

TrashMasters!™
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CHALLENGE



Elementary School Division
Staten Island Borough
Winner

Graniteville School PS 22


NEW YORK CITY DEPARTMENT OF SANITATION

2004 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, Michael J. Bloomberg, Mayor
Department of Sanitation, John J. Doherty, Commissioner



John J. Doherty, Commissioner
June, 2004



FreshMeat®
REDUCE & REUSE CHALLENGE
 "Thank You Staff Here!"

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The Mayor
 Michael R. Bloomberg, Mayor
 The Deputy Mayor
 Thomas J. P. DiNapoli, Deputy Mayor





Trash Masters!

Reduce and
Reuse
Challenge

The
"TOPS"
in
Reducing &
Reusing

P.S. 22
1860 Forest Ave
Staten Isl., NY 10303

Teresa Caliani Co-ordinator

Contest Name: TrashMasters! Reduce and Reuse Challenge

School Number: P.S. 22

School Name: The Graniteville School

District: 31 **Borough:** Staten Island

Grade Division: Elementary

School Address: 1860 Forest Avenue Staten Island, NY 10303

Phone: 718-761-6986

Fax: 718- 815-3104

Email: teri@galexo.com

Principal: Karina Costantino

Contest Coordinator: Teresa Caliarì



Names of participating students, classes and staff:

All the P.S. 22 community participated in this project as well as the deli across the street.

The following students made signs and collected and sorted the bottle caps:

Amada Delacruz 3-200

KeriAnn Eng 3-205

Ayza Hayat 3-205

Michael Leckow 2-211

Arlinda Iela 3-200

Samantha Ong 3-205

Eddie Miranda 3-200

Jerry Rebollar 3-205

The following classes are participating in the letter exchange program:

Mrs. Costantino and Class 4-A225

Ms. Nigro and Class 4-A217

Ms. Simpson and Class 3-A212

This project was designed to show that P.S. 22 is the "tops" in reducing and reusing in the city. Several options were discussed but it was decided to go with two different efforts. Though bottles can be recycled the tops need to be removed first and so become part of the regular garbage. We would reuse these tops and thus reduce the amount of waste the P.S. 22 community produces. The first was a short term collection that would help a facility that we work with here on Staten Island -Blue Heron Park . In their newsletter they requested large laundry caps for use as paint holders for art projects they do with visiting students. So we made an appeal over the loud speaker and in the PTA newsletter and received 50 laundry caps which we brought to Blue Heron Park when P.S. 22 visited on March 28.

The other part of the project is ongoing and will continue until the end of April. In November Tina Carr, owner of Gomi USA was contacted. Gomi is a Japanese word for trash and Gomi USA is an East Village boutique that specializes in postconsumer products. After discussing several options it was decided that collecting bottle caps would be the perfect item for the students to collect. The bottle caps are made into bags by a family-run labor cooperative in Zimbabwe. So the possibilities existed for making this a cultural experience as well as to provide a lesson in reusing. A letter-writing exchange would be set up between a school in Zimbabwe and P.S. 22 as well as the bottle cap collection.

A letter was drafted that was sent to all students' homes explaining the campaign. Several pieces have appeared in the PTA newsletter, a box was set up in the deli across the street and students made signs on old cardboard boxes telling everyone to save their Snapple-sized bottle caps that were posted around the school. A graph was made to monitor our progress.

As of April 1 we have collected over 1500 bottle caps which in volume equals about the size of a very full very large shopping bag. This far exceeded Ms. Carr's expectations. In May the students will present her with the sorted caps as part of a program P.S. 22 holds each year in which we honor our efforts to give back to the community.

The letter-writing aspect has met some obstacles but contact has finally been made and it is expected that this part of the program will begin when we return from spring break. Three classes have expressed an

interest in linking with a school in Zimbabwe thereby providing a real life dimension to what might otherwise be a textbook geography lesson.

Through this project the students met the following standards:

English Language Arts:

E3b. Participate in group meetings

E3c. Prepare and deliver an individual presentation

E4a. Demonstrate a basic understanding of the rules of the English language in written and oral work

E4b. Analyze and subsequently revise work to improve its clarity and effectiveness

Mathematics:

M2i. Select and use units for estimating and measuring quantities

M4a. Collect and organize data

M4b. Display data

M7d. Consider purpose and audience when communicating about mathematics

Applied Learning:

A1c. Plan and organize an activity

A2b. Compose and send correspondence

A4b. Keep records of work activities in an orderly manner

A5a. Work with others to complete a task.

A5c. Respond to a request from a client



Photographs by Meg Benson for The New York Times



REPROCESSING

One Man's Trash Is Another Man's Purchase

Gomi is a Japanese word for trash. An East Village boutique called Gomi USA specializes in postconsumer products. It sells a \$500 bench made from used snowboards that, by keeping the material from going into the trash, "saved 117.84 kilowatt-hours of energy, 32.58 gallons of oil, 325.8 gallons of water, 2.7 cubic feet of air pollution and .15 cubic yards of landfill," said Tina Carr, above, an owner. A \$29 clock was a New York taxi medallion, and a \$50 basket, top, reuses 252 bottle caps. Doormats recycle rubber scraps from a flip-flop factory. This year, the shop plans to sell \$9 spiral-bound sketchbooks with blank pages of recycled-denim paper. Gomi is at 443 East Sixth Street; gominy.com. CRAIG KELLOGG

Dear People:

I am a teacher at P.S. 22 in Staten Island. Each year we enter a contest sponsored by the NYC Dept. of Sanitation that awards prizes to schools for the most innovative and successful waste prevention practices. I read a small article about your store in the NY Times and was intrigued. Would it be possible for our school to collect some materials needed by one of your artists? Pictured in the article was a bottle cap basket, we could collect bottle caps for example. I would be interested in helping in anyway we could. Thanks for your time.

Sincerely, Teresa Calian P.S. 22

Initial Contact

From : gominy.com@juno.com
To : olyas2000@hotmail.com
Subject : Re: Recycling
Date : Thu, 13 Nov 2003 21:16:58 GMT

Dear Teresa,

Thank you so much for your email and I'm sorry about the delayed response. I think the project sounds like a great idea, and I actually think that the bottle caps may be the perfect item for your kids to collect. The bags are actually made in Zimbabwe by a family-run labor cooperative, and so the possibilities for making this both a cultural experience, as well as provide a great lesson in recycling, is fantastic. I just spoke with Bob, who is responsible for bringing the bottle cap bags over, and he said that if there was interest he could help set up letterwriting exchange between a school, or class, in Zimbabwe and PS 22.

Thank you again for your email - and I look forward to talking to your. I can be reached at the store between 1-8 tomorrow and Sunday - or by email.

Best, Tina

Debating Options

From : <gominy.com@juno.com>
Sent : Wednesday, December 3, 2003 8:13 AM
To : olyas2000@hotmail.com
Subject : Re: Recycling

Dear Teri, Sorry again for the delay. So, let's go ahead with the Snapple lids - and other metal lids of the same diameter if there are any. Unfortunately, I found out that the can tabs won't work. The company has a participating group of restaurants here and in Brazil that save the can tabs as soon as they pop them off the cans because they need them to be pretty scuff-free. I was also thinking that the little piece of metal that connects the tab to the can is pretty sharp, and so it might also be a good idea to avoid them for that reason. Bob owes me a phone call and I am reluctant to chase him down because of his family issues right now, so I haven't talked to him again about the exchange part of the project - but I'm assuming that he's still enthusiastic about it - as am I. Let me know what you think. Best, Tina

P.S. 22 1860 FOREST AVENUE STATEN ISLAND, NEW YORK 10303

January 6, 2004

Dear P.S. 22 Community,

It's Trashmasters' Challenge time again. As you may know P.S. 22 has won this contest sponsored by the NYC Dept. of Sanitation three years in a row! This is only possible because of the great team effort put in by all involved.

Our first item for recycling will be the bottle caps found on 16 oz. bottles of Snapple and similarly sized beverages. These bottle caps will be made into bags of varying sizes by Tauro Wire Works, a family-run cooperative in Zimbabwe. By collecting these bottle caps we will not only be stopping them from being added to our garbage but we will be supporting economic empowerment, sustainable development and cross cultural awareness.

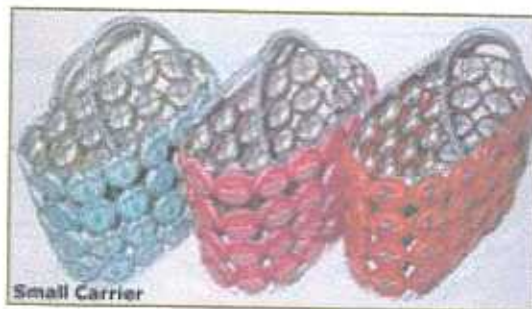
So start bringing in those cleaned bottle caps now as we strive to meet and beat the Trashmasters' Challenge once again.

Thanks as always for your help.

Sincerely,

Ms. T. Caliani

Ms. T. Caliani
Trashmasters' Co-ordinator



Letter sent
home
with
every child

Approved *Marina Costantino*

home

art

gifts

home furnishings

music

communities

cozmo craftz

handmade in zimbabwe

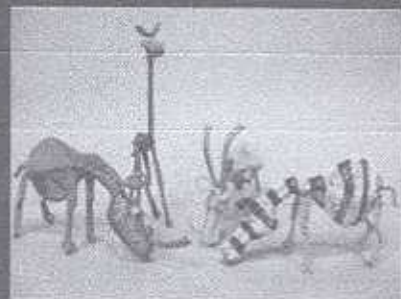
Art

Wire and metal sculptures by Tauro Wire Works - a family-run co-operative who make beautiful sculptures and unique bags using recycled wire, metal and bottle tops. The African animal sculptures capture the spirit of the continent's wildlife and feature incredible scale and detail. The bottle top bags make a unique African fashion statement.

Wall hangings, cloth appliques and paintings by the Weya Woman's Group - one of Zimbabwe's oldest and most successful woman's co-operatives. Each piece is a unique work of art that reflects the real lives of Zimbabwean women and comes with a hand written note that tells the story of the piece.

↑ →
Where the
bottle caps
are going

Another example
of the
bags they
make →



ANNOUNCEMENTS

Lunch Money

Lunch money is collected on Tuesday. For the month of February, it is as follows:

2/3 & 2/24 -

Full - \$15.00

Reduced - \$2.50

Milk ~ \$2.50

BOXTOPS 4 EDUCATION

Congratulations to class 5A-128 on winning the Dec. Pizza Party. Our next contest ends on February 27. Collect the boxtops and send them into your child's teacher in an envelope with the teacher's name and class number on them. They will then be sent to the PTA in room 104. Who will win the pizza party?

No Parking!

+++Please do not park in the small parking lots across from the school on evenings when there are events held at the school. These small businesses lose customers when there is no parking available. They will be forced to call towing companies and tow cars that are parked illegally. Thank you for your attention to this matter.

Congratulations to Mr. Knight on the birth of his son Dylan on January 28.



PTA Meeting

Join us at our General PTA meeting February 10, 2004 @ 7:30pm. Doors open at 7:00pm, enter at exit 6 on Sanders Street.



Valentine's Dance

The PTA is happy to sponsor it's annual Family Valentine's Dance. Tickets are \$5.00 and go on sale Monday, February 9. Everyone in attendance must have a ticket. Tickets are sold on a first come first service basis and they are limited. No tickets will be sold at the door.

Yearbook Ads

The 5th grade yearbook committee is working hard on producing a
dyn
sup
you
grac
the
Plea

Announcement
in
February's
PTA newsletter

Parents As Art Partners

P.S. 22 has been awarded a Parents as Art Partners grant from the Center for Arts Education again this year. The first event is on March 28th. We will be visiting Blue Heron Park. On April 24th, it's a trip to Alice Austin House. May 15th trip is to Clay Pit Ponds and June 12th Wolfe's Pond Park. Mark your calendar now as you won't want to miss these exciting happenings. Look for your invitation and further information as we get closer to the actual dates.

Penny Harvest

Thank you to the entire P.S. 22 community for your tremendous response to our recent Penny Harvest. As a result of your generosity we collected \$2000.00. The children on our Roundtable will decide how to distribute these funds.

Trashmaster Challenge

We are still collecting Snapple caps, please help us meet the Trashmaster Challenge! We are also collecting the caps from the large detergent bottles.

ANNOUNCEMENTS



Lunch Money

Lunch money is collected every other Tuesday. For the month of March, is as follows: 3/9 & 3/23

- Full ~\$15.00
- Reduced ~\$2.50
- Milk ~ \$2.50

BOXTOPS 4 EDUCATION

Our second contest ended on February 28. We had a very good response and will let you know shortly who won the pizza party. Even though our contests are over, please keep collecting and sending them in to the PTA in room 104.

Trash Masters

We are still collecting Snapple Bottle caps. Please save any caps and send them in with your child.



Parents As Art Partners

The first workshop will be on March 28th. We will be visiting Blue Heron Park. Further information will follow.



PTA Meeting

Join us at our General PTA meeting March 9, 2004 @ 7:30pm. Doors open at 7:00pm, enter at exit 6 on Sanders Street.

*Mark
your
Calendar*

Dates to Remember

March 10-Children First Reform meeting at Susan

Announcement
in
March's PTA
newsletter

March 18-Evening Parent Teacher Conferences



MADE IN AMERICA

Operation Comfort

Class 3A-212 has been involved in "Operation Comfort" since the beginning of the year. "Operation Comfort" is a project, which provides support to the wounded soldiers at Walter Reed Army Medical Center. The students write letters and cards as well as collect donations and/or purchase needed items for the wounded.

The students of class 3A-212 submitted persuasive essays to "Common Cents Penny Harvest" and because of their efforts; "Operation Comfort" was awarded a grant of \$450.00 to purchase additional supplies for the troops at Walter Reed.

In addition to this, the producers of the PBS children's show ZOOM will be coming to 3A-212 on March 2, to film the students in the class as well as to shop for the supplies at Shop Rite. Shop Rite loved the idea of "Operation Comfort" and decided to donate \$500.00 to the cause.



Cutting boxes for signs





Making signs





Completed signs



Displayed signs



Laundry
Caps
collected for
Blue Heron



olyas2000@hotmail.com

Printed: Thursday, April 1, 2004 7:28 PM

From : Bob Coen <bobcoen@earthlink.net>
Sent : Thursday, April 1, 2004 10:33 AM
To : Teri Olya <olyas2000@hotmail.com>
CC : <gominyo@juno.com>
Subject : Re: Zimbabwe school exchange update

Teri

Some progress today although I still wasn't able to get through to Mbizi Primary School.

Mr. Mapfumo at the nearby high school was most helpful again this morning, giving me the address as well as a fax number for Mbizi and offering to personally pass on a message to the headmaster Jophert Zomuya this evening.

I will be faxing Jophert an introductory letter later today and will try calling him at 1am which will be 8am over there.

In the meantime I think you should go ahead and get your letter out to him and you may want to also fax through a copy. His details are:

Jophert Zomuya - Headmaster
 Mbizi Primary School
 P.O. Box HD18
 Highfield
 Harare
 Zimbabwe

Tel: (011) 263-4-662305
 Fax: c/o High Glen District (011) 263-4-661819

I'll give you another update tomorrow. If you have any questions please don't hesitate to call me on my cell 917 292-3805.

Best
 COZMO CRAFTZ
 Handmade in Zimbabwe

E-mail: bob@cozmocraftz.com
 Website: <http://www.cozmocraftz.com>
 Tel: 718 855-3084
 Fax: 718 638-2131
 Address: 10 Jay Street, Suite 204,
 Dumbo, Brooklyn, NY 11201

on 3/31/04 10:41, Bob Coen at bobcoen@earthlink.net wrote:

> Hi Teri
 >
 > It looks like we're almost there - I finally got through to the nearby high
 > school this morning and they gave me the right contact number for our school.
 > All phone numbers in the area have been changed and its been a nightmare
 > getting through to Zimbabwe to find the new one. I also had the name of the
 > school wrong which did not help matters - its Mbizi Primary (zebra in the
 > local Shona language) not Highfields Primary, although it is in Highfields.
 >
 > Because Zimbabwe is 7 hours ahead of us, no-one was in the office when I tried
 > calling a few minutes ago. I will try again in the morning.
 >
 > The good news is that it looks like my old friend Jophert Zomuya is still
 > headmaster.
 >

Back & forth
 with Bob
 Coen from
 Cozmo Craftz to
 set up letter
 exchange (3PGS)

> Hope to have concrete details for you tomorrow - do not despair!

> Best, Bob

> COZMO CRAFTZ
> Handmade in Zimbabwe

> E-mail: bob@cozmocraftz.com
> Website: <http://www.cozmocraftz.com>
> Tel: 718 855-3084
> Fax: 718 638-2131
> Address: 10 Jay Street, Suite 204, Dumbo,
> Brooklyn, NY 11201

> on 3/30/04 6:59, Teri Olya at olyas2000@hotmail.com wrote:

>> Dear Bob,

>> I know you are doing your best but if I don't get an address
>> in the next couple of days I won't be able to get any letters off before the
>> deadline.
>> School breaks this Friday and doesn't return until the 14th.
>> Thanks for all your efforts.
>> We have over 1500 bottle caps already!

>> Teri

>> >From: Bob Coen <bobcoen@earthlink.net>
>> >To: <gominyo@juno.com>, <olyas2000@hotmail.com>
>> >Subject: Zimbabwe school exchange update
>> >Date: Fri, 05 Mar 2004 13:41:24 -0500
>> >

>> >Dear Tina & Teri
>> >
>> >I wanted to give you an update on the progress I'm making in
>> implementing
>> >the wonderful idea to bring school children in New York and Zimbabwe
>> >together through a recycled craft exchange project.
>> >

>> >The school in Zimbabwe that I'm trying to get involved is Highfields
>> Primary
>> >School in the capital Harare. This is an inner city school whose young
>> and
>> >dynamic headmaster has worked with me on other projects. I think this
>> school

>> >would be a perfect match and I'm certain that the teachers and students
>> >would all be delighted to participate in this kind of dialogue with
>> their
>> >peers in America.

>> >
>> >I've been having some difficulty in establishing contact with Zimbabwe
>> but
>> >am continuing on various fronts and am confident that within the next

P.S. 22
1860 Forest Avenue
Staten Island, New York 10303

Mr. Jophert Zomuya
Mbizi Primary School
P.O. Box HD18
Highfield
Harare
Zimbabwe

April 1, 2004

Dear Mr. Zomuya,

Greetings from Primary School 22 in Staten Island. We are located in one of the boroughs of New York City and are a large, 1300 student, facility with children in pre-kindergarten through fifth grade. We have been made aware of your school through Mr. Bob Coen and would like to begin an exchange of letters between our students and yours. We believe that this would be an invaluable learning experience putting an added dimension of reality to what might otherwise be a textbook geography lesson.

There are teachers in the third and fourth grade that are interested in this exchange. We are eager to hear from you if there are teachers in your school that would like to participate.

Thank you for your time and consideration.

Sincerely,

Teresa Caliar

Teresa Caliar
Science Teacher
Telephone: (718) 442-2219 school
Fax: (718) 815-3104 school
Fax: (718) 698-7240 home

Letter of
introduction
Sent to Mr. J.
Zomuya head
master of Mbizi
Primary School



Students
collecting,
sorting and
graphing
bottle caps

PS22
3-205

Keri Ann Eng
4/14/04

I feel glad that I helped out.
It was fun doing all these things to help. My favorite part was when we separated the bottle caps into colors. I'm very happy that they picked me to help with the bottle caps. I am also happy because I am helping in Africa collect bottle caps to make bags and that helps them make money.

PB22

3-205

Samantha Ong

4/14/04

I feel good for being able to help the people in africa. So they could get a living get money and many other things. They have littler things than we have so the money that they make can be used for their survival. It is fun to be collecting bottle caps for the people in africa. It also makes me feel proud to be able to help them