting- need to follow up
 - Trees NY- follow up
- **Action Plan**
 - How can Global Kids support our teachers when planning this event
 - Materials/resources/supplies/ logistics

Resources for Teachers



The Lorax has Arrived!

Hello all,

Enclosed you will find a copy of The Lorax for your classroom as well as an Early Reader version courtesy of Global Kids.

These are two great resources for you as we continue Earth Week and build up to Arbor Day on Friday April 26, 2013.

Attached are some discussion questions to enhance and extend your reading and for more resources visit:

http://www.seussville.com/Educators/lorax_classroom/educatorlorax_discuss.php

Enjoy,

Beth Reed
Magnet Coordinator



Auditorium Assembly Agenda

9:30- 9:45- Welcome/Purpose/Slide Show – Beth

9:45- 10:00- Global Kids

10:00- 10:10- Student poem readings

- Ariel- Sassafras
- Mia- Sassafras
- Maia- Hemlock
- Obama letter quote- Ms. Smith

10:10-10:15- Walking trip expectations

Staff Welcome Letter

April 26, 2013

Dear Brooklyn Arbor Staff,

I am very excited to present our first annual Arbor Day celebration! Attached please find a packet including your morning and afternoon schedule, neighborhood map, walking checklist, tree bed maintenance and resources to continue and extend our work today.

I am looking forward to this day of discovery and exploration through hands-on learning and service for our community. If you have any questions throughout the day, please do not hesitate to ask. Enjoy this day with your students!

He who plants a tree plants hope
(Lucy Larcom)



Tree Bed Handout

Tree Bed Maintenance

- Clean up all trash in and around the tree bed.

Note: Students should not touch any glass or anything sharp

- Aerate the soil: Using a gardening tool, mix the soil and loosen it up
- Plant the native plants in your assigned tree bed, about 3-4 per bed.

Note: Plants should be about a foot apart; use your best judgment.

- Need help?! Look for a green shirt that isn't with a group and pull them in!



Inspirational Tree Quotes

Trees are poems that the earth writes upon the sky.

~ Kahlil Gibran

All our wisdom is stored in the trees.

~ Santosh Kalwar

I'm such a fan of nature, and being with the trees every day fills me with joy.

~ Scott Blum

“To be without trees would, in the most literal way, to be without our roots.

~ Richard Mabey

He who plants a tree

Plants a hope.

~ Lucy Larcom

The best time to plant a tree was 20 years ago.

The next best time is now.

~ Chinese Proverb



Arbor Day Master Schedule

Solar One Station

12:50-1:05- Chestnut/Spruce
1:05-1:20- Dogwood
1:20-1:35- Magnolia/Hemlock
1:35-1:50- Sassafras
1:50-2:05- Maple
2:05-2:20- Sequoia

Veggiecation Station

12:50-1:05- Dogwood
1:05-1:20- Magnolia/Hemlock
1:20-1:35- Chestnut/Spruce
1:35-1:50- Juneberry
1:50-2:05- Sequoia
2:05-2:20- Maple

Whole Foods Station

12:50-1:05- Magnolia/Hemlock
1:05-1:20- Sequoia
1:20-1:35- Dogwood
1:35-1:50- Chestnut/Spruce
1:50-2:05- Maple
2:05-2:20- Sassafras
2:20-2:35- Juneberry

City At Work Station

12:50-1:05- Sequoia
1:05-1:20- Maple
2:05-2:20- Juneberry

Green Committee Station

1:05-1:20- Chestnut/Spruce
1:35-1:50- Dogwood

School/community Map for Tree Bed Work

Click on Sign to add text and place signature on a PDF File.



Student Work & Thank You Cards

