

TrashMasters!™
SUPERRecyclers



Elementary Division
Brooklyn Borough
& Citywide Winner

PS/IS 192
Magnet School for
Math & Science Inquiry

NEW YORK CITY DEPARTMENT OF SANITATION

2011 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 R. Bloomberg, Mayor
Department of Sanitation, John J. Doherty, Commissioner
Bureau of Waste Prevention, Reuse and Recycling, Robert Lange, Director


John J. Doherty, Commissioner
June, 2011

2011 Golden Apple Awards Contest Entry Judging Info

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



ID Info: 11004

School: PS/IS 192 Magnet School for Math & Science Inquiry

Grade Division LM

Borough: K

Golden Shovel Award contestant
(for borough Master School Composter)

2011 Project Entries received for:

School Population: total # 644

TrashMasters! Super Recyclers

Received: 5/2/2011

Core Group:

35

Total Participating:

644

Clean & Green Is Our Scene

This school promoted recycling and waste awareness by recycling properly in classrooms, offices, cafeterias, and common areas. They worked with the other school in the building, established Recycling Squads who monitored classrooms and issued recycling report cards and tickets, and increased awareness through schoolwide "Go Green" incentive campaign with cash prizes, assemblies, and "Junk-to-Funk" fashion show.

TrashMasters! Reduce & Reuse Challenge

Received:

TrashMasters! Team Up to Clean Up

Received:

Prior Year Entries:

2002:TU-participant

School Contact Information:

Phone: 718-633-3061

Address: 4715 18th Avenue
Brooklyn

11204

Contest Coordinator: Denise DeLucia

Coord Phone # (if different): 718-633-3061

Coordinator Email: ddeluci2@schools.nyc.gov

Block&Lot: 3054450001

DOE Location: K192

Principal: LISET ISAAC

Principal Email: lisaac@schools.nyc.gov

REQUIRED for Super Recyclers only:

Custodian: James Orlando

Custodian's Phone: 718-853-0430

Custodian's Email: Ck192@schools.nyc.gov

Comments (may not be relevant to judging)

Denise called to explain it took her over 6 hours to reduce file size to 3MB by removing photos and resizing photos & documentation; she is concerned the resulting pdf is illegible. Resent original 4.5MB pdf, BWPRR reduced to 3.3MB pdf.

Info Confirmed: 1/3/2011

5/4/2011



P.S./I.S. 192

The Magnet School for Math and Science Inquiry

**4715 18th Avenue
Brooklyn, New York 11204
Phone: 718-633-3061
Fax: 718-871-8721**

Principal: Liset Isaac, 718-633-3061, Lisaac@schools.nyc.gov

**Contest Coordinator: Denise DeLucia, Sustainability Coordinator
718-633-3061, Ddeluci2@schools.nyc.gov**

School Description:

P.S./I.S. 192, The Magnet School for Math and Science Inquiry is located on 18th Avenue between 47th and 48th streets in Borough Park Brooklyn. We are a Pre-K thru grade 8 school and have a student population of 644. Our school community consists of many different faces from around the world. As a result, one third of our students have been identified as English Language Learners (ELLs). In addition, another one third of our students are Students with Disabilities, many of whom are also ELLs. Our mission statement says that our school community is dedicated to providing an opportunity for students and staff to work towards their highest level of performance in an atmosphere that supports creativity, builds critical thinking skills and presents clear expectations for all.

Borough: Brooklyn

Grade Division: Elementary

Clean and Green is Our Scene



At P.S./I.S. 192, The Magnet School for Math and Science Inquiry, our goal is to promote recycling and waste awareness, and to create a school community of environmentally knowledgeable and responsible citizens.

**P.S./I.S. 192's
Recycling Squad**



Table of Contents



-  **Recycling At Our School pgs 1 - 14**
 -  **Recycling Paper and Cardboard**
 -  **Recycling Beverage Cartons, Bottles, Cans, Metal, & Foil**
 -  **Recycling Collection and Setout**
 -  **P.S. 36 @ P.S./I.S 192**

-  **Program Implementation pgs 14 - 62**
 -  **Before and After**
 -  **Project Planning**
 -  **Student Involvement**
 -  **Promotion**
 -  **Collaboration**
 -  **Educational Components**

-  **Project Analysis pgs 63 - 64**
 -  **What Worked**
 -  **What Didn't Work**
 -  **Applicability to Other Schools**
 -  **Measuring Success**

Recycling Squad



Recycling Paper and Cardboard



Classrooms:

At P.S./I.S. 192 all classrooms have two pails, a black pail for non-recyclable trash, and a blue pail for paper and cardboard. All classroom pails are properly labeled and a recycling poster is displayed by the pails. If teachers and students are unsure in which pail their garbage should go, they could reference to the recycling poster.



In the beginning of the school year all teachers assigned a classroom recycling monitor. The classroom recycling monitor is responsible for ensuring that his/her class is recycling properly, and is also responsible for emptying their classroom's paper pail at the end of each day into one of the main paper pails which are located at both ends of the hallway on each floor in the building.

At our school, we have a recycling pail for beverage cartons, bottles, cans, metal, and foil, and paper and cardboard at both ends of the hallway on every floor in the building. These pails are referred to as the main recycling pails on each floor. Having these pails at both ends of the hallway on every floor in the building serves two purposes. First, it makes it very convenient for both staff and students to recycle, as well as encourages both staff and students to recycle. These main pails serve as a reminder of our school's recycling efforts. And more importantly, no matter what floor you are on in the building, you can always find a pail for your recyclable garbage. Secondly, these main pails make our custodians' job a bit easier. As I mentioned earlier, the classroom recycling monitors are responsible for emptying their classroom's paper pail into one of the main paper pails located on their floor at the end of each day. Our custodians then pick-up from the main paper pails on each floor at the end of day, rather than having to pick-up from the paper pails of every classroom on each floor. **(**I would like to note that students DO NOT transport garbage throughout the building. The recycling monitors only responsibility is to empty their classroom's paper pail into one of the main paper pails that is located in the hallway on their floor and is closest to their classroom. The custodians are responsible for picking-up from the main paper pails on each floor and transporting the garbage throughout the building.)**

At the end of each day the procedure is as follows:

-  The recycling monitors empty their classroom's paper pail into one of the main paper pails located in the hallway on their floor.
-  The custodians are responsible for collecting the non-recyclable trash from all classrooms. The custodians go around the building with a large garbage pail, for non-recyclable trash only, and pick-up the non-recyclable trash from all classrooms.
-  After picking up the non-recyclable trash from all classrooms, the custodians then pick-up

from the main paper pails located in the hallway on each floor.

Hallway Recycling Pails (Main Recycling Pails)



Students Emptying Classroom Paper Pail Into Main Paper Pail





Custodians Picking-Up Non-Recyclable Trash from Classrooms

**As you can see the custodians pull around a large pail with them at the end of the day to empty all the non-recyclable trash they pick-up from each classroom. If they had to also empty all the paper pails from each classroom, they then would have to pull around two large pails with them, one for non-recyclable trash and one for paper. This would obviously make their job a bit more time consuming and difficult. By having the recycling monitors empty their classroom's paper pail at the end of each day into one of the main paper pails on their floor, the custodians do not have to pull around to large pails with them, and the only have to pick up from the main paper pails on each floor.



Custodians Picking-Up from the Main Paper Pails Located at Both Ends of the Hallway on Each Floor in the Building



Offices:

All offices follow the same procedures for recycling paper and cardboard as classrooms do. All offices have two pails; a black pail for non-recyclable trash, and a blue pail for paper and cardboard. All office pails are properly labeled and a recycling poster is displayed by the pails. Because most offices in the building are occupied by out-of-classroom personnel who may not service students at all, or may service students but do not have students available at the end of the day to empty their paper pail into the main paper pail like classrooms do, we put a procedure in place. All offices have the recycling monitor of the classroom that is closest to their office empty their paper pail at the end of each day into the main paper pail in the hallway on their floor. I would like to note that the recycling monitors love this because it makes them feel that their job is very important.

Out-of-Classroom Personnel Following the Recycling Rules in Their Office



Recycling Monitor Assigned to Assist Ms. Cuccurullo, Our Guidance Counselor, with Emptying the Paper Pail in Her Office at the End of Each Day



Main Office:

The main office in our building follows a slightly different procedure than the other offices. The reason for this is because there are several paper pails in the main office and it would be too much work for one recycling monitor to empty each pail at the end of the day. In the main office there is a paper pail by each of the secretaries' desks, as well as by all other desks in the office. Our principal's office is also located in the main office, and she also has a paper pail in her office.

The procedure in the main office is as follows:

- 🗑️ There is a paper pail by all desks in the main office.
- 🗑️ There is also one large pail for paper (**the main paper pail**) located in the main office.
- 🗑️ There is one pail for non-recyclable trash in the main office. (There is not a pail for non-recyclable trash by each desk, because most of the garbage generated throughout the day in the main office is paper.)
- 🗑️ All staff members that work in the main office empty the paper pail by their desk into the main paper pail located in the office throughout the day. Even our principal Mrs. Isaac. At the end of each day the custodian picks-up from the main paper pail.

Main Paper Pail Located in the Main Office



Office Staff Following the Recycling Rules



Elio, Our Custodian, Picking-Up From the Main Pail



Mrs. Isaac, Our Principal, Recycling in Her Office

↙
Mrs. Isaac Emptying Her Paper Pail Into the Main Paper Pail
↘



Teachers' Cafeterias or Lounges:

In our school we have one teacher's lounge located on the 3rd floor. The teachers' lounge is a very small room, for this reason there is only one pail for non-recyclable trash located in this room. There is not enough space in the teachers' lounge to fit a pail for paper and a pail for beverage cartons, bottles, cans, metal, and foil. However, the teachers' lounge is located at the end of the hallway on the 3rd floor. Directly outside of the teachers' lounge is where our main pails for paper and plastics are located. All staff is aware that these are the pails they are to use if they have to dispose of any paper, beverage cartons, bottles, cans, metal, or foil when they are in the teachers' lounge.

Non-Recyclable Trash Pail Located in the Teachers' Lounge



Main Recycling Pails Located Directly Outside of the Teachers' Lounge



Kitchen:

In our school kitchen there is a pail for non-recyclable trash and a pail for beverage cartons, bottles, cans, metal, and foil. The school kitchen is quite small, for this reason there is not much space for another pail for paper. The kitchen staff has resolved this problem by designating an area directly outside of the kitchen for recycling paper and cardboard. The kitchen staff felt that it was more essential to have a pail for non-recyclable trash and a pail for beverage cartons, bottles, cans, metal, and foil inside the kitchen, because this is the type of trash that is accumulated most while working in the kitchen. Because the kitchen staff does receive many deliveries, most of the paper and cardboard garbage they accumulate is boxes. These boxes are always flattened before being set out for pick-up by the sanitation department, and these flattened boxes would also take up too much space inside the kitchen. Therefore, having the location for recycling paper and cardboard directly outside of the kitchen, rather than inside the kitchen, works best for them.



Designated Area Outside the Kitchen for Paper and Cardboard Recycling

Common Areas:

In our school we don't have a true gymnasium, but we do have a small gym area located on the first floor in the building directly off the main entrance. We decided to place three pails in this gym area to serve as our main trash/recycling pails for the first floor. In this area there is a pail for non-recyclable trash, a pail for paper and cardboard, and a pail for beverage cartons, bottles, cans, metal, and foil. We felt this would be a good location for these pails because it is directly off the main entrance, and it is a larger area than our main entrance. In the main entrance of our building there is not much wall space to place any pails, therefore, setting these pails up in the gym area directly off the main entrance was a better option for us.

Pails Located in Gym Area Off the Main Entrance



In our school's auditorium we have three pails; one for non-recyclable trash, one for paper and cardboard, and one for beverage cartons, bottles, cans, metal, and foil. In our hallways, as I stated earlier, we have recycling pails for beverage cartons, bottles, cans, metal, and foil, and paper and cardboard at both ends of the hallway on every floor in the building.

2nd Floor

Hallway Pails

3rd Floor



4th Floor



5th Floor

(**These pictures only show the pails located at one end of the hallway on each floor. We do have pails on both ends of the hallway on each floor.)

Recycling Beverage Cartons, Bottles, Cans, Metal, and Foil



Classrooms and Offices:

As I mentioned earlier in this documentation, all classrooms and offices have two pails, a black pail for non-recyclable trash, and a blue pail for paper and cardboard. Although classrooms and offices do not have a pail for beverage cartons, bottles, cans, metal and foil, they do recycle these items. All staff members were made aware at the beginning of the school year, via a memo regarding our school's recycling plan, as well as me speaking about our school's recycling plan at a faculty conference, that although we don't have pails in our rooms for these items we are still responsible for recycling such items.

All classrooms and offices keep a plastic bag in their room for any items such as beverage cartons, bottles, cans, metal, glass, and foil; at the end of each day the classroom recycling monitors dispose of these items in one of the main recycling pails located in the hallway on their floor. They then return the plastic bag to their classroom to **REUSE** it for the future collection of these items in their classroom.

Andrew Recycling His Classroom's Plastic Recyclables at the End of the Day in the Main Hallway Pail



We also have a school-wide bottle and can redemption program in place. We collect all plastic bottles and cans with a 5 cent deposit; we redeem the deposit and the money is then put into a recycling fund which will be given to a charity at the end of the school year. (**I will explain the bottle and can redemption program in further detail later on in this documentation.) Because we have this bottle and can redemption program in place, all classrooms and offices also keep a plastic bag, or some other storage device for plastic bottles and cans with a 5 cent deposit.

Classrooms and Offices Collecting Bottles and Cans with a 5 cent Deposit



I would also like to mention that our Pre-K classes eat lunch in their classroom. They do receive the small milk cartons with their lunch. Because we do not have a pail for beverage cartons, bottles, cans, metal, and foil in our classrooms, the Pre-k students have been taught to empty their milk carton into the sink in their classroom, and then to throw out their milk carton in the main pail in the hallway. (**I would like to note that the main recycling pails in the hallway on the 2nd floor are located directly outside of our three Pre-K classrooms.)



Our Pre-K Students Are Super Recyclers



Hallway Pail Filled With Milk Cartons After the Pre-K Has Finished Lunch

Teachers' Cafeterias or Lounges:

As I mentioned earlier, our school has one teacher's lounge located on the 3rd floor. The teachers' lounge is a very small room, for this reason there is only one pail for non-recyclable trash located in this room. There is not enough space in the teachers' lounge to fit a pail for paper and a pail for beverage cartons, bottles, cans, metal, and foil. However, the teachers' lounge is located at the end of the hallway on the 3rd floor. Directly outside of the teachers' lounge is where our main pails for paper and beverage cartons, bottles, cans, metal, and foil are located. All staff is aware that these are the pails they are to use if they have to dispose of any paper, beverage cartons, bottles, cans, metal, or foil when they are using the teachers' lounge.

(**I am not going to include pictures here, because I've already included them early in this documentation when discussing recycling paper in the teacher's lounge. See pg 8)

Student Cafeterias:

In the student cafeteria the recycling procedure is as follows:

- 🗑️ When the students are done eating their lunch, they pour out any beverage they had into a bucket.
- 🗑️ Next, if their beverage container is recyclable, they dispose of their beverage container in the recycling pail.
- 🗑️ Finally they dispose of their non-recyclable trash.

Pails in the Student Cafeteria



Students Recycling at Lunch Time



Kitchen:

As I mentioned earlier, in our school's kitchen there is a pail for non-recyclable trash and a pail for beverage cartons, bottles, cans, metal, and foil. Our Kitchen staff are very diligent recyclers, and they have been recycling in the kitchen long before it was a school-wide endeavor.



**Pails
In the
Kitchen**

Common Areas:

As I mentioned earlier, in our school we don't have a true gymnasium, but we do have a small gym area located on the first floor in the building directly off the main entrance. We decided to place three pails in this gym area to serve as our main trash/recycling pails for the first floor. In this area there is a pail for non-recyclable trash, a pail for paper and cardboard, and a pail for beverage cartons, bottles, cans, metal, and foil. We felt this would be a good location for these pails because it is directly off the main entrance, and it is a larger area than our main entrance. In the main entrance of our building there is not much wall space to place any pails, therefore, setting these pails up in the gym area directly off the main entrance was a better option for us.

In our school's auditorium we have three pails; one for non-recyclable trash, one for paper and cardboard, and one for beverage cartons, bottles, cans, metal, and foil. In our hallways as I stated earlier, we have recycling pails for beverage cartons, bottles, cans, metal, and foil, and paper and cardboard at both ends of the hallway on every floor in the building.

(**I have not included pictures here because I included them earlier when discussing our recycling procedures for paper and cardboard in common areas. See pg 9)



**Nurse Bonnie
Making Use of Our
Hallway Recycling Pails**

Recycling Collection and Set Out



Collection:

At the end of each day our custodians pick-up all non-recyclable trash from all classrooms. The custodians pull around a large pail with them that is lined with a clear bag, they empty the contents of all classrooms' non-recyclable trash pails into their large pail. After collecting the non-recyclable trash from all classrooms, they pick-up the recyclables from the main recycling pails located at both ends of the hallway on every floor in the building. All the main recycling pails that are located in the hallways are lined with clear bags. All the custodians have to do is scope up the bag from the pails and they are done. They then transport all the recyclables and non-recyclable trash throughout the building to our outside storage location, where it stays until it is setout for DSNY collection.

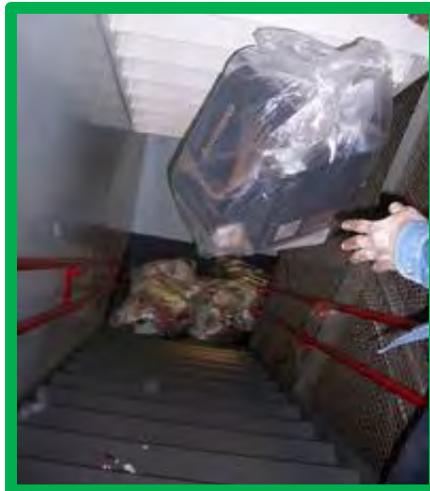
Ian Un-Contaminating the Recyclables



Custodians Picking-Up Recyclables



Ian and Larry Transporting Recyclables and Non-Recyclables Throughout the Building



Storage and Setout:

All the non-recyclable trash is bagged and put into an EZ Pack dumpster for pick-up on Tuesdays and Fridays by DSNY. All recyclables have curbside pick-up. The recyclables are stored in a designated area in our schoolyard, and the night before pick-up, are placed at the curb for DSNY collection.

Designated Storage Area in Our Schoolyard for Recyclables



EZ Pack Dumpster for Non-Recyclable Trash



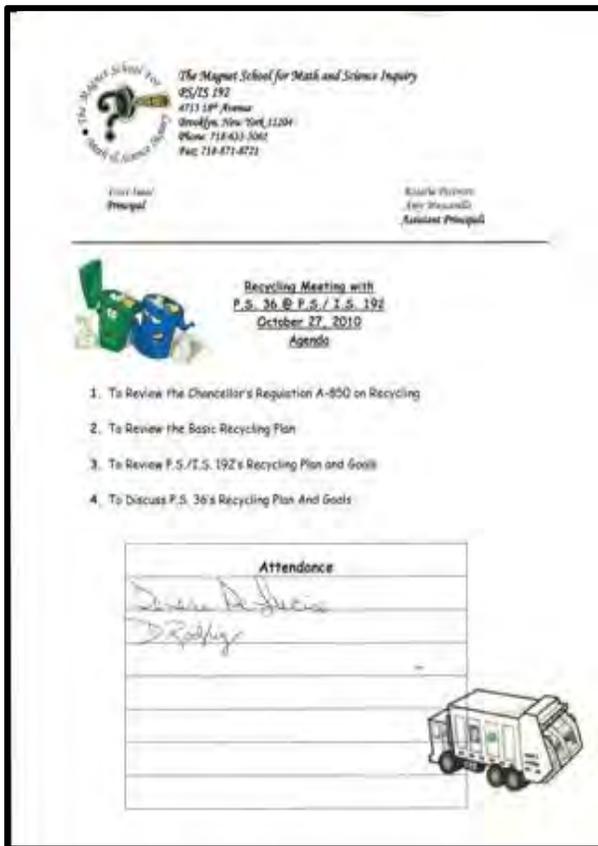
Curbside Setout of Recyclables For DSNY Collection

P.S. 36 @ P.S./I.S. 192:

At P.S./I.S. 192 we have another school the houses in our building, P.S. 36. P.S. 36 is part of District 75 and they occupy 14 rooms in our school building; 1 room on the 2nd floor and 13 rooms on the 4th floor. 4 out of the 14 rooms are offices. P.S. 36 follows the same recycling procedures as P.S./I.S. 192 for paper and cardboard recycling in all classrooms and offices, as well as for beverage cartons, bottles, cans, metal, and foil recycling in all classrooms and offices. P.S. 36's students also follow the same recycling procedures as our students do in the student cafeteria. P.S. 36 does not have their own teachers' lounge, their staff shares our teachers' lounge.

At the beginning of the school year I met with Danny Rodriguez, who is the supervisor of this program. He was given a copy of our school's recycling plan, and we discussed the recycling goals for our school building as a whole. I provided Danny with the labels for all the pails in his offices and classrooms. All of his offices and classrooms also have two pails properly labeled; a black pail for non-recyclable trash and a blue pail for paper and cardboard. Most of P.S. 36's classrooms are located on one side of the hallway on the 4th floor in our building. Just like P.S./I.S. 192, Danny setup main recycling pails on his end of the hallway on the 4th floor.

All of P.S. 36's classrooms also have assigned recycling monitors, who at the end of each day, empty their classroom's paper pail into the main paper pail in the hallway on their floor. Our custodians follow the same procedure for collecting the recyclable and non-recyclable trash from P.S. 36's classrooms and offices as they do for our classrooms and offices.



Agenda from Meeting with Danny Rodriguez Regarding Recycling at P.S./I.S. 192 and P.S. 36

Main Pails Located in the Hallway on the 4th Floor Setup by P.S. 36



Program Implementation

Before and After:

Before this year we did have a school recycling program in place. We did follow the same recycling procedures described earlier in this documentation for the recycling of paper and cardboard in all classrooms, offices, the teachers' lounge, school kitchen, and common areas. However, prior to this year classrooms and offices did not have to recycle beverage cartons, bottles, cans, metal, and foil. Although we did have a main recycling pail for beverage cartons, bottles, cans, metal, and foil located in the hallway on each floor in the building, we did not require classroom and offices to have a system in place for collecting and recycling such items.

This year, however, as described earlier in this documentation, all classrooms and office are responsible for recycling such items. All classrooms and offices must have some type of storage system in place in their rooms where they collect such items, and then dispose of these items at the end of each day in the main recycling pail in the hallway on their floor. I would like to note that in previous years we always did recycle beverage cartons, bottles, cans, metal, and foil in our school kitchen, student cafeteria, and teachers' lounge, it was just not required of classrooms and offices.

In previous years we did have two recycling pails; one for paper and cardboard, and one for beverage cartons, bottles, cans, metal, and foil located in the hallway on every floor in the building. However, we only had these pails located at one end of the hallway on each floor. This year we added two more pails to every floor; one for paper and cardboard, and one for beverage cartons, bottles, cans, metal, and foil so that there are pails at both ends of the hallway on every floor in the building. This makes it more convenient for both staff members and students to recycle, because no matter which end of the hallway you are at, you can find a pail for recyclables.

Above I have mentioned some minor changes that were made to our school's recycling

program this year in an effort to improve it. However, this year I implemented several projects in order to see improvements on a larger scale, and to achieve more school-wide support and student involvement in our school's recycling program.

Projects That Were Implemented This Year to Improve Our School's Recycling Program:

- 👤 The Creation of a Student Recycling Squad (RBI - Recycling Bureau of Investigation)
- 👤 "Go GREEN" Classroom Report Cards as a School-Wide Recycling Incentive
- 👤 Classroom Recycling Tickets
- 👤 School-Wide Bottle and Can Redemption Program
- 👤 Assembly Programs
- 👤 School-Wide "Junk-to-Funk" Fashion Show

Before the implementation of these projects, we did have recycling procedures in place, but I felt that there was not much school-wide involvement. The implementation of these projects definitely lead to improvements in our school's recycling program. This year there is noticeably more school-wide support, interest, and involvement in recycling at our school, and most importantly there is student involvement. Below I will describe each of these projects and how they contributed to improvements in our school's recycling program.

Creation of a Student Recycling Squad (RBI):

The creation of a student Recycling Squad definitely increased and fostered student involvement in our school's recycling program. The Recycling Squad is made-up of the recycling monitors from each class, kindergarten thru grade 8. Badges were created for each Recycling Squad member in order to instill a sense of how important their responsibility is as a Squad member. The Recycling Squad met often throughout the year, and was involved in implementing recycling lessons in classrooms, ensuring that their classroom was recycling properly, creating recycling posters that were displayed around the building, inspecting classrooms and giving out classroom recycling tickets, and sorting and counting bottles and cans and bringing them to Thrifty Beverages (a store located up the block from our school) to redeem the 5 cent deposit.

The students love being a member of the Recycling Squad, and love that they have a badge. The students were told at the beginning of the school year that they only had to wear their badge when they were attending a Recycling Squad meeting, or when they were on official business such as giving out recycling tickets. However, many of the Recycling Squad members wear their badge everyday. From being members of the Recycling Squad, and having such responsibilities, the students have taken on ownership of our school's recycling program. They take their responsibilities very seriously, and realize that they play an important role in how effective our school's recycling program is. I think a good example of this is; I have actually caught some of the students un-contaminating the main recycling pails located in the hallway.

Special Agent Brian Diaz Un-Contaminating the Main Recycling Pails on the 3rd Floor



"Go GREEN" Classroom Report Cards:

The "Go **GREEN**" classroom report card is part of a school-wide incentive to encourage all staff and students to be conscientious recyclers.

How It Works:

 All Pre-K through grade 8 classes received a folder with "Go Green" classroom report cards for January through June (**one report card for each month.**) The report card asks them and their students to rate themselves on how **GREEN** their classroom is each day. They rate themselves in four categories: if they are reducing waste in the classroom, reusing waste in the classroom, recycling waste in the classroom, and engaging in recycling activities. The report card includes a rubric with levels 1, 2, 3, and 4. There are specific criteria they must meet in order to attain each level. Every month the teachers and their students rate themselves accordingly, and give themselves either a 1, 2, 3, or 4 on the report card for that month.

Rubric from "Go **GREEN**" Classroom Report Card:

Recycling Rubric			
1 Contaminators *Less than half of the boxes checked in all three categories (reduce, reuse, & recycle.) *Class was not engaged in a recycling activity.	2 Recyclers *Half of the boxes checked in all three categories (reduce, reuse, & recycle.) *Class was not engaged in a recycling activity.	3 Remarkable Recyclers *More than half of the boxes checked in all three categories (reduce, reuse, & recycle.) *Class was engaged in at least 1 recycling activity.	4 Extraordinary Recyclers *All boxes checked in all three categories (reduce, reuse, & recycle.) *Class was engaged in 2 or more recycling activities.

 There is also a **Credit and Debit System** that goes along with the "Go **GREEN**" Classroom Report Card. Using the **Credit and Debit System** classes can either earn money or lose money each month.

Classes Can Earn Money Each Month By:

-  Scoring a level 3 or 4 on their "Go **GREEN**" Classroom Report Card.
-  Engaging in recycling activities or a long term recycling project.

Classes Can Lose Money Each Month By:

-  Scoring a level 1 or 2 on their "Go **GREEN**" Classroom Report Card.
-  Receiving a classroom recycling ticket.

 There is an interactive bulletin where all Pre-K through grade 8 classes are represented. On this bulletin board every class was given **\$100.00** to start with for the month of January. Every month teachers submit their "Go **GREEN**" Classroom Report Card to me, and then using the **Credit and Debit System** I figure out how much money each class has earned or lost. I update this bulletin board on a monthly basis to track and display each class's monthly total.

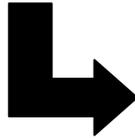
 Every two months the class with the most money is the school-wide winner and is titled the **GREENEST** class in the school. This class receives a certificate and a class prize. We had a class winner for the months of January and February, and will have class winners for the months of March and April, and May and June.

The "Go **GREEN**" Classroom Report Card along with the Credit and Debit System implemented as a school-wide incentive has proven to be very successful in improving our school's recycling program. It created a little friendly competition among classes and encouraged teachers and students to want to be "SUPER" recyclers. Every time students pass the bulletin board, they look to see how much money their class has earned or lost, and tell me things their class has been doing to see if their **16**

class can earn money. Because the "Go GREEN" Classroom Report Card has a section that asks teachers to list ways their class has reduced, reused, and recycled that month, teachers and students were creative in thinking of different ways they could reduce, reuse, and recycle in their classrooms.

**"Go GREEN"
Classroom Report Card**

**Section to List
Ways Their Class Has
Reduced, Reused, and Recycled**



**Section to List and Describe
Activities Their Class
Was Engaged In**

Rubric

One of the most successful outcomes of this school-wide incentive is that many teachers engaged their class in recycling activities. Because classes wanted to earn money for receiving a level 3 or 4 on their "Go GREEN" Classroom Report Card (you must engage your class in recycling activities in order to receive a level 3 or 4) teachers were eager to do so. Also, classes earn additional extra bucks if they were engaged in recycling activities.

Go Green Credit and Debit System		
Score of 1 on GO GREEN Report Card	→	Pay \$30.00
Score of 2 on GO GREEN Report Card	→	Pay \$20.00
Score of 3 on GO GREEN Report Card	→	Earn \$30.00
Score of 4 on GO GREEN Report Card	→	Earn \$50.00
Received a Classroom Recycling Ticket	→	Pay \$50.00
Engaged Your Class In a Recycling Activity	→	Earn \$20.00 For Each Activity Implemented
Engaged Your Class in a Long Term Recycling Project	→	Earn \$\$\$\$\$\$ BIG BUCKS

This school-wide incentive played a large role in promoting recycling awareness at our school. It caused both teachers and students to think about their recycling habits in the classroom, and to make more of an effort to reduce, reuse, and recycle in the classroom. Most importantly, as I mentioned above, it motivated teachers to implemented recycling activities in their classroom.

Folder Teachers Received With "Go GREEN" Classroom Report Cards





“Go GREEN” Classroom Report Card Folders

(All classroom teachers received a “Go GREEN” folder which includes a report card for January thru June, one for each month, and a copy of the Credit and Debit System. The folder has a label on the front with due dates for when they must submit the folder to me.) ****The picture on page 18 shows the inside of the folder.**

Please complete your GO GREEN classroom report card and submit your folder to Ms. DeLucia on the following dates:

- February 3, 2011
- March 3, 2011
- April 5, 2011
- May 4, 2011
- June 3, 2011
- June 17, 2011



Thank you for your cooperation in helping our school GO GREEN. If you have any questions, please feel free to ask.

**Due Date
Label**

Interactive “Go GREEN” Bulletin Board



All classes Pre-K thru grade 8 are represented on this bulletin board. There is a recycling pail for each class, and each class was given \$100.00 to start with for the month of January. The money is lined-up above their class's pail, and each month the Recycling Squad and I update the board to display each class's monthly total. The total is displayed on a label below their class's pail.

Classroom Recycling Tickets:

I decided to create recycling tickets so that there was some consequence for classrooms that were not recycling properly, and were not following classroom recycling rules. The recycling tickets also tied in nicely to our “Go GREEN” Classroom Report Card Credit and Debit System. Classrooms lose money if they receive a recycling ticket. They could lose up to \$50.00 on one ticket.

These recycling tickets helped improve our school's recycling program because it motivated everyone to be conscientious about following all the recycling rules. The teachers and students didn't want to receive a ticket because they didn't want to lose money on the “Go GREEN” bulletin board. Also, because the Recycling Squad is made-up of the recycling monitors from each class, they did not want to be embarrassed that their class got a ticket, so they made sure their class was following all the rules. These recycling tickets especially encouraged the students to be aware of their recycling habits and motivated them to be “SUPER” recyclers.

Recycling Ticket

Recycling Ticket

Class: _____
Date: _____

All classroom pails are properly labeled.  (\$10.00)

Recycling poster is properly displayed by garbage pails.  (\$10.00)

All garbage is in the correct pail.  (\$10.00)

Paper pail is not overflowing.  (\$10.00)

Classroom has a plastic bag for collecting plastic bottles and cans with a deposit.  (\$10.00)

Total Amount of Fine: _____
Ticket Given By Special Agent: _____

 **RBI**
WWW.RBISQUAD.COM 



**Recycling Squad (RBI)
Wearing their Badges
on Official Business
Classroom Inspections**

Bottle and Can Redemption Program:

This year we have a bottle and can redemption program in place. All classrooms and offices collect plastic bottles and cans with a 5 cent deposit. All classrooms and offices were asked to bring in a garbage bag from home to store any bottles and cans they collect. On each floor in the building, we designated one classroom to be the drop-off station for all the bottles and cans collected on that floor. All the classrooms designated as drop-off stations are supplied with clear bags by our custodial staff, to collect all the bottles and cans brought to them from the other classrooms and offices on their floor. Every Wednesday and Friday, at the end of the day, the recycling monitors bring their classroom's bottle and can collection to the drop-off station on their floor. The recycling monitors empty their classroom's bottle and can collection into the clear bag at the drop-off station, and then bring the garbage bag back to their classroom to **REUSE** in upcoming weeks. Then, on every Friday the custodians pick-up the bottles and cans collected from the drop-off stations, and bring them to the basement to be stored.



**Drop-Off
Station
On the
5th Floor**



**Drop-Off
Station on
the 2nd Floor**

**The Teacher
in Charge of
this Drop-Off
Station
Bought Her
Own Pail**



**Special Agent
Emmanuel Alacantarilla
Bringing His Classroom's
Bottle and Can Collection
to the Drop-Off Station
On His Floor**

Once a month, or once every two months, depending on how many bottles and cans are collected, the Recycling Squad and myself walk to Thrifty Beverages (a store located one block from our school) to redeem the 5 cent deposit on all bottles and cans collected. The money collected is placed into a recycling fund and at the end of the school year the Recycling Squad along with myself and administration, will decide on a charity to donate the money to.

This bottle and can redemption program helped to improve our school's recycling program by promoting collaboration among staff and students in recycling, and working towards a common goal, raising money to donate to charity. After the implementation of this program, I saw an increase in staff members' support and interest in our school's recycling program. Staff members approached me with different ideas for school-wide recycling incentives. One teacher approached me to make me aware that there is a citywide program called Trayless Tuesdays." She explained that this is part of a pilot program in which every Tuesday instead of using polystyrene lunch trays, City schools replace these trays with paper containers known as "boats," in an effort to reduce landfill waste. She was very interested in knowing if our school participates in this program, and suggested that if we didn't, I should look into it because it would be a great addition to our recycling program. I was very happy to tell her that I was aware of this program, and that our school does participate in "Trayless Tuesdays." The fact that this teacher approached me to make me aware of this program, and the fact that she researched this program to learn more about it, is evidence to me that staff members are showing more interest and support in our schools recycling program.

This bottle and can redemption program has also raised our students' awareness in the importance of recycling. Students were involved in the sorting and counting of bottles and cans before bringing them to "Thrifty Beverages" to redeem the deposit. This allowed them to see first-hand the amount of bottles and cans collected in just one month in our building alone; and to recognize that if we were not recycling these items, that we would be contributing an enormous amount of waste to our landfills. I feel that this program helped both our staff and students to realize that if we all pitch in; we can make a big difference for the future of our planet. Most importantly, this program has motivated both our staff and students to be more environmentally responsible, and that is definitely an improvement in our school's recycling program.

Assembly Programs:

This year we held two assembly programs. In the beginning of the school year we held an **20**

assembly program for all grades, Pre-K thru grade 8. During this assembly I showed the school recycling video, "Without You, It's All Just Trash." I also reviewed our schools recycling plan, recycling goals, and recycling procedures with the staff and students. This was done so that from the beginning of the school year both staff and students were aware of our school's recycling plan as well as aware of their responsibilities in implemented our school's plan and making it a success. During this assembly I also did an "ABCs of Recycling" review lesson. I had had three pails on the stage; one for non-recyclable trash, one for paper and cardboard, and one for beverage cartons, bottles, cans, metal, and foil. I had a variety of items on the stage, such as, different types of paper goods, different types of plastic and metal goods, beverage cartons, candy wrappers, etc. The teachers and students were asked to decide in which pail each of these items should be placed.

Students Watching "Without You, It's All Just Trash" Video



Me Quizzing the Audience On Which Pail This Item Should Go



Me Explaining How Classroom Pails Should Be Labeled



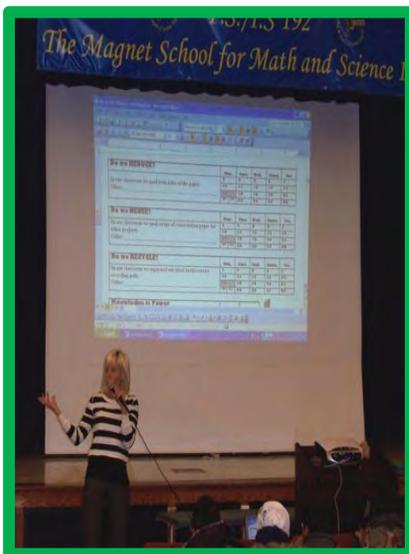
This assembly helped improve our school's recycling program because it sent the message to both staff and students that this year we are taking our school's recycling program more seriously. The fact that we held an assembly makes both the staff and students aware that this is a subject of importance to our school community. Also, watching the video made students knowledgeable of the importance of recycling, and what happens to recyclables once they are picked-up by the DSNY.

I feel this assembly motivated our staff and students to be more diligent recyclers because it encouraged them to take our school's recycling program more seriously. After this assembly there was noticeably less and less contamination in our main recycling pails located in the hallway.

The second assembly held was to kick off our "Go **GREEN**" Classroom Report Card along with the Credit and Debit System as a school-wide incentive. During this assembly teachers and students were introduced to the "Go **GREEN**" Classroom Report Card and how this report card was going to be used. I explained how to complete the "Go **GREEN**" Classroom Report Card and all the criteria classes needed to meet to attain each level on the Recycling Rubric on the report card. The Credit and Debit System was also explained. Teachers and students were informed of how classes can earn and lose money. The teachers and students were made aware that there was going to be an interactive bulletin board on which all classes would be represented, and that their class's monthly totals would be tracked on this board for the rest of the school to see. I explained that every two months there would be a class winner who would be titled the **GREENEST** class in the school, would receive a certificate to be hung outside their classroom, and would receive a big class reward/prize.

During this assembly I also introduced our Bottle and Can Redemption Program. Everyone was familiarized with the procedures we would be following and what their responsibilities were in implementing this program.

Me Introducing the "Go **GREEN" Classroom Report Card and Credit and Debit System**



Teachers Received Their "Go **GREEN" Classroom Report Card Folder and Are Eager to Become "SUPER" Recyclers**

This assembly was successful in improving our school's recycling program because two school-wide recycling incentives were introduced. The introduction of these incentives made teachers and students aware, that as a school community, we were taking steps to improve our school's recycling program. The introduction of these incentives helped both teachers and students to recognize that their efforts play an important role in the success of our school's recycling program. The students were very eager to be the **GREENEST** class, and left this assembly motivated to be the best recyclers they could be.

School-Wide "Junk-to-Funk" Fashion Show:

This year we held a school-wide Junk-to-Funk Fashion Show. Staff and students were asked to create an article of clothing or an accessory out of recyclable items. This was open to all staff members and students. All participants (models) got to walk the runway, and model their creation. During the fashion show participants (models) walked the runway to Madonna's song "Vogue" playing in the background. All participants (models) were announced and a description of the item they created and were modeling was given to the audience. For example, I would say something like, "Now we have Arianna modeling a dress and shirt made out of newspaper, cardboard, and plastic."

The Junk-to-Funk Fashion Show turned out to be a big success. It was a lot of fun for all, and the students' creativity was amazing. This fashion show helped to improve our school's recycling program because it was very beneficial in helping students to see, and experience the recycling process first-hand. Students got to see first-hand that we can reduce and recycle by reusing items to create something else rather than just throwing things away. Students coming away with this first-hand experience and knowledge; is definitely an improvement to our school's recycling program.

Our art teacher, Mrs. Thristino, gave up her lunch period two days a week for three weeks, in order to hold a "Junk-to-Funk" Workshop for our 5th and 6th grade students. She posted flyers around the building asking staff members to donate old jeans and other clothing so that she could use these materials to create new items with the students. I would also like to note the students who attended this "Junk-to-Funk" Workshop also gave up their lunch period on these days to work with Mrs. Thristino. The items they created were remarkable. They created women's purses, book bags, pencil cases and a lot of great stuff. The fact that Mrs. Thristino went out of her way, and gave up her lunch period to hold such a workshop for our students, shows me staff interest and support in our school's recycling program, and dedication to it being beneficial to our students and to it being a success.

**Students Busy Working In
"Junk-to-Funk" Workshop**



Items Created

Above I gave a detailed description of all the projects implemented this year, and how each of them helped in improving our school's recycling program. As I mentioned earlier, prior to this year we did have a school recycling program and recycling procedures in place, but there was not much staff or student involvement. This year after the implementation of the projects described, there is noticeably more school-wide support, interest, and involvement in recycling at our school, and most importantly there is student involvement. All these projects increased staff and students' knowledge of recycling, encouraged and motivated our staff and students to be "SUPER" recyclers, and most of all made staff and students aware that all their **little** efforts play a **BIG** role in the future of our earth. This year our school's recycling program helped to create a school community that is environmentally knowledgeable and responsible.

Project Planning:

My goal this year was to ensure that all constituents of our school community had a clear understanding of our school's recycling plan and recycling procedures; and that our recycling program promoted school-wide, support, interest, and involvement, with an emphasis on student involvement and learning, and creating a school community that is environmentally knowledgeable and responsible. The objectives that drove my planning and focused me on attaining my goal are as follows:

-  To meet with all school constituencies to review our school's recycling plan and procedures.
-  To provide all classrooms and offices with the materials they need to recycle properly.
-  To implement activities to promote student involvement and knowledge.
-  To implement activities to promote staff involvement and knowledge.
-  To implement a school-wide recycling incentive to motivate and encourage all staff and students to be conscientious recyclers.
-  To motivate and encourage teachers to implement recycling lesson and other environmental lessons in their classrooms.

The Steps I Took in Implementing Our School's Recycling Program this Year:

- 1) In the beginning of the school year I met with all school constituencies to review or schools recycling plan and procedures. I met with administration, custodial staff, kitchen staff, P.S. 36's supervisor, teachers, and students.
- 2) All staff was provided with labels for their classroom/office pails and a recycling poster.
- 3) I labeled all pails in common areas of the building.
- 4) A student Recycling Squad was formed which is made-up of each class's recycling monitor, kindergarten thru grade 8. (**The Recycling Squad was involved in several activities that supported the implementation of our school's recycling program. I will show evidence of this at a later point in this documentation.)
- 5) Assemblies were planned.
- 6) I created the "Go **GREEN**" Classroom Report Card and Credit and Debit System.
- 7) The "Go **GREEN**" Classroom Report Card along with the Credit and Debit System as a school-wide incentive was implemented.
- 8) A school-wide Bottle and Can Redemption Program was implemented.
- 9) Recycling tickets were created, and the Recycling Squad began classroom investigations.
- 10) The Junk-to-Funk Fashion Show was planned and implemented.



The Magnet School for Math and Science Inquiry
 P.S./I.S. 192
 4715 139th Avenue
 Brooklyn, New York, 11204
 Phone: 718-613-3061
 Fax: 718-671-8721

Luigi Iacono
 Principal

Roberta Fiermonte
 Amy Mazzarelli
 Assistant Principals

Recycling Meeting
 October 13, 2010
 Agenda

1. To Review the Chancellor's Regulation A-850 on Recycling
2. To Review the Basic Recycling Plan
3. To Discuss P.S./I.S. 192's Recycling Goals
4. To Discuss the Continuation of a School-Wide Recycling Plan at P.S./I.S. 192

Attendance	
<i>Dominic DeFuria</i>	
<i>James Orlando</i>	
<i>Luigi Iacono</i>	

Agenda from Meeting with the Principal and Custodial Engineer



The Magnet School for Math and Science Inquiry
 P.S./I.S. 192
 4715 139th Avenue
 Brooklyn, New York, 11204
 Phone: 718-613-3061
 Fax: 718-671-8721

Luigi Iacono
 Principal

Roberta Fiermonte
 Amy Mazzarelli
 Assistant Principals



Recycling Meeting with
 Custodial Staff
 October 21, 2010
 Agenda

1. To Review the Basic Recycling Plan
2. To Discuss the Continuation of a School-Wide Recycling Plan at P.S./I.S. 192
3. To Discuss P.S./I.S. 192's Recycling Goals and Plan
4. To Discuss the Custodians' Responsibilities in Successfully Implementing and Carrying Out Our Recycling Plan
5. To Discuss the Staff and Students' Responsibilities in Successfully Implementing and Carrying Out Our Recycling Plan

Attendance	
<i>Dominic DeFuria</i>	
<i>James Orlando</i>	
<i>Luigi Iacono</i>	
<i>Roberta Fiermonte</i>	
<i>Amy Mazzarelli</i>	



Agendas from Meetings with Custodial Staff



The Magnet School for Math and Science Inquiry
 P.S./I.S. 192
 4715 139th Avenue
 Brooklyn, New York, 11204
 Phone: 718-613-3061
 Fax: 718-671-8721

Luigi Iacono
 Principal

Roberta Fiermonte
 Amy Mazzarelli
 Assistant Principals



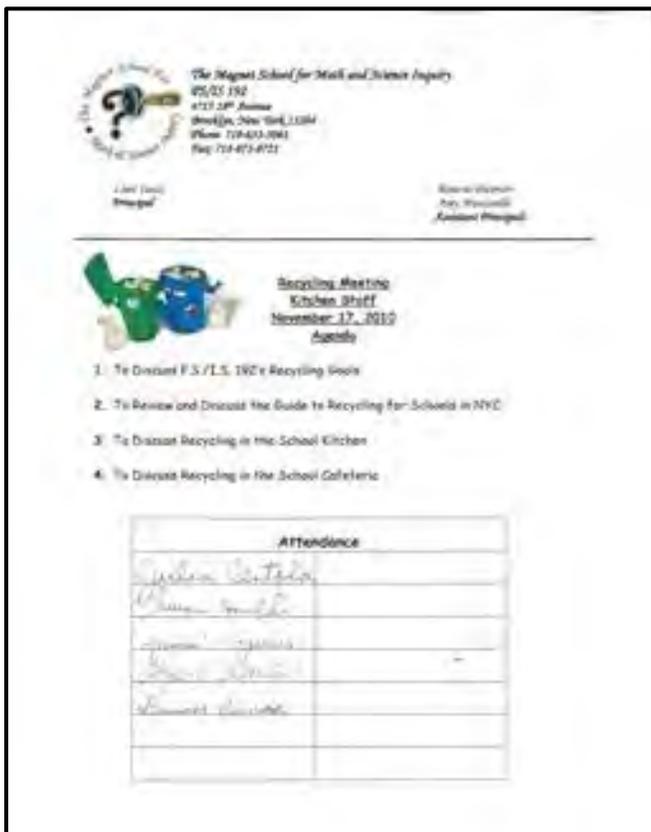
Recycling Meeting
 November 22, 2010
 Agenda

1. To Review and Discuss the Guide to Recycling for Schools in NYC
2. To Discuss How our School Collects the Separated Recyclables Throughout the Building
3. To Discuss Recycling Storage and Set-Out

Attendance	
<i>Dominic DeFuria</i>	
<i>James Orlando</i>	
<i>Luigi Iacono</i>	
<i>Roberta Fiermonte</i>	
<i>Amy Mazzarelli</i>	

Meeting with Custodial Staff





Agenda from Meeting With Kitchen Staff

Meeting with Kitchen Staff



Agenda from November's Faculty Conference



****At our November faculty conference I was allotted time to address the staff on our school's recycling program.**

Above I have included the agendas from my meetings with the principal, custodial staff, kitchen staff, and teaching staff. I already included the agenda from my meeting with the supervisor of P.S. 36 on page 15, for this reason I did not include it here. The student body was addressed at the assembly I spoke about on page 22 of this documentation.



Agenda from Meeting with my Principal

**At this meeting I presented the ideas for the "Go GREEN" Classroom Report Card along with the Credit and Debit System as a school-wide incentive, and the Bottle and Can Redemption Program. We also discussed the agenda for our school-wide recycling assembly and applying for the Golden Apple Awards contest.

Student Involvement:

This year I created a student Recycling Squad in order to promote student involvement in our school's recycling program. The Recycling Squad was involved in several activities that supported the implementation of our school's recycling program. The Recycling Squad met often throughout the year, and was involved in assisting at assemblies, implementing recycling lessons in classrooms, ensuring that their classroom was recycling properly, creating recycling posters that were displayed around the building, inspecting classrooms and giving out classroom recycling tickets, and sorting and counting bottles and cans and bringing them to Thrifty Beverages (a store located one block from our school) to redeem the 5 cent deposit.



Recycling Squad Meeting with My Kindergarten Special Agents

Recycling Squad Meetings

1st and 2nd Grade Special Agents



3rd, 4th, and 5th Grade Special Agents





The Mayor's School for Math and Science Inquiry
 MS/IS 292
 401 1st Avenue
 Brooklyn, New York 11204
 Phone: (718) 415-3802
 Fax: (718) 471-8702

Paul Adams
Principal

Edward J. Adams
 Ed J. Adams
 Assistant Principal



Recycling Squad Meeting
 Kindergarten
 December 16, 2010
 Agenda

1. Review MS/IS 292's Recycling Plan
2. Discuss the Recycling Squad's Responsibilities
3. Give out Badges

Attendance	
• TAYEN	
• VANESSA	
• JIMMY	
• DANNY	
• JIKIN	

Agenda from Recycling Squad Meeting with Kindergarten Special Agents

Agendas from Recycling Squad Meetings

Meeting with Grades 1 and 2 Special Agents



The Magnet School for Math and Science Inquiry
25/25 292
4721 187 Avenue
Brooklyn, New York 11204
Phone: 718-633-3062
Fax: 718-671-4332

Lynn Jones
Principal

Suzanne Plummer
Amy Wasson
Kathleen Phelan



Recycling Squad Meeting
Grades 1 & 2
December 15, 2010
Agenda

1. Review PS/ES 292's Recycling Plan
2. Review School-Wide Deposit Redemption Program for Bottles and Cans
3. Review School-Wide Recycling Incentive Using "GO GREEN" Report Cards
4. Discuss the Recycling Squad's Responsibilities
5. Create a Mission Statement
6. Give out Badges



Attendance	
Suzanne Plummer	-
Lynn Jones	-
Kathleen Phelan	-
Amy Wasson	-
Suzanne Plummer	-
Lynn Jones	-
Kathleen Phelan	-
Amy Wasson	-
Suzanne Plummer	-
Lynn Jones	-
Kathleen Phelan	-
Amy Wasson	-



The Magnet School for Math and Science Inquiry
25/25 292
4721 187 Avenue
Brooklyn, New York 11204
Phone: 718-633-3062
Fax: 718-671-4332

Lynn Jones
Principal

Suzanne Plummer
Amy Wasson
Kathleen Phelan



Recycling Squad Meeting
Grades 3, 4, & 5
December 14, 2010
Agenda

1. Review PS/ES 292's Recycling Plan
2. Review School-Wide Deposit Redemption Program for Bottles and Cans
3. Review School-Wide Recycling Incentive Using "GO GREEN" Report Cards
4. Discuss the Recycling Squad's Responsibilities
5. Create a Mission Statement
6. Give out Badges



Attendance	
Suzanne Plummer	-
Lynn Jones	-
Kathleen Phelan	-
Amy Wasson	-
Suzanne Plummer	-
Lynn Jones	-
Kathleen Phelan	-
Amy Wasson	-
Suzanne Plummer	-
Lynn Jones	-
Kathleen Phelan	-
Amy Wasson	-

Meeting with Grades 3, 4, & 5 Special Agents

Agenda from Recycling Squad Meeting with Grades 6, 7, & 8 Special Agents



The Magnet School for Math and Science Inquiry
 25/35 JEE
 2013 10th Avenue
 Madison, Wis. 53711-1004
 Phone: 737-543-8087
 Fax: 737-543-8122

East Side
Principal

Special Agent:
 Tim Hanchas
 RBISQUAD



Recycling Squad Meeting
Grades 6, 7, & 8
December 16, 2010
Agenda

1. Review P&GS 192's Recycling Plan
2. Review School-Wide Deposit Redemption Program for Bottles and Cans
3. Review School-Wide Recycling Technique Using "GO GREEN" Magnet Cards
4. Discuss the Recycling Squad's Responsibilities
5. Create a Mission Statement
6. Give out Badges



Attendance	
David Robinson	Frank Williams
Matthew Granger	Alison Fowler
William Brown	Joseph Smith
Samuel Roberts	Christian Adams
David Taylor	
Michael Anderson	
Paul Young	
Richard Johnson	

Recycling Squad Special Agent



RBI

WWW.RBISQUAD.COM



Agent Name: Steven Hanchas

Field Office: P.S./I.S. 192

Specialty: Recycling

License to Save the Earth




Recycling Squad Badge

**All Recycling Squad members were given a badge. They can wear their badge everyday if they want, but they have to wear it when they are on official business.

Recycling Squad Agents Assisting at the Assembly



Kindergarten Special Agent Addressing the Audience on Classroom Recycling Rules

Recycling Squad Members Labeling Their Classroom Pails



The Recycling Squad created posters that were displayed around the building. I have an informational recycling bulletin board that shows in which pail our garbage should go, and a variety of recycling facts are included on this board. Recycling Squad members chose a recycling fact from this board and created a poster to illustrate the fact they chose.

Recycling Squad Members Choosing a Recycling Fact from the Informational Bulletin Board

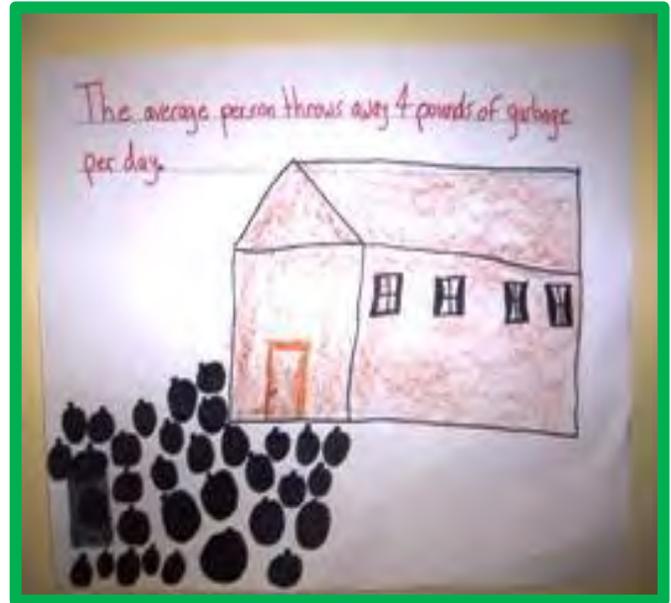


Recycling Squad Members Creating Their Posters



Recycling Poster

Posters Created By Recycling Squad Members



****The Recycling Squad hung up their posters around the building.**

One of the responsibilities of the Recycling Squad was to teach others how to recycle properly. So that's just what they did. Some of the Recycling Squad members implemented a recycling lesson in the classrooms.

Description of the Lesson the Recycling Squad Members Implemented:

The students were shown the recycling decal for paper and cardboard, and the recycling decal for beverage cartons, bottles, cans, metal, and foil. The Recycling Squad used these decals to review with the students what items go in each pail. The students were also shown the recycling poster to review what items go in the trash (non-recyclable pail.) There were three pails, one for non-recyclable trash, one for paper and cardboard, and one for beverage cartons, bottles, cans, metal, and foil. There were also pictures of different non-recyclable and recyclable items, and the students had to place the picture of these items in the correct pail.

****See pictures on next page.**

Recycling Decals, Recycling Poster, Pails, and Pictures of Recyclable and Non-Recyclable Items



**Special Agent Andrani Dorcely
Doing a Recycling Lesson
In a 1st Grade Classroom**



**Recycling Squad on Official Business
Classroom Inspections**



**Meeting with Recycling Squad
After Their Classroom
Inspections to Discuss
Their Findings**



Special Agent Babekir Elishiekh Writing Out a Recycling Ticket



Special Agent Babekir Elishiekh Giving Ms. Carroll a Recycling Ticket

Recycling Ticket

Class: 2-301
Date: 4-8-11

All classroom pails are properly labeled.  (\$10.00)

Recycling poster is properly displayed by garbage pails.  (\$10.00)

All garbage is in the correct pail.  (\$10.00)

Paper pail is not overflowing.  (\$10.00)

Classroom has a plastic bag for collecting plastic bottles and cans with a deposit.  (\$10.00)

Total Amount of Fine: \$20.00

Ticket Given By Special Agent:
BABEKIR ELISHIEKH

 **RBI**
WWW.RBISQUAD.COM 

Ms. Carroll received a recycling ticket because she did not have the recycling poster displayed by her classroom pails. She also did not have a plastic bag to store the bottles and cans with a 5 cent deposit that are collected in her class. Her total fine was \$20.00.



**Special Agent
Babekir Elishiekh
Reviewing Classroom
Recycling Procedures with
Ms. Carroll and Her Class
After Giving Them a
Recycling Ticket**

Promotion:

This year there have been many efforts on my part to promote our school's recycling program. From memo's to assemblies, from flyers to posters, from informational bulletin boards to "Go **GREEN**" Classroom Report Cards. On the following pages I have include evidence of these efforts.

Efforts to Promote Our School's Recycling Program:

- 👤 Memos and Flyers
- 👤 School Recycling Plan is Posted in the Main Office and Teachers Lounge (I would like to note that all staff electronically received a copy of our school's recycling plan.)
- 👤 Informational Recycling Bulletin Board
- 👤 Posters (In this section I am not included pictures of the posters because I've already included them earlier in this documentation. See pgs 33 & 34)
- 👤 Assembly Programs (In this section I am not included pictures of the assembly programs because I've already included them earlier in this documentation. See pgs 22, 23, & 32)
- 👤 "Go **GREEN**" Classroom Report Card Along with Credit and Debit System as a School-Wide Incentive
- 👤 Bottle and Can Redemption Program
- 👤 Monthly Updates at School Leadership Team Meetings
- 👤 Adding Links On Our School Website for Teachers and Parents
- 👤 Reaching Out to the Home Reporter in an Attempt to Have Our School Published in Their Paper
- 👤 "Junk-to-Funk" Fashion Show
- 👤 Earth Day School-Wide Activity



The Magnet School for Math and Science Inquiry
PS/IS 192
4715 18th Avenue
Brooklyn, New York 11204
Phone: 718-633-3061
Fax: 718-871-8721

Liset Isaac
Principal

Rosaria Pecoraro
Amy Muscarelle
Assistant Principal

Memorandum # 51

To: All Staff
From: Denise DeLucia, Sustainability Coordinator
Re: Recycling Plan Guidelines
Date: October 19, 2010

This year we will be continuing to follow a school-wide recycling plan. You will receive a copy of this plan and it is also posted in the main office, teacher's lounge, and on the recycling bulletin board across from room 211. To reiterate what we have done in the past, I have listed below the guidelines to our school's recycling plan.

Recycling in Classrooms and Offices ****All Classroom Pails Should Be Properly Labeled**



- In all classrooms and offices we must recycle **paper goods** and **metal cans & foil, plastic bottles and jugs, glass bottles and jars, milk and juice cartons, etc.**
- Recyclable paper goods are: white and color paper, magazines, softer cover books, paper bags, etc.
****Used Napkins and Paper Towels ARE NOT recyclable. Please DO NOT throw these items in the paper recycling pails.**
- All classrooms and offices should have **two pails**, a black pail for non-recyclable trash only and a blue pail for recycling paper goods. If you are in need of a pail please see either me or James Orlando.
- Although you do not have a pail for plastics and metals in your classroom, you are responsible for recycling these items. *****If classrooms have any plastics, metals, containers, etc. that need to be recycled, you may dispose of these items in the central recycling pails on your floor labeled for these items.**
- The blue pail is for paper goods only. ****PLEASE ENSURE THAT THERE IS ONLY PAPER GOODS IN THIS PAIL BEFORE DISPOSING OF IT.** If your classroom paper recycling pail is contaminated please do not dispose of it in the central pail on your floor because you will then be contaminating this pail as well.
- All classrooms should assign a recycling monitor who, at the end of each day, will empty the classroom's paper recycling pail into the central paper recycling pail on that floor. Please remind your students that if the central paper recycling pail is full, they should **NOT** empty the pail but should bring it back to the classroom and wait to the following morning until the custodian has had a chance to change the bag in the central pail.
- Any offices or rooms that do not have students to assign a recycling monitor, may ask the nearest classroom teacher if their recycling monitor can assist with the disposal of your paper pail at the end of the day.

Recycling in the Teachers lounge



- In the teacher's lounge we must recycle **paper goods** and **metal cans & foil, plastic bottles and jugs, glass bottles and jars, milk and juice cartons, etc.**
****PLEASE EMPTY FOOD OR BEVERAGES FROM ALL CONTAINERS BEFORE DISPOSING OF THEM.**
- In the teacher's lounge on the 3rd floor there is only a large pail for **non-recyclable** garbage.
- Directly outside the teacher's lounge there are two large pails, one for paper goods and one for plastics, metals, glass, etc. Please use the pails outside the teacher's lounge to dispose of any plastics, metals, cartons, etc., you may have accumulated during lunch.

Recycling in the Student Cafeteria



- In the student cafeteria we are only recycling metal cans & foil, plastic bottles and jugs, glass bottles and jars, milk and juice cartons, etc.
- The recycling procedure the students must follow in the cafeteria is: first they pour out the milk from their carton into a separate bucket, next they dispose of their milk carton in the recycling pail, and then they dispose of their non-recyclable garbage.

Location of Central Recycling Pails throughout the Building

First Floor (In the Gymnasium)



Pail for Paper Goods



Non-Recyclable Trash Only



Pail for Plastics, Metals, Glass, etc.

Second Floor

Near Room 202



Pail for Papers Goods & Pail for Plastics, Metals, Glass, etc.

Near Room 212



Third Floor

Near Room 302



Near Room 313



Pail for Paper Goods & Pail for Plastics, Metals, Glass, etc.

Fourth Floor

Near Room 412



****Near room 402 Danny Rodriguez has recycling pails for both paper and plastics for his staff.**

Pail for Paper Goods & Pail for Plastics, Metals, Glass, etc.

Fifth Floor

Near Room 502



Near Room 512



Pail for Paper Goods & Pail for Plastics, Metals, Glass, etc.

****When disposing of your recyclables in the central pails, please ensure you are placing the proper items in each pail. Please adhere to the labels on the wall above the pails.**



The Magnet School for Math and Science Inquiry
PS/IS 192
 4715 18th Avenue
 Brooklyn, New York, 11204
 Phone: 718-633-3061
 Fax: 718-871-8721

Liset Isaac
Principal

Rosaria Pecoraro
Amy Muscarelle
Assistant Principals

Memorandum # 96

Reduce, Reuse, Recycle!

December 16, 2010

Dear Colleagues;

In an attempt to get all staff and students involved in our recycling endeavor this year, we have decided that rather than just disposing of all bottles and cans that have a deposit, we will instead be collecting them in order to raise money for our school.

How this process will work:

1. All classrooms and offices will collect bottles and cans that are eligible for deposit. **(Although all classrooms and offices do not have a pail for plastics and metals, we are asking all staff to bring in a plastic bag from home to store all bottles and cans collected.)**

What can I recycle?



2. Please make sure that all bottles and cans are **RINSED WITH WATER**.
3. The recycling monitor in your class will drop-off the bottles and cans you've collected to the **Recycling Drop-Off Station** on your floor twice a week. The **Drop-Off** days will be **Wednesdays** and **Fridays** period 8.

<u>The Recycling Committee</u>	<u>The Recycling Drop-Off Stations</u>
<ul style="list-style-type: none"> • Denise DeLucia • Eugene Valentine • Recycling Monitors 	<ul style="list-style-type: none"> • 2nd Floor: Mrs. Linares • 3rd Floor: Mr. Valentine and Mrs. Sundack • 4th Floor: Ms. DiPietro • 5th Floor: Mrs. Lehrfield and Ms. Calcagno

What happens with the collected items?

1. Once a month, the Recycling Committee will bring all the collected bottles and cans to McDonald Avenue for return deposit.

What happens with the money?

1. Money collected from this recycling program will be deposited into a recycle fund managed by school administration and the recycling committee, and will be donated to a charity at the end of the school year.

Not only will this recycling incentive provide extra money for our school, it will afford our students the opportunity to take an active role in all aspects of the recycling process. We want to thank you in advance for your cooperation. If you have any questions please do not hesitate to ask Ms. DeLucia or Mr. Valentine.

Recycling Squad Sorting Bottles and Cans Before Our Trip to Thrifty Beverages



And We're Off, Thrifty Beverages Here We Come



We Redeemed \$85.00



The Magnet School for Math and Science Inquiry

PS/IS 192

4715 18th Avenue

Brooklyn, New York 11204

Phone: 718-633-3061

Fax: 718-871-8721

Liset Isaac
Principal

Rosaria Pecoraro
Amy Muscarelle
Assistant Principals

February 4, 2011

Dear Parents/Guardians:

As part of our school-wide recycling program, this year I have created a student recycling squad. The recycling squad is responsible for making sure all classrooms and offices in our school building are recycling correctly. They are also the recycling monitors for their classroom.

In an attempt to get all staff and students involved in our recycling endeavor this year we have put a school-wide deposit redemption program in place for bottles and cans. We have decided that rather than just disposing of all bottles and cans that have a deposit, we will instead collect them in order to raise money for a charity. At P.S./I.S. 192 all classrooms and offices are collecting bottles and cans that are eligible for deposit.

Once a month myself and the recycling squad will walk to **Thrifty Beverages (located one block from the school)** to return the bottles and cans we've collected for a deposit. The money collected will be deposited into a recycling fund managed by school administration and the recycling squad. This money will be used in the future to support a charity.

This year your child is a member of the recycling squad and I would like your permission for him/her to participate in this excursion. Please complete and return the permission slip below to Ms. DeLucia by Wednesday, February 9, 2011.

Thank you in advance for your cooperation.

Ms. DeLucia

Sustainability Coordinator

Student's Name: _____

Class: _____

_____ I **DO** give my child _____ permission to take a walk once a month to **Thrifty Beverages**
Student's Name
(located at 990 McDonald Avenue, just one block from the school.)

_____ I **DO NOT** give my child permission to take a walk once a month to **Thrifty Beverages**

Thrifty Beverages
990 McDonald Avenue
(On the corner of Webster and McDonald)

Parent/Guardian Signature



The Magnet School for Math and Science Inquiry

PS/IS 192

4715 18th Avenue

Brooklyn, New York, 11204

Phone: 718-633-3061

Fax: 718-871-8721

Liset Isaac
Principal

Rosaria Pecoraro
Amy Muscarelle
Assistant Principals

Memorandum # 103

To: All Classroom Teachers **Pre-K – Grade 8**
From: Denise DeLucia, Sustainability Coordinator
Re: “Go Green” Classroom Report Card
Date: December 23, 2010



In an effort to encourage all staff and students to be conscientious recyclers, I have created “Go Green” Classroom Report Cards for all Pre-K through grade 8 classes. All Pre-K through grade 8 classes will receive a folder with a “Go Green” Classroom Report Card for January through June (**one report card for each month.**) The report card asks you and your students to rate yourself on how **GREEN** your classroom is each day. You are going to rate yourself in four categories: if you and your students are reducing waste in the classroom, reusing waste in the classroom, recycling waste in the classroom, and engaging in recycling activities. The report card includes a rubric with levels 1, 2, 3, and 4. There are specific criteria you must meet in order to attain each level. Every month you and your students will rate yourself accordingly (**please be fair.**) There is also a **Credit** and **Debit System** that goes along with the “Go Green” Classroom Report Card.

Procedure for the “Go Green” Classroom Report Card and **Credit** and **Debit System**:

- You will receive a “Go Green” Classroom Report Card folder which will include a report card for every month from January through June. It will also include a **Credit** and **Debit System** chart.
- Every month you and your students will rate yourselves on how **GREEN** your classroom is using the rubric on the “Go Green” Classroom Report Card. You will submit your folder to me on a monthly basis adhering to the due dates on the front of the folder.
- There will be an interactive bulletin board on the 3rd floor across from room 313, where all Pre-K through grade 8 classes will be represented. On this bulletin board each class is going to be given **\$100.00** to start with for the month of January. Then using the **Credit** and **Debit System** your class can either earn money or lose money each month. I will be updating this bulletin board on a monthly basis to track and display each class’s monthly total.

Your class can earn money by:

- * Scoring a level 3 or 4 on your “Go Green” Classroom Report Card.
- * Engaging in recycling activities or a long term recycling project.

Your class can lose money by:

- * Scoring a level 1 or 2 on your “Go Green” Classroom Report Card.
- * Receiving a classroom recycling ticket.
- Every two months the class with the most money will be the school-wide winner and will be titled the **GREENEST** class in the school. This class will also receive a class prize (**to be announced, it’s a surprise.**) We will be starting the “Go Green” Classroom Report Card along with the **Credit** and **Debit System** in January. There will be a class winner announced in early March for the months of January and February, another class winner will be announced in early May for the months of March and April, and lastly a class winner will be announced in mid to late June for the months of May and June.

Your class does earn money for engaging in recycling activities and projects. For activity ideas please visit our school’s eChalk website where I have added a link in the Teacher’s Lounge to the NYC Teacher’s RRResource Kit. This kit is a helpful tool which can support you in implementing the three R’s (**Reduce, Reuse, Recycle**) in your classroom.

Thank you for your cooperation in helping our school “Go Green,” and setting a good example for our students. If you have any questions please do not hesitate to ask.



The Magnet School for Math and Science Inquiry

PS/IS 192

4715 18th Avenue

Brooklyn, New York 11204

Phone: 718-633-3061

Fax: 718-871-8721

*Liset Isaac
Principal*

*Rosaria Pecoraro
Amy Centazzo, I.A.
Assistant Principals*

Memo # 174

To: All Classroom Teachers Grades 2-6 & All 7th and 8th Grade Homeroom Teachers
From: Denise DeLucia, Sustainability Coordinator
Re: "Junk to Funk" Fashion Show
Date: March 11, 2011
Approved:



In an effort to encourage as well as make all staff and students aware of ways to reduce, reuse, and recycle, PS/IS 192 will be hosting a "Junk to Funk" Fashion Show on **Friday, April 8, 2011**. Students and staff are being asked to use recyclable items and transform them into something that can be worn. For example: a shirt, a vest, a hat, a belt, a necklace, etc. Students and staff will then model the apparel/accessories made during our school-wide "Junk to Funk" fashion show.

Please hand out the "Junk to Funk" Fashion Show flyers you received to your students and explain it to them.

Students Responsibilities:

- To submit tear off of interest in a timely fashion (**no later than Wednesday, March 23, 2011.**)
- To create an **article of clothing** and/or an **accessory** out of recyclable materials.
- To **model** their creation and walk down the **"runway"** in our "Junk to Funk" Fashion Show.

If students are interested, they are to fill out the tear off of interest at the bottom of the "Junk to Funk" Fashion Show flyer, and return it to **you** no later than **Wednesday, March 23, 2011**. You then can pass these slips on to me. Please submit your students' slips to me no later than **Friday, March 25, 2011**.

Teachers are also encouraged to join in on the fun! If you are interested in participating in the show, please complete the tear off below and return it to me no later than **Wednesday, March 23, 2011**.

Thank you in advance for your cooperation.

Teacher Slip

Name _____ is interested in being in the "Junk to Funk" Fashion Show on April 8, 2011.

I will be making/modeling a: _____

I will use the following recyclable material: _____

"Junk to Funk" Fashion Show



April 8, 2011



We all know that we should recycle if we care about our Earth.

Wouldn't it be cool to take a recyclable product and transform it into something we could wear?

Do you have an idea for a new article of clothing or accessory?



Would you like to be a model for a day?

Well if so, here's your chance to enter in a fashion show



Rules to enter:

1. Select a recyclable item/items.
2. Think of a way these recyclable items can be transformed into something that can be worn. For example: a shirt, a vest, a belt, a hat, a necklace, etc.
3. Fill out the tear-off below and return it to your teacher by March 23, 2011. Please write your name and class as well as what you will be making and what materials you will be using.
4. Create the item.

Turn that junk into a funky accessory or outfit

Name: _____ Class: _____ is interested in participating in the Junk-to-Funk Fashion Show on April 8, 2011.

I will be making/modeling: _____

The recyclable items I will be using are: _____



You are Invited to Our "Junk to Funk" Fashion Show

**Where: P.S./I.S. 192
Auditorium**

**When: Friday, April 8, 2011
9:30 a.m.**

Your Child Will Be Walking the Runway





The Magnet School for Math and Science Inquiry

PS/IS 192

4715 18th Avenue

Brooklyn, New York 11204

Phone: 718-633-3061

Fax: 718-871-8721

*Liset Isaac
Principal*

*Rosaria Pecoraro
Amy Muscarelle
Assistant Principals*

Memo # 198

To: All Classroom Teachers Pre-K-6 and Homeroom Teachers of Grades 7 and 8

From: Denise DeLucia, Sustainability Coordinator

Re: Earth Day School Wide Activity

Date: April 11, 2011

Approved:

April 22, is Earth Day. Earth Day is a day to remember to take care of our planet, Earth. The purpose of the day is to inspire appreciation for the earth's environment and awareness of issues that threaten it. We can take care of our planet by keeping it clean and following the rule of “reduce, reuse, and recycle”.

Since we will not be in school on April 22, we'd like to celebrate **Earth Day at PS/IS 192 on Friday April 29, 2011** instead. On this day, we are asking all staff and students to wear green. Please make your students aware that they are to wear green on this day. We are also asking all teachers to speak to your students about the importance of taking care of our Earth. We would like for every student at PS/IS 192 to take a vow (or make a promise) to take care of our Earth.

Each class will receive sheets of “Going Green to Save the Earth” slips to cut out. There will be enough so that each child will have their own slip. On these slips, have your students write how they “**vow**” to save the Earth. We have also prepared posters for each class that say “Class ___ Vows to save the Earth”. We would like for each student in your class to sign the poster and then for it to be displayed in the hallway along with a chart of you classes “Going Green to Save the Earth” slips.

If you have any questions please do not hesitate to ask



Informational Recycling Bulletin Board

This bulletin board shows which items go in each pail. Going down the sides of the bulletin board are recycling facts.

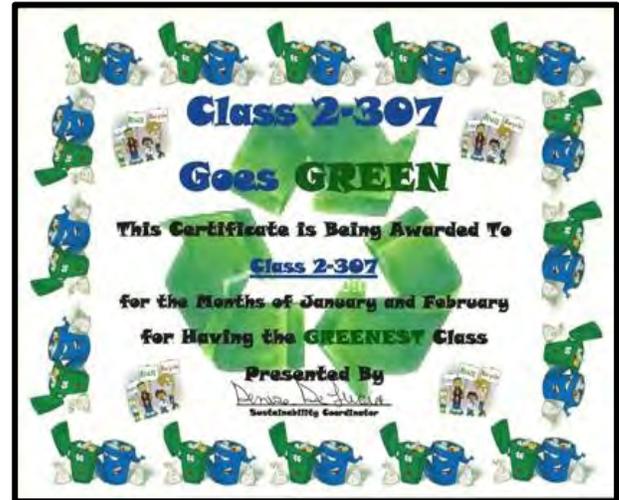


Updating the “Go GREEN” Bulletin Board with the Recycling Squad



I would like to note that every month when I update the "Go GREEN" bulletin board I have the Recycling Squad assist me. When I'm updating our kindergarten thru grade 2 classes, I take the kindergarten thru grade 2 Squad members. When I'm updating our grade 3, 4, and 5 classes, I take the 3rd, 4th, and 5th grade Squad members. And when I'm updating our 6th, 7th, and 8th grade classes, I take the 6th, 7th, 8th grade Squad members. When updating this board the students get to practice their math skills. We have to take away money, add money, and exchange money.

Our GREENEST Class for the Months of January and February



Class Certificate

Class 2-307 was the GREENEST class for the months of January and February. They earned the most money because the teacher engaged them in several recycling activities, therefore, they earned extra bucks. They received a class certificate, which is hung outside of their classroom; it was announced over the loud speaker that they were the winners; and their class price is a trip to the New York Hall of Science, which my principal is paying for.



****I gave all teachers blank invitations, so that every time they engage their class in a recycling activity they could invite me. All they have to do is fill it out and leave it in my mail box.**



"Junk-to-Funk" Fashion Show

Student Modeling Dress Made From Bubble Wrap



Students Modeling Dresses Made From Newspaper and Cardboard, a Shirt Made From a Plastic Bag, a Paper Hat, and Necklace Made Out of Soda Cans

Students Modeling Dresses Made From Plastic Bags and Paper, Purses Made From Paper and Cardboard, and Hats Made From Paper



Dress and Necklace Made From Newspaper

Student Modeling Dress and Necklace Made From Paper



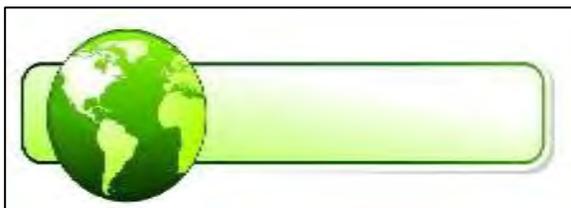
Decorations Made By Staff and Students



Earth Day

This year, because Earth Day fell on a day we were not in school, we celebrated it on Friday, April 29, 2011. All classes received a "Vow to Save the Earth" poster, and a class set of "Go GREEN" slips, one for each student in their class. Teachers were asked to have all their students sign the "Vow to Save the Earth" poster, and to have them complete a "Go GREEN" slip stating a way they can help save the earth. Teachers were also asked to display their signed poster and completed "Go GREEN" student slips outside their classroom.

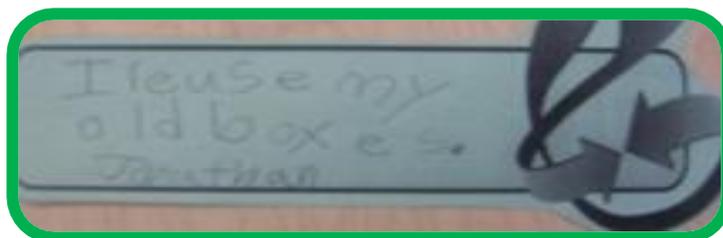
"Vow to Save the Earth" Poster & "Go GREEN" Slips All Classes Received



We Vow to Save the Earth



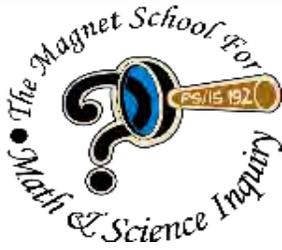
K-2 12 Displays How They Vow to Save the Earth



A Vow from a Kindergarten Student

School Leadership Team:

I am a member of the School Leadership Team (SLT.) I sit as the co-chairperson on the SLT. The SLT meets once a month. Its members consist of administration, teachers, and parents. A routine of the SLT is to form sub-committees, and to have one of the SLT members be responsible for reporting on (giving an update) a specific sub-committee each time the SLT meets. At my request, one of the sub-committees is recycling. And, yes, I'm the one who is responsible for giving an update on the recycling program at our school each time the SLT meets. This is an excellent way of making parents aware of our school's recycling program, and it allows them to see that it is something we are committed to and take seriously.



The Magnet School for Math and Science Inquiry

PS/IS 192

4715 18th Avenue

Brooklyn, New York 11204

Phone: 718-633-3061

Fax: 718-871-8721

*Liset Isaac
Principal*

*Rosaria Pecoraro
Amy Muscarelle
Assistant Principals*

School Leadership Team Meeting

Date: March 10, 2011

Time: 3:00pm-5:00pm.

Location: Room 104

In Attendance:

Rosaria Pecoraro- (Principal designee)	Nicole Gaglia
Beverly Gold	Linda Ustun
Cathy Speziale	Ingrid Rojas
Denise DeLucia	Maria Mendez
Yolanda Fioriello – (Observer)	

Absent:

Tanisha Santiago	Liset Isaac
Juan Nunez	

Minutes

- ❖ **Call to order**
- ❖ **Review of School Leadership Team minutes from February 10, 2010**
 - Beverly Gold accepted the minutes
 - Denise DeLucia seconded the motion
- ❖ **Old Business-**
 - The Peer School Review will now take place on April 6, 2011
 - The reviewers will look for evidence of rigor and differentiation in classrooms.
- ❖ **New Business-**
 - School Learning Environment surveys for students are in. Parent and teacher surveys will be in next week.
 - The PTA will be purchasing 4- \$50.00 gift cards for four families that participate in the survey.
 - Classes with 100% participation will receive an extra gym period, frozen fruit pops, and a no homework pass.
 - Parent Teacher Conferences will be taking place on March 15, 2011 from 1:00p.m-3:00p.m. and 6:00p.m-8:30p.m.
 - Translations will be provided.
 - Representatives from the following institutions will be present during the conferences: Ameri Group, Library, Astoria Bank and the Housing Department to share information with our families.

❖ **Sub-committee Reports:**

➤ **Recycling-**

- A school wide collection of cans and bottles to turn in for refunds in order to raise money for charity is in effect.
- Ms. DeLucia and members of the Recycling Squad took a walk to “Thrifty Beverages” to return bottles collected for refund and earned \$85.00)
- A “Go Green” Report Card System (of debits and credits) is in place. Ms. DeLucia is calculating class totals on tracking bulletin board to determine winner.

Corresponding with the Home Reporter:

In previous years we have advertised our school in the Home Reporter (at a cost) in efforts to increase enrollment. However, I am aware from my past dealings with the Home Reporter, that they encourage schools to submit pictures and a brief blurb of any worthwhile events going on in your school, and when they need to fill space in their paper, they do so by using what schools have submitted free of charge. Having this knowledge I decided to contact the Home Reporter. Below is the email that was sent.

Re: School Pictures Being Placed in the Home Reporter

DeLuciaD71 to Homereporter - Mar 29 More Details
Add to: To Do, Calendar

[Recycling Blur for the Home Reporter.doc](#), [100_2640.JPG](#), [100_2641.JPG](#), [100_2643.JPG](#) I18N
YGP.SaveAll I18N YGP.SaveProgress I18N YGP.ViewAfterSave

To Whom it May Concern:

My name is Denise DeLucia and I work at P.S./I.S. 192 The Magnet School for Math and Science Inquiry located in Brooklyn. We have advertised our school in the Home Reporter and Spectator both this year and last. We worked with Loretta at the Home Reporter when placing our previous ads who suggested that we submit pictures of some of the worthy activities going on in our school.

I would like to submit some school pictures of our students involved in a school-wide recycling bottles and cans redemption program. Our school has many recycling incentives in place this year, and I thought that it would be a great idea to advertise one of these incentives during the month of April because of Earth Day (Friday, April 22nd.)

I've attached 3 pictures as well as a word document with the same 3 pictures and a brief explanation of the recycling incentive.

Thank you so much,
Denise DeLucia

Denise DeLucia
Magnet Resource Specialist/Sustainability Coordinator
P.S./I.S. 192 The Magnet School for Math and Science Inquiry
4715 18th Avenue
Brooklyn, NY 11204
(718) 633-3061

Since sending this email I have contacted the home reporter via phone several times to get an update. I was told that they can't tell you exactly when your pictures might appear in their paper, however, they do try to get all schools who have submitted something in. I haven't heard anything yet, I'm Keeping my fingers crossed.

Posting Links at Our School Website for Teachers and Parents:

At our school's website www.ps-is192.org we have a resource for parents titled Parent Place. When parents click on this resource, they are provided with a variety of helpful links. In the Parent Place resource I added a link to the *NYC recycle more, waste less website*. At our website we also have a resource for teachers titled Teacher's Lounge. When teachers click on this resource, they are also provided with a variety of helpful links. In the Teacher's Lounge I added a link to the NYC Teachers' RRRResource Guide. Below I have copied the information from our school website.

Parent Place

[ARIS Parent Link](#)

ARIS Parent Link (APL) provides you with academic information about your child and your child's school. By sharing this academic information with you, you can become an active partner in your child's education.

[Homework NYC](#)

Powered by New York City's Libraries

[Recycling at Home](#)

At this website you can find recycling requirements for all buildings serviced by the NYC Department of Sanitation, including residences.

[School Family Web Site](#)

[Parent Magic](#)

Helpful tips on raising children

[AccessNY Web Link](#)

Web site to assist in navigating New York City agencies

[Link to Breakfast/ Lunch Menu](#)

[Back to Homepage](#)

Teacher's Lounge

[Reduce, Reuse, Recycle - NYC Teachers' RRResource Guide](#)

The NYC Teachers' RRResource Kit: RRR You Ready? helps educators implement the three R's (Reduce, Reuse, Recycle) at school. The RRR Kit was developed by the DSNY Bureau of Waste Prevention, Reuse and Recycling in cooperation with the NYC Department of Education and the NYC Environmental Educators Advisory Council (EEAC). The RRResource Kit includes: *Lesson plans and activity sheets for grades K-5 that comply with Department of Education standards. *Ideas for hands-on projects and long-term activities. *Extensive background information, including glossary sheets and additional resources.

[NYC DOE Email Login](#)

[NYC DOE Teacher Page](#)

A Resource for Teachers

[NYC DOE SubCentral](#)

[UFT Website](#)

[UFT Teacher Center](#)

[Differentiated Resource Site](#)

[Everyday Math & Impact Math Updated Pacing Calendars Pre-K - 8](#)

[Mathematics and Children's Literature](#)

[100th Day of School Celebration Ideas](#)

[Reading Rockets](#)

[Spelling Bee](#)

At this site you will find resources to be used with your students to prepare them for our school-wide spelling bee.

[Back to Homepage](#)

Collaboration:

This year I collaborated with LEAP (Learning through an Expanded Arts Program.) LEAP is a nonprofit organization that helps to improve the quality of public education through a hands-on, arts-based approach to teaching the academic curriculum. LEAP empowers students to reach their full potential. LEAP develops and delivers workshops, residencies and performances for schools, cultural institutions and community-based organizations. LEAP has over 200 teaching artists and experts from architects to zoologist who work with teachers and students to enrich classroom instruction.

I have partnered with LEAP this year to implement a residency for our 4th grade classes. LEAP has a variety of programs to choose from, in all the content areas. The program I chose is titled "Going Green: Global Ecology/Global Environments." I've included a summary of the program below. What this means is, LEAP will be sending an expert/artist to work with my 4th grade teachers and students on the program selected. This is an eight day residency. The expert/artist will work with all my 4th grade classes an hour a week, for eight weeks.

Program Description:

GOING GREEN: GLOBAL ECOLOGY / GLOBAL ENVIRONMENTS

Students create and play games that focus on the ecology and environments of countries from around the world. Students research and analyze the countries' approach to ecological concerns. They then make and play ecology games, organize a "go green" campaign, or create a class ecology exhibit demonstrating their greater understanding of the complex balance between cultural values, societal needs, economics, and environmental issues.

****Below I have included the work order from LEAP for this residency.**

Work Order from LEAP

PS/IS 192K [district 20]

Liset Isaac, Principal
4715 18th Ave.
Brooklyn, NY 11204
T: 718-633-3061
F train to 18th Ave

Going Green: Global Ecology / Global Environments

Emily Provance, Teaching Artist
T: 802-338-7688
eprovince@hotmail.com

Project Arts

Denise Delucia, Coordinator
T: 718-633-3061
ddeluci2@schools.nyc.gov

Leap Artist Billing Code: **PA20-192K**

Schedule

Classes: 3 classes of Grade 4

Notes: 3 classes of grade 4 and 1 class TBD.

Leap Office Contact:

Bridget Higgins, ext. 315

Work Date	Time	Artist	Comments
Thursday April 28, 2011	Morning - Afternoon	Emily Provance	Planning
Tuesday May 17, 2011	Morning - Afternoon	Emily Provance	
Tuesday May 24, 2011	Morning - Afternoon	Emily Provance	
Friday May 27, 2011	Morning - Afternoon	Emily Provance	
Tuesday May 31, 2011	Morning - Afternoon	Emily Provance	
Thursday June 2, 2011	Morning - Afternoon	Emily Provance	
Friday June 10, 2011	Morning - Afternoon	Emily Provance	
Tuesday June 14, 2011	Morning - Afternoon	Emily Provance	
Total Number of Days			8 Full days

****I do not have any pictures to include here because the residency does not begin until May 17, 2011. (See dates above on the work order. April 28th was just a planning session for the expert/artist and teachers.)**

Educational Components:

As I mentioned earlier one of the objectives that drove my planning was to motivate and encourage teachers to implement recycling lesson and other environmental lessons in their classrooms. This objective was definitely met. The "Go **GREEN**" Classroom Report Card along with the Credit and Debit System as a school-wide incentive was a great motivation for teachers to engage their classes in recycling activities. Because everyone wanted to earn "BIG Bucks," there was a lot of recycling activities going on in the classrooms. On the following pages I will include evidence of some of these activities.

Class Activities:

Class 4-308:

Activity: How many bottles can we save?

As part of a recycling inquiry investigation class 4-308 figured out how many plastic water bottles the staff of P.S./I.S. 192 could save in one year. Students figured out that if one person bought a reusable bottle and refilled that bottle each day, that person would save 365 plastic bottles from being used.

The students worked in groups. Each group was assigned a different staff population to figure out. The staff was divided into the following groups: administration, classroom teachers, specialized teachers, paraprofessionals, and out of classroom staff. The students figured out how many plastic water bottles would be saved by each staff member group if they were to buy a reusable water bottle. Their findings were as follows:

-  Administration would save 1,825 bottles in one year.
-  Classroom teachers would save 15,695 bottles in one year.
-  Specialized teachers would save 8,030 bottles in one year.
-  Paraprofessionals would save 7,665 bottles in one year.
-  Out of classroom staff would save 11,315 bottles in one year.

Class 4-308 decided that they should recycle newspapers to show their work. Each group created a giant water bottle made from small water bottles they cut out of newspaper. They decided that each small newspaper water bottle would represent 100 bottles. The students divided their totals by 100 to figure out how many newspaper water bottles they would need to create their giant water bottle. Their giant water bottle actually represents the total number of water bottles saved for the staff group they figured out.



**Their Work
Displayed in the
Hallway**

Sample of Student Work

Name: David Smith Date: 2/01/01

1. What can people do to REDUCE the amount of plastic water bottles we use? we can save the little amount of the water
2. What group did you work on? specialize teachers
3. How many members are in your group? 22 members

How many bottles can your group save?	How many bottles do you need for your display?
$300 \times 22 = 6600$ $500 \times 22 = 11000$ $80 \times 22 = 1760$ $2 \times 22 = 44$ 2900	$8,000 \div 100 = 80$

4. Why should people try to reduce the amount of garbage they produce?
because if you don't recycle the planet will get dirty and animals will die and we won't have enough.



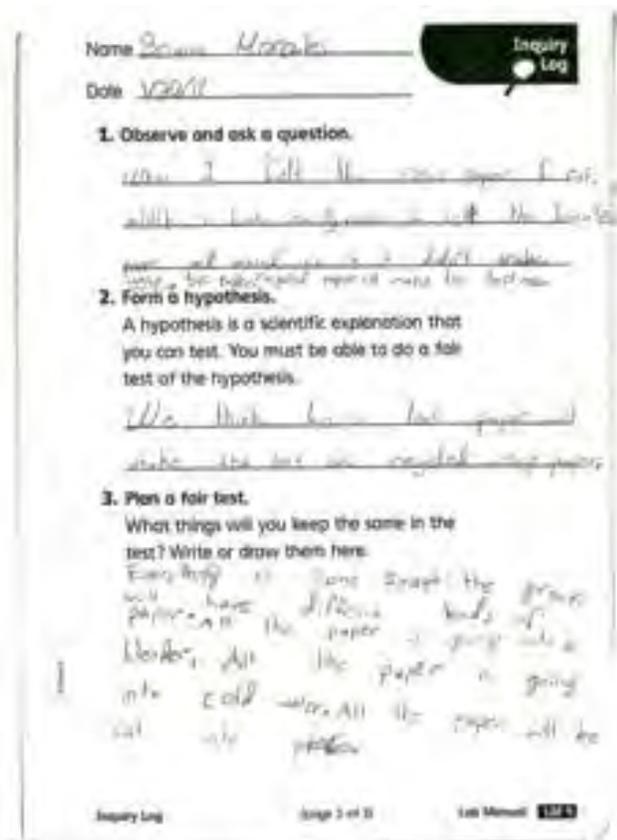
**Students Creating Their Giant
Water Bottle from Small
Newspaper Water Bottles**

Class 2-307:

Activity: Recycling Paper

Class 2-307 used the scientific method to create recycled paper.

Students Making Recycled Paper



Sample of Student Work

Students completed this inquiry log after observing different types of paper.



Students Experimenting with Different Types of Paper

Class 2-307:

Activity: Why is Recycling Important?

Students chose an item they felt should be recycled. Each student wrote a short essay describing the item and explaining why it should be recycled.

PSIS 192
2-307

Fardeen Bhatti
17/3/11

Recycling plastic bottles

We should recycle plastic bottles because when we recycle plastic bottles they can be turned into new plastic bottles or new plastic toys. Also when you recycle plastic bottles your saving the earth. If you recycle plastic bottles it will stop pollution. If you recycle bottles you can make them

into new plastic products like plastic containers.

Student Essay on Plastic Bottles

Class 2-307:

Activity: Why are Trees so important?

Students drew a diagram of a tree and labeled its parts. They then wrote and explained what items come from trees.

Sample of Student Work



Class 2-309:

Activity: Who are the endangered species of the rainforest?

Class 2-309 read "The Great Kapok Tree" (a tale of the Amazon rain forest) by Lynne Cherry. After reading this story, they wrote persuasive letters in the voice of one of the endangered species named in the book, on why the Amazon's rain forest should be saved.

Persuasive Essay Written in the Voice of a Boa Constrictor

Name: Rafael Date: 4-13-2011



Dear Sawyer

"I am a boa constrictor living in the rain forest." The rain forest is a habitat of living things. Many of my friends live in this kapok tree. This is the home of the high & low animals."

Name: Rafael Date: 4-14-2011

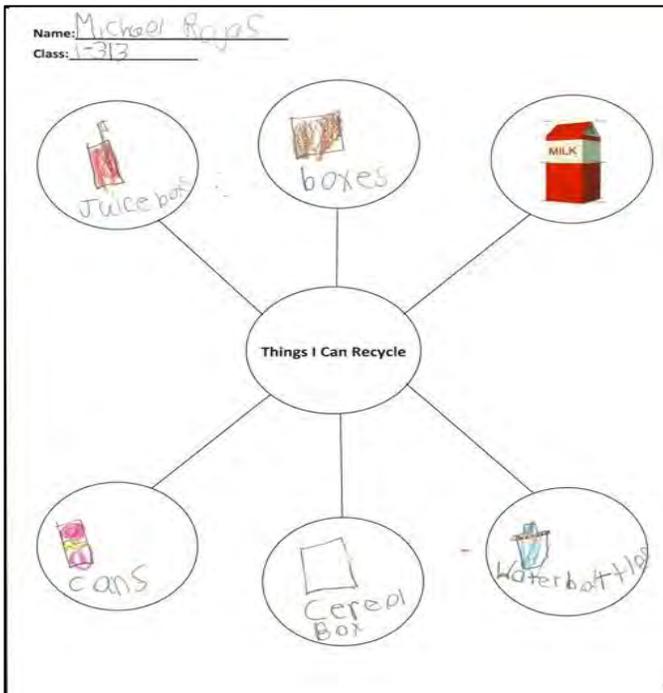


I have some good advice for you to save our forest. you should reduce and recycle to help save our trees. we can use paper again. I hope you will listen to my advice.

Class 1-313:

Activity: **What can we recycle?**

Class 1-313 read "Michael Recycle" by Ellie Bethel. After reading the story, the students completed a graphic organizer by brainstorming different items that could be recycled.

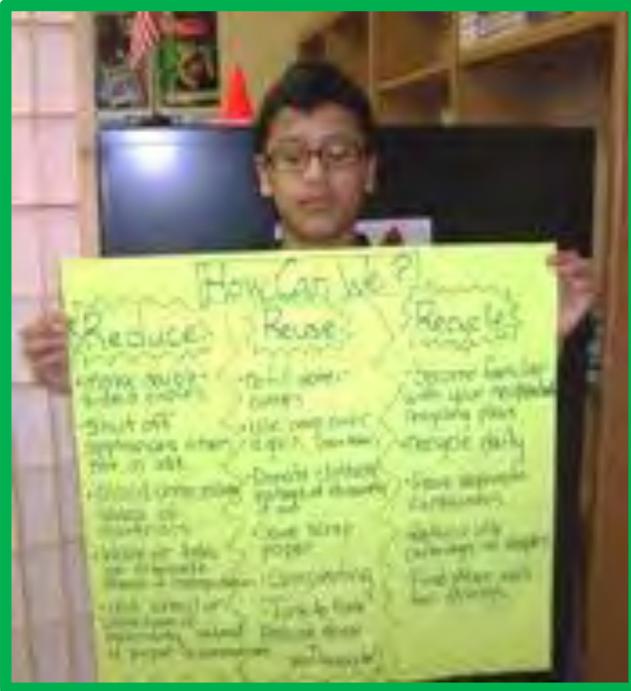


Sample of Student Work

Class 6-411:

Activity: How can we Reduce, Reuse, and Recycle?

Class 6-411 brainstormed together ways they could reduce, reuse, and recycle. The created a class chart with their ideas. The students then created posters and completed a sheet that asked them to list three ways they could reduce, reuse, and recycle at school.



Think Green, Teach Green Unit Name Hanan Alwan 4/1/11

The "Three Rs" of Conservation: Reduce, Reuse, and Recycle

Reduce: Reduce your consumption.
Reuse: Reuse what you have already bought.
Recycle: Recycle what you cannot personally reuse.

Create a poster encouraging people to reduce, reuse, and/or recycle.

©2008 abcteach.com

Think Green, Teach Green Unit Name Chris Kjepp Date 4/1/11

The "Three Rs" of Conservation: Reduce, Reuse, and Recycle

Reduce: Reduce your consumption.
Reuse: Reuse what you have already bought.
Recycle: Recycle what you cannot personally reuse.

Give three examples of ways you can reduce at school.

1. One way we can reduce at school is to make double-sided copies.
2. Another way we can reduce at school is to send messages to students through email instead of wasting paper.
3. A final way to reduce at school is to turn off appliances in the school that are not in use.

Give three examples of ways you can reuse at school.

4. One way we can reuse at school is to save scrap paper used in class.
5. Another way we can reuse at school is to refill water bottles. Students bring to school.
6. A final way we can reuse at school is to participate in the "Junk to Funk" fashion show.

Give three examples of ways you can recycle at school.

7. One way we can recycle at school is to find other uses for daily items.
8. Another way we can recycle at school is to have separate containers in the classroom.
9. A final way we can recycle at school is to enforce students to recycle daily every day.

Think Green, Teach Green Unit Name Chris Kjepp Date 4/1/11

The "Three Rs" of Conservation: Reduce, Reuse, and Recycle

Reduce: Reduce your consumption.
Reuse: Reuse what you have already bought.
Recycle: Recycle what you cannot personally reuse.

Create a poster encouraging people to reduce, reuse, and/or recycle.

©2008 abcteach.com

Project Analysis

What Worked?

There were many successful aspects of this project, but here I will describe the two most successful. The creation of a student Recycling Squad proved to be a big success. Most importantly, it promoted student involvement, and the students loved being an "Agent" on the Squad. Having the students be responsible for their classroom's recycling procedures also proved to be a success. The students took their responsibilities very seriously, and because they did, they took ownership to our school's recycling program. Because they were responsible for ensuring their class was recycling properly, and emptying their classroom's paper pail at the end of each day into one of the main paper pails on their floor, this made them realize that their efforts play an important role in the success of our school's recycling program. Hence, the sense of ownership is developed. The students having this responsibility also served another purpose. Because it was up to them to ensure that all recycling procedures were being followed in their classroom, and they knew we were giving out classroom recycling tickets; they didn't want to be embarrassed if their class got a ticket, so they made sure their pails were not contaminated, and everyone was recycling properly. There was definitely noticeably less contamination in our classrooms' pails thanks to our Recycling Squad.

The "Go **GREEN**" Classroom Report Card along with the Credit and Debit System as a school-wide incentive was also a huge success. This school-wide incentive promoted both staff and student support, interest, and involvement in our school's recycling program. Because it was a little friendly competition, all class wanted to be the **GREENEST** class. This school-wide incentive both encouraged and motivated staff and students to be "**SUPER**" recyclers. One of the most beneficial outcomes of this school-wide incentive is that it motivated teachers to engage their classes in recycling activities, and other types of environmental activities.

In summary, the most successful outcome of our school's recycling program this year, is that it helped to create a school community who recognizes their small efforts can make a **BIG** difference in our Earth's future, and it motivated them to be environmentally knowledgeable and responsible citizens.

What didn't work?

I must say that I was very pleased with the outcome of all projects implemented this year. However, the one thing that proved to be difficult for me was making time to meet with all the Recycling Squad members. We are a Pre-K thru grade 8 school, and my Recycling Squad consists of the classroom recycling monitors from all kindergarten through grade 8 class. And because the younger grades assigned two monitors per class, I have a total of 35 Recycling Squad members. This is a large number of students to meet with on a monthly basis during the school day. My goal was to try and meet with the Recycling Squad at least once a month, but this proved to be very difficult. First, the age range of the students was so varied, therefore, I had to meet with them in age appropriate groups. I would usually meet with k- 2 as one group, 3-5 as another group, and 6- 8 as another group. Second, having to meet with three groups also proved to be very difficult during the school day. I do have a very busy schedule, and I found it difficult finding the time during the school day to me with all three groups on a monthly basis. As a solution, next year I would definitely have the Recycling Squad meet as an after-school club.

Applicability to Other Schools:

I would definitely recommend putting some type of school-wide recycling incentive in place. As I mentioned earlier, our school-wide incentive was a big success, and it definitely promoted staff and student involvement in our school's recycling program. I would also highly recommend having some type of student committee. I created a student Recycling Squad, which, as I mentioned earlier turned out to be a huge success. Student involvement is an absolute necessity in promoting your school's recycling program. And after all, they are our future, and they should be motivated and taught to be environmentally responsible citizens. If a school does have a student recycling committee, I would definitely recommend having this committee meet as an after-school club. This would probably be more manageable than having to meet with them during the school day. Most of all, I would recommend being creative and having fun with your students when promoting your school's recycling program.

Measuring Success:

For me the most significant measure of success is the staff and students' support, interest, and involvement in our school's recycling program this year. Compared to previous years, this year, I have seen an enormous difference in the level of support, interest, and involvement in our school's recycling program from all members of the school community; from administration down to the students. It is this level of support, interest, and involvement from the entire school community that makes me aware all my efforts to promote and improve our school's recycling program this year have been successful. As I mentioned earlier, I truly believe, that this year our school community has grown into one that is both environmentally knowledgeable and responsible.