

TrashMasters!™
SUPERRecyclers



Intermediate Division
Brooklyn Borough
Winner

PS 89
Cypress Hills

2013 GOLDEN APPLE AWARDS

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



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

NYC
recycle more,
waste less!

2013 Golden Apple Awards Contest Entry Judging Info

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



ID Info: 13016
School: PS 89 Cypress Hills
Grade Division: IS
Borough: K

Golden Shovel Award contestant
(for borough Master School Composter)

2013 Project Entries received for:

School Population: total # 420

Core Group: **Total Participating:**

15

15

TrashMasters! Super Recyclers

Received: 5/1/2013

Los Recicladores Latinos

The Latino Recyclers is a group of 15 (Latino) male students who meet three times a week as part of their school service-learning project. Over the past two years, the Recicladores Latinos have been working with the school building manager and science teacher to improve the school's recycling program. This presentation outlines most of their work.

TrashMasters! Reduce & Reuse Challenge

Received:

TrashMasters! Team Up to Clean Up

Received:

Prior Year Entries:

13:SR-B

Current Prizes

13:SR-boro

School Contact Information:

Phone: 718-964-1180
Address: 265 WARWICK STREET
BROOKLYN 11207

Contest Coordinator: Daniel Golub

Block&Lot: 3039520047
DOE Location: K089
DOE Bldg: K814

Principal: IRENE LEON

Sustainability Coord: Dan Golub

REQUIRED for Super Recyclers only:

Custodian: JOSE CESPEDES

Info Confirmed: 5/9/2013

Printed: 6/26/2013

Cypress Hills Community School



2013 Golden Apple Competition

School Information

- Cypress Hills Community School, PS089
- 265 Warwick Street, Brooklyn NY 11207
- Phone: (718) 964-1180
- Principal: Irene Leon, iLeon@schools.nyc.gov
- Sustainability Coordinator: Dan Golub, 8th Grade Math and Science Teacher, golub.dan@gmail.com
- Cypress Hills Community School is a bilingual preK-8 elementary and middle school. With a total of 420 students, CHCS has a vision of developing students that are bilingual in all subjects, committed to service-learning, and socio-emotionally mature. About 95% percent of students are free/reduced lunch, over 50% of our students are ELLs, and many are recently arrived immigrants from Latin America.
- Borough: Brooklyn
- Grade Division: Elementary and Middle School
- Contest Entry Title: The Latino Recyclers and Cypress Hills Community School.
- Contest Entry Summary: The Latino Recyclers (Los Recicladores Latinos) is a group of 15 (Latino) male students who meet 3 times a week as part of their school service-learning project. Over the past two years, the Recicladores Latinos have been working with the school building manager and science teacher to improve the school's recycling program. This presentation outlines most of their work.
- Core Student Participation: 15, grades 6-8. School population: 420

School Sustainability Initiative



Our school sustainability initiative is a connection between administration, teachers and classes, kitchen staff, custodian staff, and the recicladores latinos (The Latino Recyclers). Pictured on the left are the Recicladores Latinos, who as a service-learning project manage the school's recycling projects. On the right, the recicladores latinos are meeting with José, our building manager, about what we will do throughout the school year. While some projects were José's ideas, many ideas come from the students.

Classroom Recycling



- Every classroom in the building boasts a white metal can for trash, a blue plastic bin for recycling bottles, and a large cardboard box for recycling paper. The custodial staff collects the trash and bottles daily, and the Recicladores Latinos collect the paper recycling every Wednesday morning at 8:00am.

Paper Recycling



Every Wednesday, a group of 15 students (Los Recicladores Latinos) visit each classroom to collect the week's recycled paper. Groups of 3-4 students cover each floor. Collecting the paper weekly, instead of daily, reduces the amount of plastic bags consumed and also reduces the work of the custodial staff.

After collecting the recycling from each room, we bring it back to the Math/Science room to sort. Students remove all the plastic, napkins, pens, and other trash that doesn't belong in the paper recycling. After revising the bags, we each do 5 push-ups for every piece of trash found in the bags. Finally, we bring the bags to the basement where they will sit until José, our building manager, takes it out to the truck.



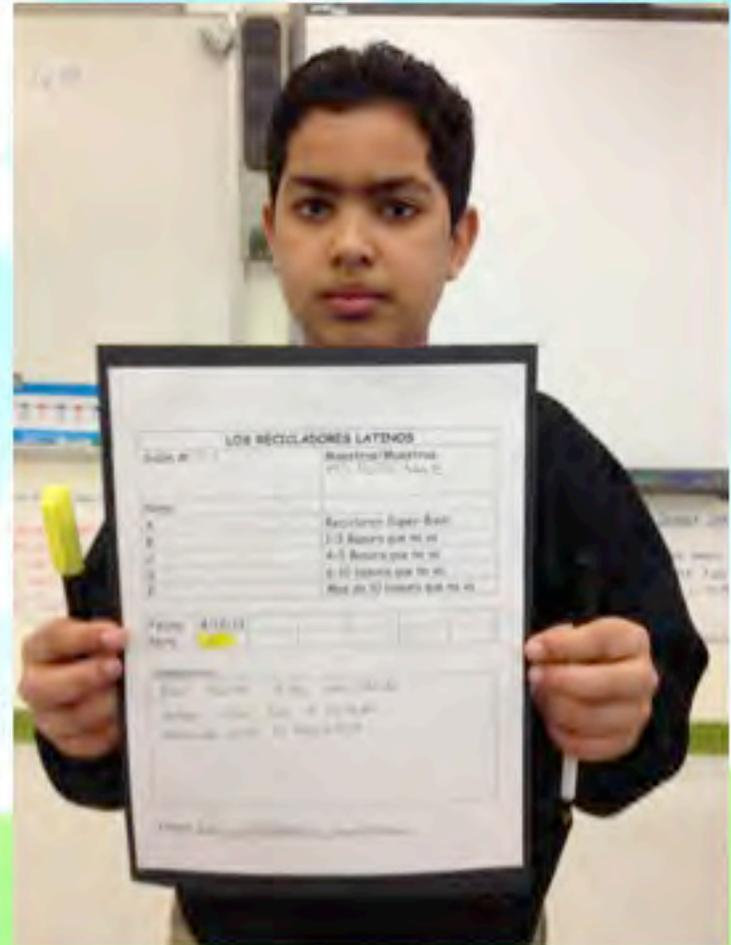
Maintenance of Recycling Bins



- The one downside working with cardboard boxes to house the recycled paper is that the bins occasionally break. A team of 3-4 students each week works on box maintenance, stapling and taping together classroom boxes that need repair.

Recycling Grades

- One of our newer projects involves grading classrooms on their quality of recycling. Each class has its own “report card,” which teachers present to the students (K-8, as well as the office, library, teacher’s lounge, and parent room). Classrooms receive an “A” for no misplaced waste, a “B” for 1-3 pieces of misplaced waste, a “C” for 4-5 pieces of misplaced waste, a “D” for 6-7 pieces of misplaced waste, and an “F” for more than 8 pieces of misplaced waste. This initiative has motivated not only the students, but also the classroom teachers to recycle better. Student comments, written by the Recicladores Latinos provide feedback on their participation.



Recycling Outreach

In addition to managing the paper recycling program at school, the Recicladores Latinos work on other Sustainable Recycling Projects.



Here students work to make recycled paper, using a plastic net and a wooden frame.



GOOSO (Good On One Side Only) initiative in some of the middle school classrooms.

Recycling Education



- The Recicladores have planned, filmed, produced, and edited two videos to educate our school community about recycling. Please watch them!!!!

<https://vimeo.com/65109328>

<https://vimeo.com/53500718>

Recycling Competition

- We have done two recycling competitions for middle school students to teach students how to recycle, and motivate them in a fun and stimulating way. Our first competition was in the gym, and the second was in the classroom. Pairs of students had to collect as much waste products and correctly sort it, given 60 seconds.



Kitchen Recycling

- The kitchen staff has been amazing in cooperating with all recycling initiatives. They recycle the cardboard boxes and the large metal cans that are consumed daily.



Cafeteria Recycling



Before

Recycling in the cafeteria is a new initiative this year. Before, we had bins for recycling but no students really recycled. This fall, the Recicladores Latinos created signs to put up on the walls above the recycling, trash, and milk bucket. We then cut holes in lids and placed them on blue bins so that students could only recycle milk cartons in that bin.



After

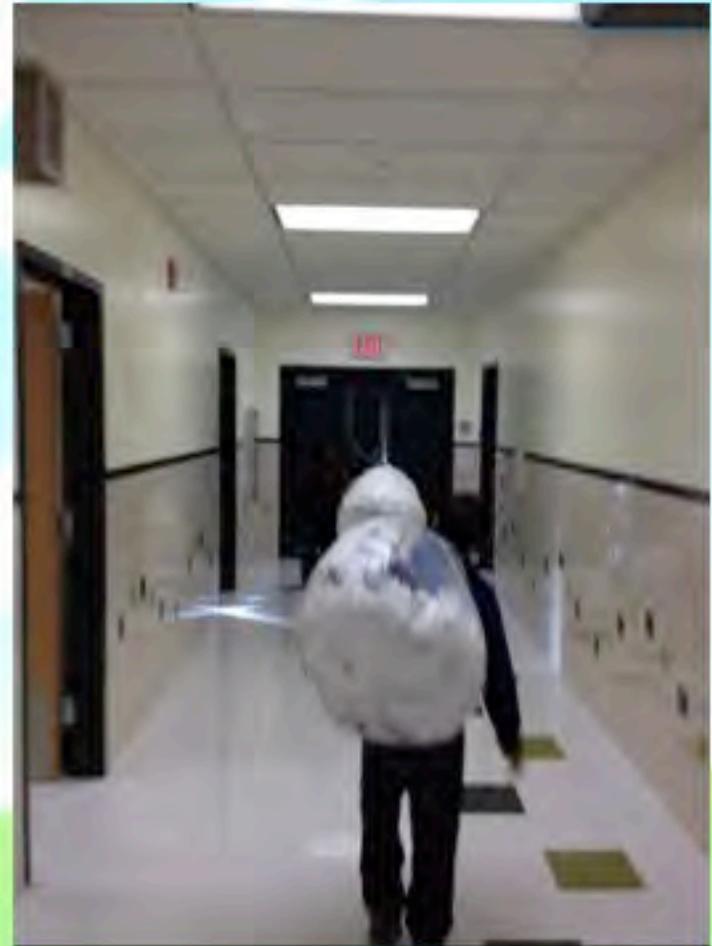
Cafeteria Recycling



Having all students and staff properly recycle in the cafeteria has been our biggest challenge this year. To improve cooperation, we made myriad signs, and modeled for other students how to properly recycle.

Garbage and Recycling Schedule

Garbage is collected daily by custodial staff, and recycling is collected by the city on Mondays, Wednesdays, and Thursdays. Pictured are the Recicladores Latinos bringing all the paper recycling down to the basement on Wednesday, where it will then be brought out to the curb.



Battery and Electronics Recycling

- Another new initiative this year is starting to recycle used batteries and electronic parts. Most students and teachers don't use this service, and it is an area that we can improve in for next year.



Project Planning

- About once a month, the Recicladores will reflect upon, and brainstorm new ideas for our recycling initiative. This year has witnessed many new ideas compared to last year.



Reducing Energy Consumption

- Reduce hours of operation for air conditioning in throughout the school year and over the summer.
- Demand-Response Energy Saving where the school reduces energy use during peak hours of consumption (for example, turn off cafeteria air-conditioning after lunch, and raise hallway temperature for specific hours).
- All non-emergency lights automatically shut down 1:00-5:00am.
- All classrooms have motion sensors that turn off the lights after 10 minutes of inactivity.



Project Analysis: Successes

- Classrooms and office are recycling paper better than the beginning of the year.
- Cafeteria recycling of milk cartons has dramatically improved.
- Students are more aware of our school recycling initiative.



Project Analysis: Areas for Improvement

- Expand our GOOSO initiative to all classrooms.
- Increase publicity for recycling electronics and batteries.
- Educate school community about reducing energy consumption.
- Compost organic waste.



Green Cup Challenge Results

- This year we were 15th place in the Green Cup Challenge. Check out our video we made about the process!

<https://vimeo.com/53500718>



the
green 
cup energy
challenge

SCHOOL: PS 89K CYPRESS HILLS (LOCN CODE: K089, BLDG CODE: K814)
 PRINCIPAL: IRENE LEON
 CUSTODIAN: JOSE CESPEDES
 SUSTAINABILITY COORDINATOR: DAN GOLUB
 DATE(S) OF ASSESSMENT: May 17, 2013

14 Locations were assessed.

SCORES by Recycling Compliance Category & Material Type

	OVERALL	MIXED PAPER & CORRUGATED CARDBOARD	BEVERAGE CARTONS, BOTTLES, CANS, METAL & FOIL
COLLECTION CONTAINERS	Good	Good	Good
AREAS/SIGNAGE	Poor	Poor	Poor
PROPER USE	Good	Good	Good
SOURCE SEPARATION (at internal collection)	Good	Good	Good
STREAMS KEPT SEPARATE	Good	Good	Good
DUMPSTERS	n/a	n/a	n/a
SOURCE SEPARATION (at storage and setout)	Good	Good	Good
SETOUT AMOUNT	n/a	n/a	n/a

Score Descriptions

COLLECTION CONTAINERS: This is the score for the presence and proper set-up of recycling containers. It documents the opportunity for students and staff to source separate of recyclable materials from trash.

AREAS/SIGNAGE: This is the score for the presence of signage instructing people what and where to recycle for each material type. It documents efforts to educate students and staff about the recycling program.

PROPER USE: Where containers exist, this is the score for whether they are used properly (whether the correct materials are put into the proper bins.)

SOURCE SEPARATION - INTERNAL: This is the score for the extent to which proper source separation is taking place internally, where opportunities for source separation currently exist.

STREAMS KEPT SEPARATE: This is the score for how well the streams of materials are kept separate in storage and for setout.

DUMPSTERS: This is the score for the labeling and maintenance of the dumpsters, if dumpsters are used.

SOURCE SEPARATION - STORAGE/SETOUT: This is the score for the extent to which proper source separation was observed in storage, and at setout.

SETOUT AMOUNT: We do not score setout, because observations can be so variable depending on the day and time of observation. (This is ultimately the most telling observation if it can be made on a regular basis.)

SCORES by Location

LOCATION	OVERALL SCORE	REQUIRED RECYCLING	RECOMMENDATIONS
Classroom 1: Room #411	Good	mixed paper & cardboard	You have adequately set-up recycling bin(s) for mixed paper & cardboard in this location. Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard. Check your signs regularly and refresh as needed. It appears your students and staff are correctly using the recycling bin(s) for mixed paper & cardboard. Check bin(s) for contamination and provide regular reminders. The trash bin(s) were contaminated with recyclable materials. Instruct students and staff where to recycle mixed paper & cardboard, and metal, glass, plastic & cartons. Check bin(s) for contamination and provide regular reminders.
Classroom 2: Room #106	Good	mixed paper & cardboard	You have adequately set-up recycling bin(s) for mixed paper & cardboard in this location. Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard. Check your signs regularly and refresh as needed. It appears your students and staff are correctly using the recycling bin(s) for mixed paper & cardboard. Check bin(s) for contamination and provide regular reminders. It appears that your students and staff are not putting recyclables into the trash bin(s). Check bin(s) for contamination and provide regular reminders.
Classroom 3: Room #308	Good	mixed paper & cardboard	You have adequately set-up recycling bin(s) for mixed paper & cardboard in this location. Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard. Check your signs regularly and refresh as needed. It appears your students and staff are correctly using the recycling bin(s) for mixed paper & cardboard. Check bin(s) for contamination and provide regular reminders. It appears that your students and staff are not putting recyclables into the trash bin(s). Check bin(s) for contamination and provide regular reminders.
Office, Other 1: Parent Coordinator's Office	Good	mixed paper & cardboard	You have adequately set-up recycling bin(s) for mixed paper & cardboard in this location. Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard. Check your signs regularly and refresh as needed. It appears your students and staff are correctly using the recycling bin(s) for mixed paper & cardboard. Check bin(s) for contamination and provide regular reminders. It appears that your students and staff are not putting recyclables into the trash bin(s). Check bin(s) for contamination and provide regular reminders.
Office, Other 2: Principal's Office	Good	mixed paper & cardboard	You have adequately set-up recycling bin(s) for mixed paper & cardboard in this location. Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard. Check your signs regularly and refresh as needed. It appears your students and staff are correctly using the recycling bin(s) for mixed paper & cardboard. Check bin(s) for contamination and provide regular reminders. It appears that your students and staff are not putting recyclables into the trash bin(s). Check bin(s) for contamination and provide regular reminders.
Library:	Good	mixed paper & cardboard	You have adequately set-up recycling bin(s) for mixed paper & cardboard in this location. Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard. Check your signs regularly and refresh as needed. It appears your students and staff are correctly using the recycling bin(s) for mixed paper & cardboard. Check bin(s) for contamination and provide regular reminders. It appears that your students and staff are not putting recyclables into the trash bin(s). Check bin(s) for contamination and provide regular reminders.
Auditorium: Auditorium/ gymnasium	n/a	mixed paper & cardboard	This location was either not present in the school or was not able to be observed.

SCORES by Location

LOCATION	OVERALL SCORE	REQUIRED RECYCLING	RECOMMENDATIONS
Cafeteria	Good	beverage cartons, bottles, cans, metal & foil	This location had no recycling bin(s) for metal, glass, plastic & cartons, or they were inadequately set-up. Place an adequate number of recycling bin(s) for metal, glass, plastic & cartons in this location. Label every recycling bin with decals that explain through words and/or pictures what should go into that bin. Line all bin(s) for metal, glass, plastic & cartons with clear plastic bags. Pair recycling bin(s) with trash bin(s). Check your bin(s) regularly and refresh labels as needed. You have appropriate signage posted about where and how to recycle metal, glass, plastic & cartons. Check your signs regularly and refresh as needed. It appears that your students and staff are not putting recyclables into the trash bin(s). Check bin(s) for contamination and provide regular reminders.
Kitchen	Fair	corrugated cardboard, and beverage cartons, bottles, cans, metal & foil	This location had no recycling bin(s) for metal, glass, plastic & cartons, or they were inadequately set-up. Place an adequate number of recycling bin(s) for metal, glass, plastic & cartons in this location. Label every recycling bin with decals that explain through words and/or pictures what should go into that bin. Line all bin(s) for metal, glass, plastic & cartons with clear plastic bags. Pair recycling bin(s) with trash bin(s). Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing staff where and how to recycle corrugated cardboard, and where and how to recycle metal, glass, plastic & cartons. Post recycling information about where and how to recycle metal, glass, plastic & cartons. Post a sign indicating the designated area for cardboard. Check your signs regularly and refresh as needed. The recycling bin(s) for metal, glass, plastic & cartons were contaminated with the wrong materials. The corrugated cardboard in the designated area was not flattened. Instruct students and staff what should and should not go into the recycling bin(s) for mixed paper & cardboard and for metal, glass, plastic & cartons. Check bin(s) for contamination and provide regular reminders. It appears that your students and staff are not putting recyclables into the trash bin(s). Check bin(s) for contamination and provide regular reminders.
Office, Main	Good	mixed paper & cardboard, and beverage cartons, bottles, cans, metal & foil	You have adequately set-up recycling bin(s) for mixed paper & cardboard and for metal, glass, plastic & cartons in this location. Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard and where and how to recycle metal, glass, plastic & cartons. Check your signs regularly and refresh as needed. It appears that your students and staff are not putting recyclables into the trash bin(s). Check bin(s) for contamination and provide regular reminders.
Entrance/Lobby : Main Entrance	Good	mixed paper & cardboard, and beverage cartons, bottles, cans, metal & foil	You have adequately set-up recycling bin(s) for mixed paper & cardboard and for metal, glass, plastic & cartons in this location. Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard and where and how to recycle metal, glass, plastic & cartons. Check your signs regularly and refresh as needed.
Teacher Lounge	Good	mixed paper & cardboard, and beverage cartons, bottles, cans, metal & foil	You have adequately set-up recycling bin(s) for mixed paper & cardboard and for metal, glass, plastic & cartons in this location. Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard and where and how to recycle metal, glass, plastic & cartons. Check your signs regularly and refresh as needed. The recycling bin(s) for mixed paper & cardboard and for metal, glass, plastic & cartons were contaminated with the wrong materials. Instruct students and staff what should and should not go into the recycling bin(s) for mixed paper & cardboard and for metal, glass, plastic & cartons. Check bin(s) for contamination and provide regular reminders. The trash bin(s) were contaminated with recyclable materials. Instruct students and staff where to recycle mixed paper & cardboard, and metal, glass, plastic & cartons. Check bin(s) for contamination and provide regular reminders.

SCORES by Location

LOCATION	OVERALL SCORE	REQUIRED RECYCLING	RECOMMENDATIONS
Gymnasium: Auditorium/ gymnasium	Fair	mixed paper & cardboard, and beverage cartons, bottles, cans, metal & foil	This location had no recycling bin(s) for mixed paper & cardboard nor for metal, glass, plastic & cartons, or they were inadequately set-up. Place an adequate number of recycling bin(s) for mixed paper & cardboard, and for metal, glass, plastic & cartons in this location. Label every recycling bin with decals that explain through words and/or pictures what should go into that bin. Line all bin(s) for metal, glass, plastic & cartons with clear plastic bags. If you line your bin(s) for mixed paper & cardboard with bags, use clear plastic. Pair recycling bin(s) with trash bin(s). Check your bin(s) regularly and refresh labels as needed. This location had inadequate signage instructing students and staff where and how to recycle mixed paper & cardboard. Post recycling information about where and how to recycle mixed paper & cardboard and where and how to recycle metal, glass, plastic & cartons. Check your signs regularly and refresh as needed.
Hallway	n/a	mixed paper & cardboard, and beverage cartons, bottles, cans, metal & foil	This location was either not present in the school or was not able to be observed.
Storage Area: Refrigerated room	Good		It appears you are keeping bags of paper and cardboard clearly separate from bags of metal, glass, plastic & cartons, and clearly separate from the regular trash. This is essential to help the people who collect your recyclables and trash know which is which. Remember to only set out recyclables on designated recycling collection days, otherwise they will be collected as trash. Confirm your recycling collection day with DSNY. It appears that your recyclables are being kept separate from trash for collection. Check bags for contamination and provide regular reminders. It appears that your recyclables are being kept separate from trash for collection. Check bags for contamination and provide regular reminders.
Setout (Bags): MGP and garbage pick-up on Thurs	Good		It appears that your recyclables are being kept separate from trash for collection. Check bags for contamination and provide regular reminders.
Dumpsters / Compactors	n/a		This location was either not present in the school or was not able to be observed.