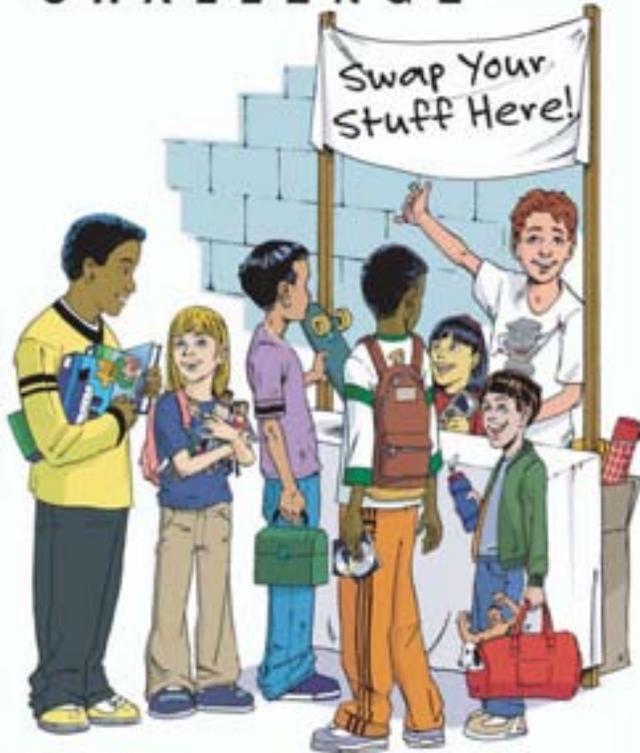


TrashMasters!-
REDUCE & REUSE
CHALLENGE



Elementary Division
Queens Borough
& Citywide Winner

**PS 50Q Talfourd Lawn
Elementary School**

NEW YORK CITY DEPARTMENT OF SANITATION

2010 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, 2010

Kindergarten Recycles



Public School 50 Queens
143-26 101 Avenue
Jamaica, New York 11435

Recycling Poem

Use it,



Re-use it,



Recycle and restore it.

Your help and my help

is all that nature needs.



Kindergarten Recycles



**Public School 50 Queens
143-26 101 Avenue
Jamaica, New York 11435**

Recycling

Composting

Our class realized that there was no place to put our leftover snack. We did not have a recycling pail for food, so we read, *Composting: Nature's Recyclers*, by Amazing Science Series, and decided to make our own compost bin. The worms would eat our leftover food. We have 75 Super Worms and they eat our bread, cookies, fruit and vegetables. We found that the worms do not like to eat garlic or bread with butter. They love carrots, oatmeal and bananas. In one week we had compost in the bottom bin.

New York Standards:

- S1a: Demonstrate understanding of objects and materials
- S1b: Demonstrate understanding of position and motion of objects
- S3c: Demonstrate understanding of changes in Earth and sky
- S4a: Demonstrate understanding of big ideas and unifying concepts



Recycling

Reusing

It is easy to say, "we want to reuse," but it is hard to think of how to reuse things. So we read, *Recycle! A Handbook for Kids*, by: Gail Gibbons, *The Adventures of a Plastic Bottle*, by: Alison Inches, *The Three R's: Reuse, Reduce, Recycle*, by: Nuria Roca, and *Why Should I Recycle?* by: Jen Green.

New York Standards:

- E3c: Participate in group and partner meetings
- E4a: Demonstrate a basic understanding of the rules of the English language in written and oral form
- E1a: Develop a controlling idea that conveys a perspective on the subject
- E1b: Participate in formal and informal book talks
-

We talked about what we needed in the class and then talked about how we could get what we needed by reusing what we already had and not buying new.

We had a problem with our crayons. The boxes were breaking, so we decided to cut our box drinks and use the box to hold the crayons. The boxes are even stronger than the crayon boxes because they have foil in them. We used the box drinks to clean our brushes when we painted and to hold fresh cut flowers.



Recycling

Reusing

We learned about the artist George Seurat. We read *Sunday with Seurat*, by Julie Merberg and Suzanne Bober. He painted pictures with tiny dots (Pointillism). We did not have enough markers for the whole class so we asked a restaurant to give us corks because the top of a cork is round like a dot, and we used them to paint the dots in our pictures. We filled our used water bottle caps with paint. No mess, no waste and we reused corks that were going to be thrown away.

New York Standards:

- E1a: Develops a controlling idea that conveys a perspective on the subject
- E1b: Participate in formal or informal book talks



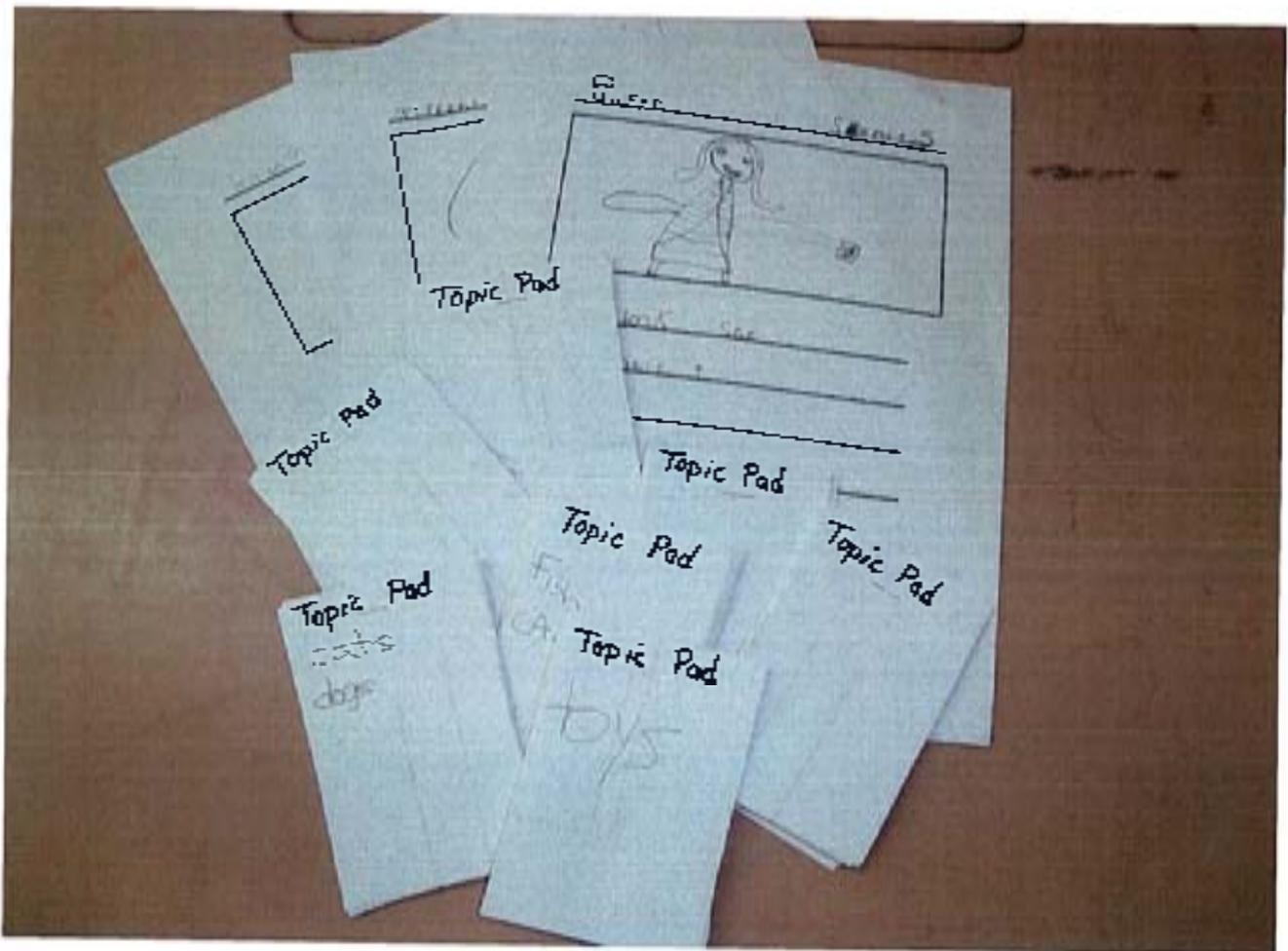
Recycling

Reusing

Teacher's College Poetry component of their reading program requires poets to have, "Topic Pads". These are little pads of paper that the children can carry around with them to jot down ideas for writing. Since we are focusing on Reducing-Reusing- Recycling, we decided to cut up our old stories and old homework sheets to make our Topic Pads. We looked over our old papers and cut up the ones we felt we no longer needed.

New York Standards:

- E3c: Participate in group and partner meetings
- E1a: Develop a controlling idea that conveys a perspective on the subject



Recycling

Letter to Congressman

We wrote letters to our Congressman Gregory W. Meeks. We told him what we are doing in our classroom to recycle, reuse and reduce our garbage and we asked him what he is doing to save the planet.

We asked him to write back to us with more ideas we could use in the classroom.

New York Standards:

- E3c: Participate in group and partner meetings
- E1a: Develop a controlling idea that conveys a perspective on the subject
- E2a: Develops a controlling idea that conveys a perspective on the subject
- E2b: Advances a judgment that is interpretive, analytic, evaluative or reflective
- E4a: The student demonstrates a basic understanding of the rules of the English language ...



Date April 21, 2016

Congressman Gregory W. Meeks

Address 2342 Hob

Washington, DC 20515-3603

Dear Mr. Meeks

I am in Kindergarten and I am writing to you about recycling. I am worried that there

our garbage is killing the air.
No bill

~~We can do more to recycle and reduce the garbage in our town~~

~~We can do more to recycle and reduce the garbage in our town~~

~~We can do more to recycle and reduce the garbage in our town~~

~~We can do more to recycle and reduce the garbage in our town~~

~~We can do more to recycle and reduce the garbage in our town~~

~~We can do more to recycle and reduce the garbage in our town~~

~~We can do more to recycle and reduce the garbage in our town~~

Thank you

Recycling - Reusing

Rain Sticks

We read, *How Do You Know It's Spring?* A Rookie Read About Science Series.

It's Spring, by Linda Glaser, *Down Comes the Rain*. A Let's-Read-and-Find-Out Science, by F. M. Branley and *What Will the Weather Be?* By Lynda Dewitt.

We learned that springtime brings lots of rain. We talked about what would sound like rain. We experimented with rice, beans, marbles and rocks. We discovered that rice sounded more like rain than the other things when it was dropped on the table. We made Rain Sticks to make the sound of rain falling on our building. We used old paper towel tubes, foil and rice. It was fun. We asked our family to guess what was inside that made the sound of rain.

New York Standards:

- E3c: Participate in group and partner meetings
- E1a: Develop a controlling idea that conveys a perspective on the subject
- E1b: Participate in formal or formal book talks



Recycling

Reusing

We reused our water and juice caps to make Tic-Tac-Toe games. It was a lot of fun and we got to take them home to play with our families.

New York Standards:

- M1e: Solve problems by showing relationship between and among figures



We wrote sight words on water, juice and bottle caps. We used the caps to make up sentences and practice our sight words.

New York Standards:

- E3c: uses (produced) notes or other memory aids to structure the presentation



Review

Review

We made cards in our class. We moved to a new school. We made flowers out of paper and paper towel rolls. We painted the rolls and then we made them into cards. Then we made 10 flowers out of the glass.

New York Standards

- ELA: The student demonstrates a basic understanding of the rules of the English language ...



Recycling – Reusing

Measuring

We read, *Inch by Inch*, by Leo Lionni. We measured our table and things around our room using paper towel and toilet paper rolls as a non-standard unit of measure.

New York Standards:

- **MA:** Collect and organize data to answer a question
- **MD:** Display data
- **MC:** Make statements and draw simple conclusions based on data
- **ME:** Conclusion
- **MF:** Measure accurately



Recycling – Reusing

Sharing

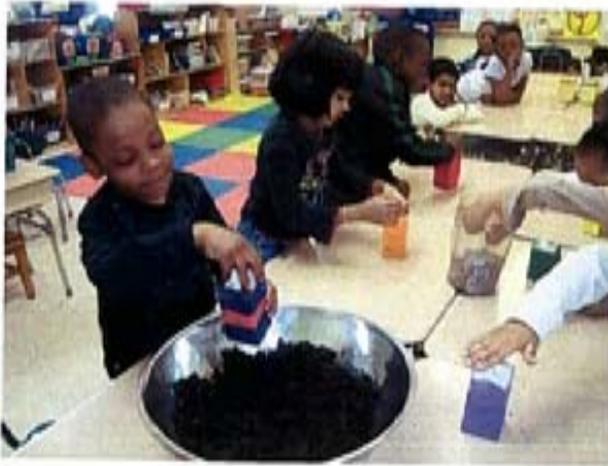
We donated our milk cartons to the Preschool of America in Queens. They needed milk cartons to make Mother's Day gifts and a recycle village. You can see the teacher is very happy.



Recycling
Reusing

Acts of Kindness

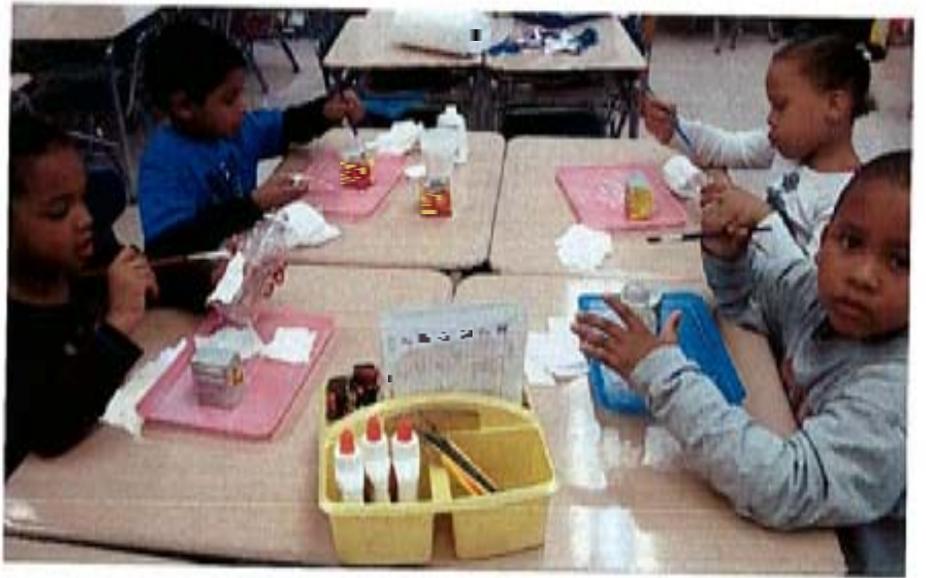
We planted marigold seeds in empty milk cartons. When the flowers grew, we gave them to the people in the nursing home in our neighborhood. They were very happy and so were we.



Recycling

Reusing

We are reusing our water bottles to make Mother's Day vases. We glued paper towels and news paper in the bottles. When the bottles dry we will paint pretty pictures on them. The bottles will make beautiful vases. Our moms and grandmothers will be so happy.



Journal Entries

Every day we write in our recycling and composting journal. We write about the changes we see in the compost bin and we write about the things we recycle, reuse and reduce.

New York Standards:

- **E2a: Produce a report of information**



Our
Compost
Journal

Day 1

gave worm to eat
our snack. The worms
did not eat the carrots
by the afternoon

Day 2 We gave the
worms carrots paper. they
did not like the grapes and
the watermelon.

Day 3

We gave ~~the worm~~ ~~ms~~ ~~gave~~
the worms apple and banana peel
bread and butter

1 yod

• ~~Orange skin powder~~

Orange skin powder

Garlic and onion

Day 4

The worms love bread

They don't

like garlic

2 yod

Day 5

The worms do not like bread with butter.

Day 6

We ~~===~~ compost.

Day 7

On Friday we give them extra food. We bring some food back from lunch.

Day 8

Three worms died

Day 9

We gave the worms popcorn. They do not like it. They do not like the salt. They eat all the oatmeal.

Our
Recycling
Journal

Recycling Journal

Km-11

Day 1

We reuse juice box. We put crayons in the box.

Day 2

We put water in the juice box for the flower.

Day 3

We use hot tops to
play Tick Tak Tow.

Day 4

We made rain sticks
from paper rolls.

Day 5

We put words on
cards. ← words

ed s re a

Day 6

~~we made~~ We made FLOWERS

with paper towel roll.

Recycling,

I Wonder What We Can Do With This.



To Be Continued...