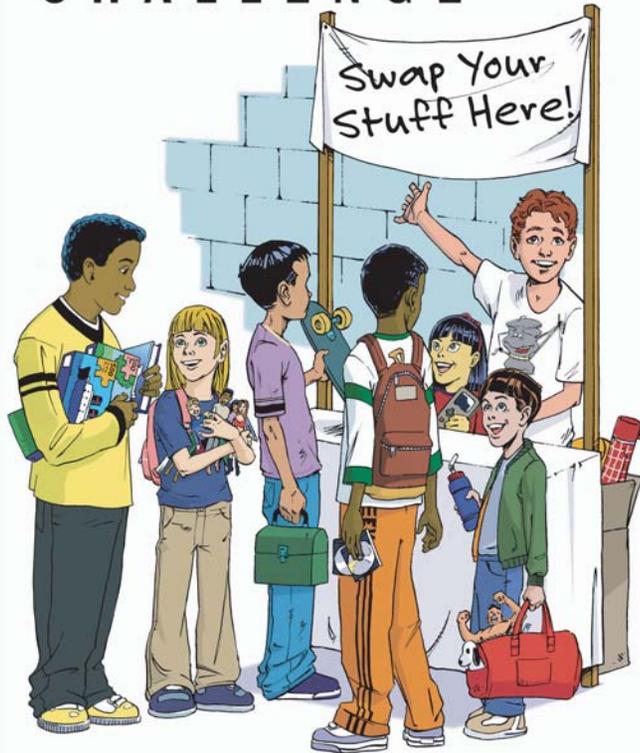


TrashMasters!™
REDUCE & REUSE
CHALLENGE



Elementary Division
Queens Borough
Runner-Up

**Our Lady of
Perpetual Help 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

Dear Mrs. DeLuca, Faculty, and Students,

This year the Aquinas Program is conducting a project and learning about recycling. Therefore we would like your help in creating a wonderful project that the whole school can participate in. We would like to let you know that the steps that we take, no matter how small, could have a positive impact on the environment.

The Aquinas Program asks the teachers and students if they can please save broken crayons, scrap paper, candy sale boxes, and other recyclable materials. The Aquinas members will be coming around the school to collect these items within the next few weeks. Remember, if you are giving in crayons, they **MUST** have a wrapper and be made in the United States. While we are in your classroom, we will be talking to the class about recycling and why it is important. We will also be labeling your garbage cans with signs indicating the different groups that garbage should be divided into.

The Aquinas Program is looking forward to working with our school to accomplish our goal to make our school environmental friendly.

Sincerely,

The Aquinas Program

Approved: Mrs. Frances DeLuca
3/1/10

Why Recycling is Important and How We Can Help?

Why is recycling important? Well, if we recycle our plastics, metals, and papers, we can reduce the amount of resources we are using. Some countries on our Earth have been taking advantage of these resources and others. What they do not seem to understand is that the more we take is the more that we lose.

There are many ways that we can help in keeping more of these resources. We can help by starting right in our homes. Say if you are printing paper or have used paper that do not have much important writing on it, you can use that paper as scrap paper instead of taking a whole new page. You can also save boxes that contained material that is no longer in it and use them for later school projects, or just to use to keep your files.

Another step to make a change would be to recycling, reusing, and reducing in schools. An example of reducing would be writing on the back of a piece of loose leaf. This would reduce the amount of loose leaf paper you are using because, rather than using a whole other sheet you would be writing on the same page. We can also label the garbage bins of each classroom by separating the paper, metals, and regular garbage in different bins. Teachers can help by teach their students about the things that belong in each bin, and making sure that they and their students recycle the right things.

All of these steps for recycling are can be very essential to the environment around us. If we follow through with ideas for recycling we can increase our chances of a healthier world, for all of its living things. One small thing that we recycle each day can make our Earth a better place.

Our recycling program is all about saving the environment and making it cleaner and safer. With this program, our school is becoming more aware of how to reduce, reuse, and recycle. We used posters and a recycle sign language to help teach our school the three R's. Our recycling club used the three R's to help teach our school the importance of our impacts to the environment.

Recycling is the main key to making our school efficient. Our school recycles the basics, paper and plastic. Our recycling club recycled paper by using left over notices to make scratch pads for students and teachers, and recycled bottles to save money for those who are poor. Our school recycled crayons. The crayons are sent to the Crazy Crayon Company to be made into different shaped crayons. Our recycling club also recycled lint to grow mulch plants in the school yard! We reduced school supplies such as paper, and reused materials to create fun, interactive crafts and games for the younger classes. Our recycling club created sorting cases out of chocolate boxes from fundraisers. We created a solar oven which proved that not just electricity can make our lives easier. We invented a game, Recycle Ball, which was made out of small bottles. Hangers were taken apart and the cardboard part was used as a stick to hold signs, flags, and puppets. A farm was created out of boxes and plastic bottles. The farm animals were made out of toilet paper rolls.

Our recycling program taught us to become more aware of what we use and how we can reuse it again. It doesn't just mean to throw things out that you don't use but use it to make even bigger things! Our energy footprint calculator helped show how big of an impact we are making on the environment. We should realize that the three R's help to make the environment we live in more clean and safe.

-Reah Rajmangal

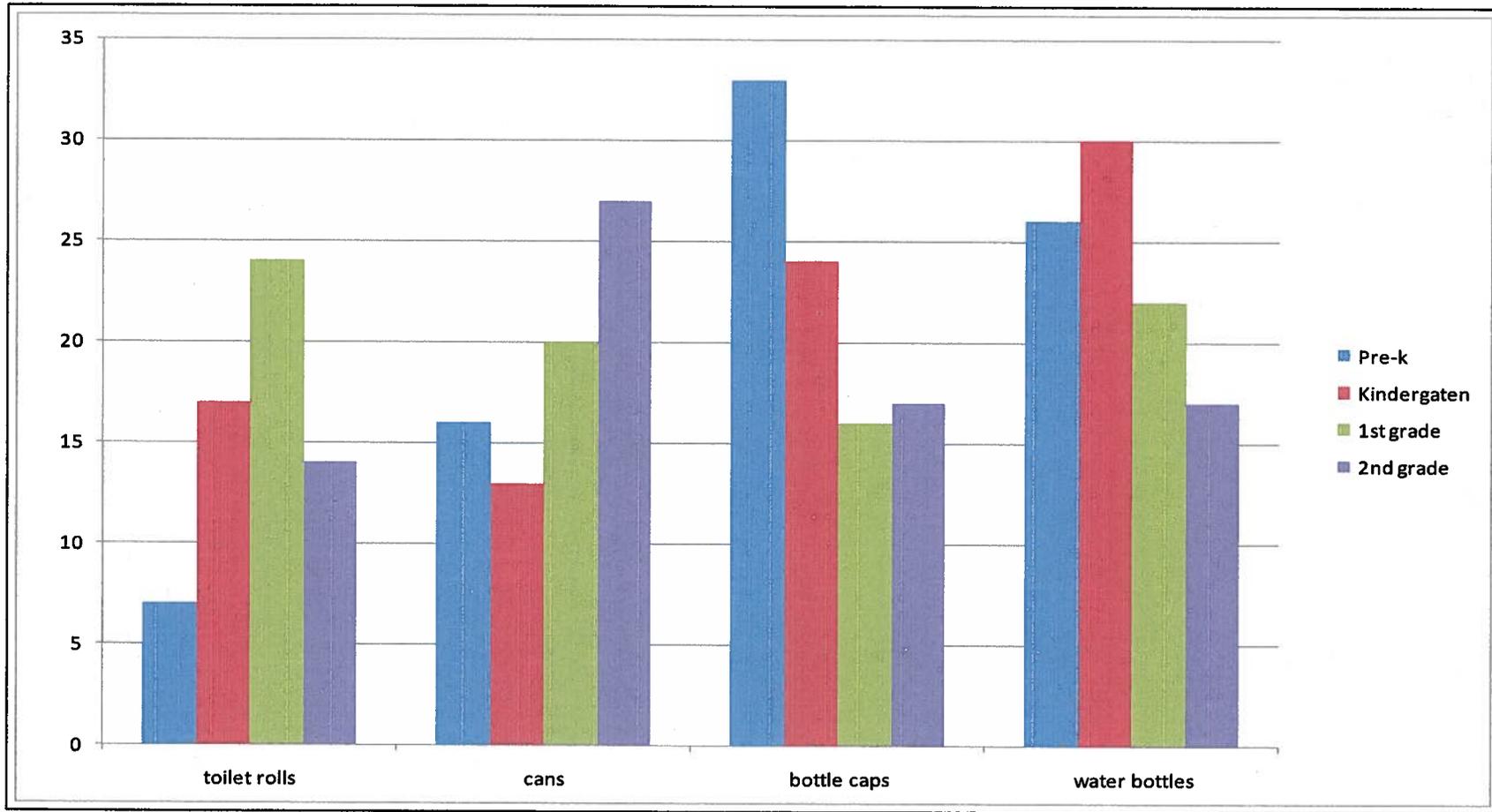
Recycling Awareness

Here at OLPH, we are doing everything possible to make our school aware of environmental problems. In fact, we are taking action. One major way is through recycling. At school, we have made sure everyone takes part in recycling-both students and teachers. For example, we recently have collected chocolate boxes from our fundraiser. We will use the chocolate boxes to create sorting centers for the lower grades. Not only that, but we have used recycled materials to create games and crafts. One of our crafts was making a farm out of cardboard boxes.

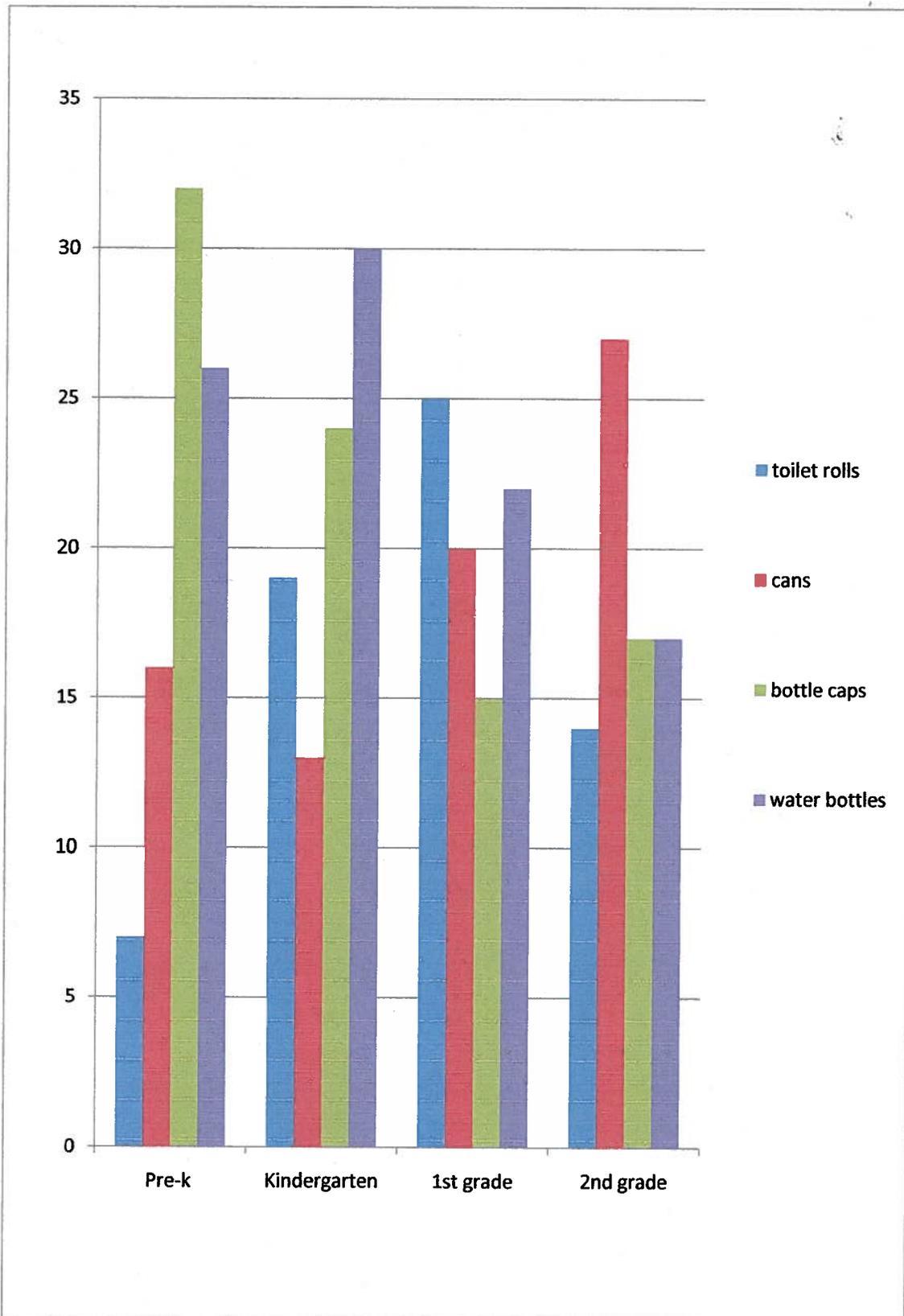
We have started a program in our school where we collect old crayons and send them off to a company that recycles the crayons. The crayons are collected in empty baby wipes containers. In Our Lady Of Perpetual Help, we're not only recycling, but also promoting it. During this period of time, we have written poems and songs that encourage the three Rs-reduce, reuse, and recycle. Furthermore, we learned the signs for reduce, reuse, and recycle in sign language. We will be teaching that to the lower grades, ourselves. All in all we at OLPH are doing our part to help the environment.

Giselle Cornejo

Recycled Items

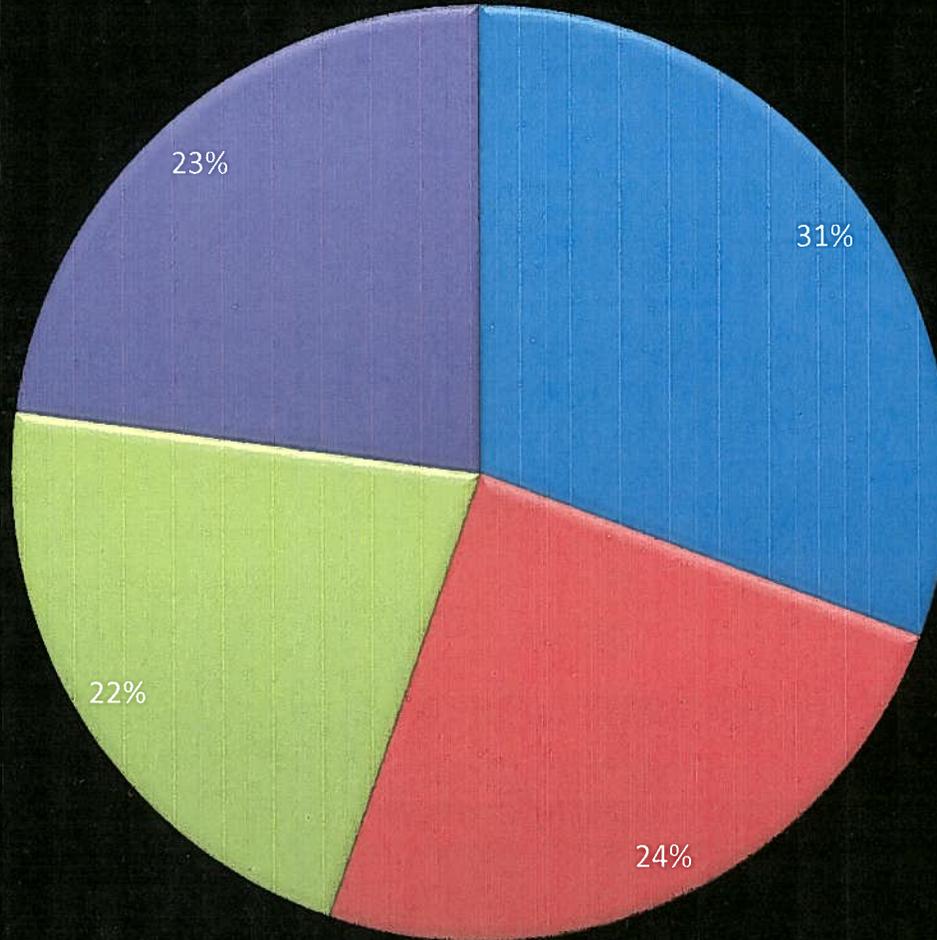


Recycled Items

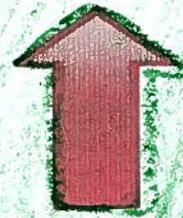


number of crayons each class recycles

■ Pre-k ■ kindergaten ■ 1st grade ■ 2nd grade



O.L.P.H. is recycling!



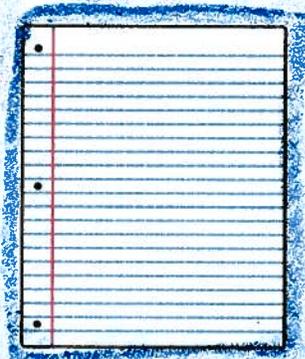
In this bin goes:



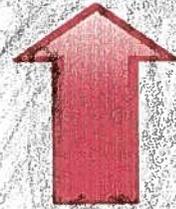
O.L.P.H. is recycling!



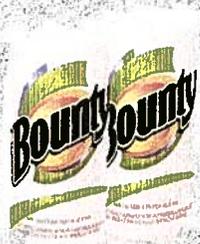
In this bin goes:



O.L.P.H. is recycling!



In this bin goes:



And everything else!

😊.L.P.H. is going GREEN!

Reduce



Recycle

Reuse

We're
making our
School environment
cleaner & healthier!

One small
step can lead
to a big
Change!

Crayon Recycling

Crayon Recycling

The teachers helped the students recycle crayons.
We will send the used crayons to Crayola.





REUSE !!



Creativity



Recycle !!

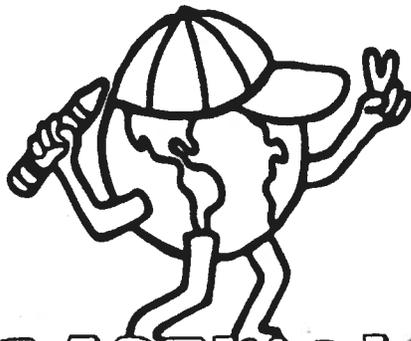
USE

★ Broken and Unworked Crayons



Reuse



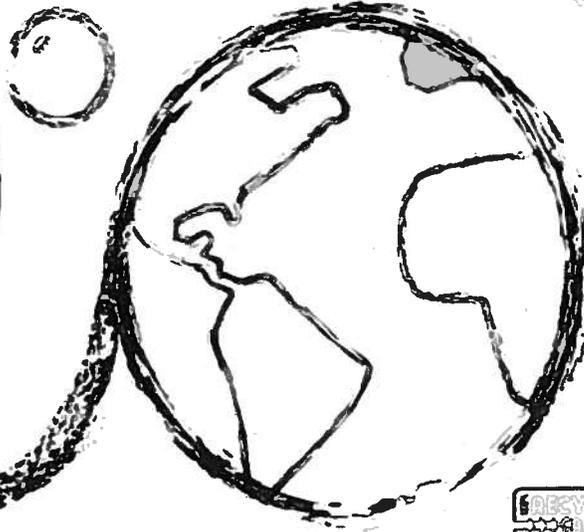


CRAZY CRAYONS LLC
SINCE 1993

1-800-561-0922 • CRAZYCRAYONS.COM • EARTHLINGCRAYONS.COM
RECYCLING TOGETHER WITH



**EARTHLING
SAYS: COLOR ME
A CLEAN EARTH!**



EARTHLING
says,
"Color me a
clean Earth!"

© **CRAZY CRAYONS** LLC

Since 1993

1-800-561-0922

www.crazycrayons.com

Recycling together with:

Name _____

**CRAZY
CRAYONS** TM
HANDCRAFTED
WITH 100%
RECYCLED
CRAYONS



Crayon Recycling

Crayon Recycling

Our Lady of Perpetual is participating in a crayon recycling Program. Please follow the simple rules of collecting crayons to make this program successful. Thank You!!

- All broken or unwanted crayons will be accepted but the Crazy Crayon Company will ONLY use crayons Made in the USA to make recycled crafts.**
- If possible, leave the crayon wrappers on because it is hard for the Crazy Crayon Company to sort crayon colors like black, blue, and purple without wrappers**

Stencils are made from recycled boxes.



Helping Out—The Three Rs

Summarize how each of us can help make Earth a cleaner place to live with these three words—reduce, recycle, and reuse. Explain each of these terms to students, giving a few examples of each. Then teach youngsters the hand motion shown for each term. Invite them to sing this song, performing the hand motions each time the three Rs are mentioned.

Reduce, Recycle, Reuse

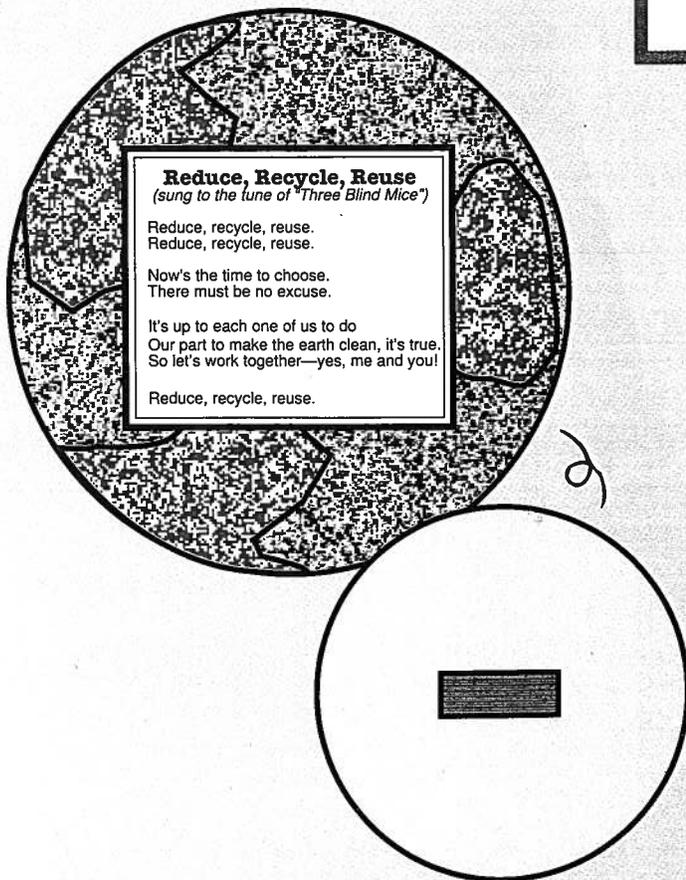
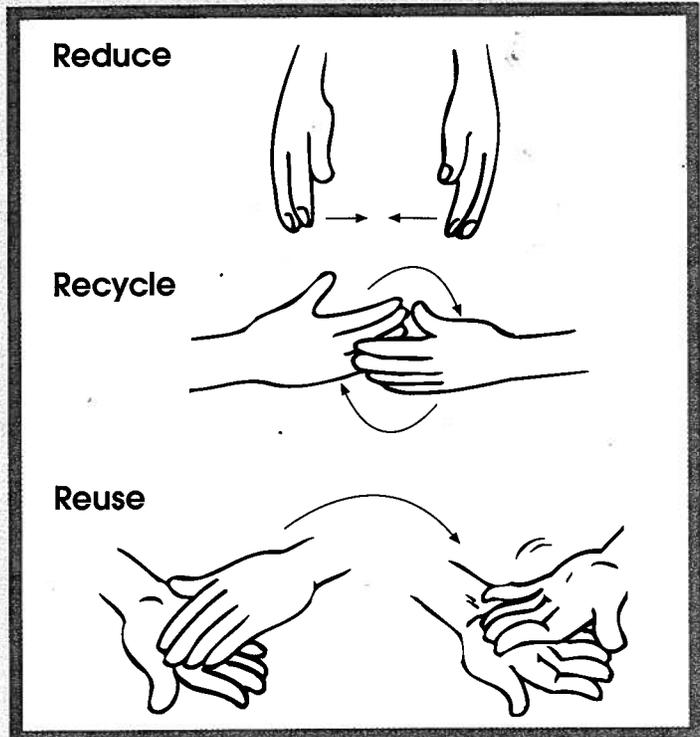
(sung to the tune of "Three Blind Mice")

Reduce, recycle, reuse.
Reduce, recycle, reuse.

Now's the time to choose.
There must be no excuse.

It's up to each one of us to do
Our part to make the Earth clean, it's true.
So let's work together—yes, me and you!

Reduce, recycle, reuse.



Earth-Friendly Families

Attract and hold the attention of your students and their families with these child-made magnetic reminders to participate in Earth-friendly activities. In advance duplicate the Earth pattern on page 72 on tagboard for each student. Also duplicate the song pattern on page 73 and the family letter on page 74 for each child. To make a magnet, have each child cut out his Earth and song patterns. Have him sponge-paint the Earth cutout with blue and green tempera paint. After the paint dries, instruct the child to glue the song onto his Earth cutout. Attach a strip of magnetic tape to the back of each child's cutout. Read a copy of the family letter to students; then have each child take home a copy of the letter with his magnet. Encourage youngsters to teach their families the song and to remind them to do their part in making our Earth clean.

Recycling Haikus

Recycling Program

Recycling is our thing

We do the three R's

-Zackary Rodriguez

Cans in the blue bin

Regular trash in the gray

Paper in the green

-Kirsten Webb

As a citizen,

We must have respect for Earth.

Love Mother Nature!

-Reah Rajmangal

Reduce, Reuse, Recycle

By: Christina Louder

Reduce, reuse, and recycle,
It's the least we can do!
To help Planet Earth,
Because it helps us too,
By giving us crops and water to drink.
What can we do?
Let's think, think, and think!

The world is sad and blue,
But most people don't have a clue.
We can team up together.

Come on!

Let's make the world better!

Save the Earth

By: Reah Rajmangal

We love the Earth.

We love the planet.

We need to find a way

To make it feel better.

We'll show our world

How much she means to us.

We'll change our world

By reduce, recycling, and reusing.

We love the Earth.

We love the planet.

We need to find a way

To make it feel better.

Let's go green

By protecting and respecting our earth

And if we don't respect her,

Our world will feel so bad

We got to make a difference

And make an effect!

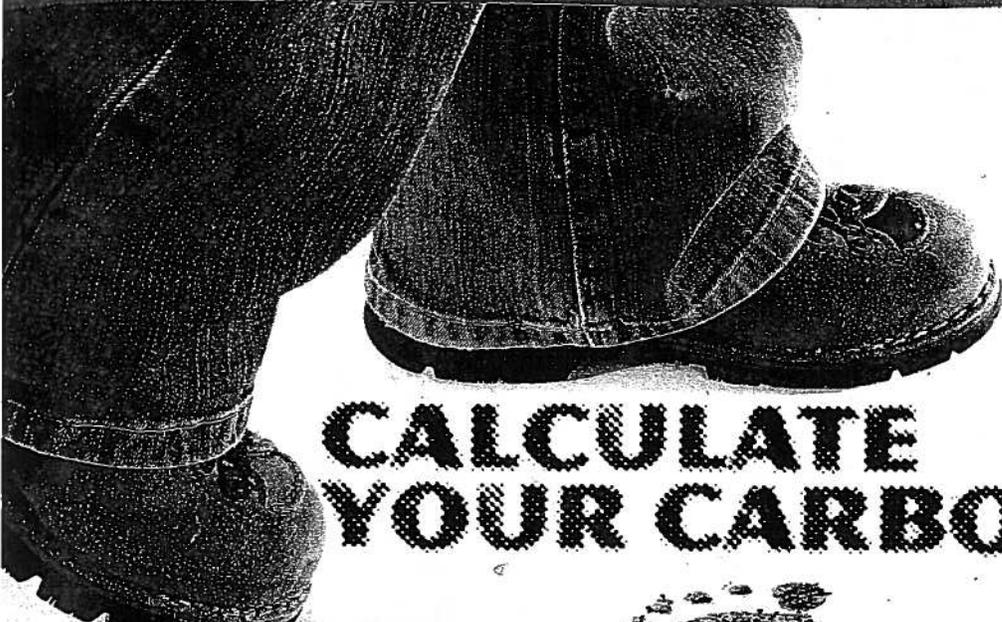
We love the Earth.

We love the planet.

We need to find a way

To make it feel better.

Tune: "We are the World"



34

CALCULATE YOUR CARBON

To calculate your carbon footprint, try one of these sites:

www.carbonfootprint.com

www.nature.org

[www.climatecrisis.net/
takeaction/carboncalculator](http://www.climatecrisis.net/takeaction/carboncalculator)



You know your shoe size, but do you know the size of your carbon footprint? A carbon footprint measures how much greenhouse gas is released into the environment based on how you live. Simple, everyday actions, such as being driven to school or washing your clothes will have an impact on the environment. The trick is to try to make that impact as minimal as possible. In other words, make a lighter footprint. You can find out what your family's footprint looks like by going to one of the many online carbon calculators and filling in the details about your life— if your family has a car, what kind is it? How big is your home and what kind of energy do you use for it? When you go on vacation, how do you travel and where do you go? You'll get a better idea of how your actions can contribute to global warming and find ideas on how you can tread more lightly.



55

Eco- Footprint Calculator

Me

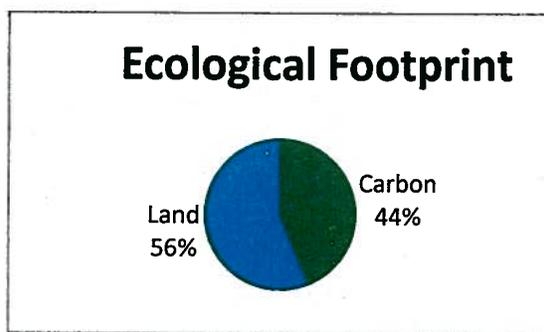
American Average

Carbon		
Transportation	0	5.7
What you eat	2.5	1.5
Home and school	2.1	1.3
What you use	0.9	0.7
What's thrown away	0.8	0.6
Carbon Footprint	6.3	9.8

Land		
Transportation	0	0.2
What you eat	1.7	1.7
Home and school	0.1	0.3
What you use	0	0
What's thrown away	0	0
Land Footprint	1.8	2.2

Trees		
Transportation	0	0
What you eat	0	2
Home and school	0.1	0.1
What you use	0	2.1
What's thrown away	0	0
Tree Footprint	0.1	4.2

Water		
Transportation	0	0
What you eat	1521.4	1459.4
Home and school	82.2	216.9
What you use	15	100.8
What's thrown away	72.8	100.8
Carbon Footprint	1691.4	1877.9



By: Reah Rajmangal

MY CARBON FOOTPRINT

ME

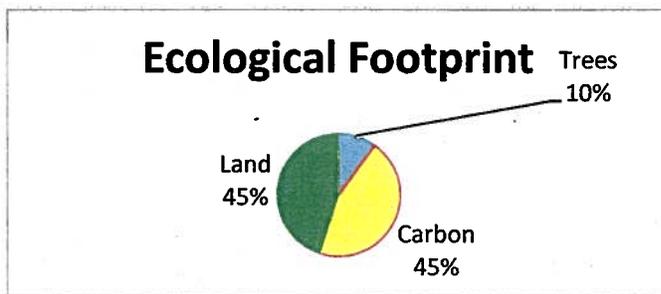
Average American

Carbon		
Transportation	3.4	5.7
What you eat	2.7	1.5
Home and school	1.5	1.3
What you use	0.2	0.7
What you throw away	2.6	0.6
Carbon footprint	10.4	9.8

Land		
Transportation	0.1	0.2
What you eat	1.7	1.7
Home and school	0.1	0.1
What you use	0	0
What you throw away	0	0
Land footprint	1.9	2.2

Trees		
Transportation	0	0
What you eat	2.7	2
Home and school	0.1	0.1
What you use	0	2.1
What you throw away	0	0
Tree footprint	2.8	2.8

Water		
Transportation	0	0
What you eat	1526.4	1459.4
Home and school	115.7	216.9
What you use	1.2	100.8
What you throw away	62	100.8
Water footprint	1705.3	1877.9



By- Zackary Rodriguez

Eco- Footprint

Me

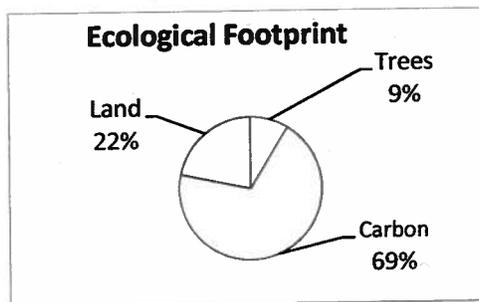
American Average

Carbon		
Transportation	3.8	5.7
What's Eaten	1.7	1.5
Home & School	1.8	1.3
What's Used	0.8	0.7
What's Thrown Away	1.4	0.6
Carbon Footprint	9.5	9.8

Land		
Transportation	0.1	0.2
What's Eaten	0.4	1.7
Home & School	0.1	0.3
What's Used	0	0
What's Thrown Away	0	0
Land Footprint	0.6	2.2

Trees		
Transportation	0	0
What's Eaten	1.3	2
Home & School	0.1	0.1
What's Used	0.2	2.1
What's Thrown Away	0	0
Tree Footprint	1.6	4.2

Water		
Transportation	0	0
What's Eaten	827.3	1459.4
Home & School	91.6	216.9
What's Used	12.1	100.8
What's Thrown Away	18.3	108.8
Water Footprint	949.3	1877.9



By: Giselle Cornejo

An Interview with Mr. Ken Teti

Our Lady of Perpetual Help's Plant Manager

Interviewer: How did you start this school's recycling program?

Mr. Teti: *When the school started this 15 years ago, we recycled light bulbs, paper, batteries, and computers.*

Interviewer: Why did you start this program?

Mr. Teti: *To make the Earth a better place to live, and to stop greenhouse gasses, we all have to participate to save our world. Plants giving off things and houses giving off gasses have caused seasons to change.*

Interviewer: Is this program effective?

Mr. Teti: *Yes. Any little thing that anyone does is effective. We need more volunteers and people who care.*

Interviewer: Do you run this program by yourself?

Mr. Teti: *No. All of the teachers help. They are responsible for having the class put the garbage into the right bins.*

Interviewer: Why do you think recycling in schools is an important issue?

Mr. Teti: *Schools and businesses have a greater responsibility than a regular household. In this school there are 609 children. A typical city block there are only 26 houses, our school with 609 children will be more effective in a recycling program.*

Interviewer: What does the school's recycling program consist of?

Mr. Teti: *On each floor there are organized recycle bins. Second and third floor has paper and garbage, while the first floor has three. The first floor children eat lunch in their classrooms- that is why they have three bins.*

OUR LADY OF PERPETUAL HELP SCHOOL

Reduce Reuse Recycle



GO GREEN



*"I am the vine,
you are the branches"*





Coffee cans were covered and decorated as centerpieces.

Crafts are made from recycled toilet paper rolls.



Crafts are made from old Christmas cards and styrofoam lunch trays.



Our students use lunch boxes instead of paper or plastic bags. These are reusable.

