



**Written by Ms. Rimany's First Graders at
Alice B. Beal Magnet School:
An Expeditionary Learning School**

Recycle

**Created by First Grade Students at
Alice B. Beal Magnet School:
An Expeditionary Learning School**

This book was created by Ms. Rimany's first grade class as a part of their Recycling Expedition. The class studied how the Beal community can reuse, reduce and recycle, the reasons why we want to contribute to these efforts. They also studied the effects on all living things when we don't recycle. As a part of this in-depth study students visited field work sites including Bondi's Island, the MRF and a local CSA farm to learn about what kinds of things they can do to make a difference. Room 2 students would like to thank everyone that helped make this learning expedition a success.

They would like to dedicate this book to the people in our Beal community who helped them complete this study: Ms. Rimany, Mr. Fitzpatrick, Mrs. Russo, Mrs. DeMaio, Mrs. Casineau, and Ms. Brown.

Our recycling experts are Liany, Azuka, Luis, Vincent, Jaclyn, Julia, Zachary, Klodia, Tristan, Hannah, Clevaughn, Aliser, Alessandro, Jasiah.

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Julia and Tristan)**

All Trash Pictograph

Reduce (Alessandro, Aliser, Clevaughn, Klodia, and Zachary)

Reuse (Azuka, Hannah, Jasiah, Julia, and Tristan)

Recycle (Jaclyn, Liany, Luis, and Vincent)

Recycling Protocol

Investigating Beal's Trash

We wanted to find out how much waste we make at school. We looked at six areas of the school to see how much we throw away in one week. We collected the trash for 5 days and recorded our data on bar graphs.

We then put all of our bar graphs together to show our results to the school. We put a large pictograph in the school gym/cafeteria. We discovered that a lot of things that we throw away could be recycled.

The week we collected trash, we counted a total of 129 bags of garbage! If our school year is 36 weeks long, do you know how many bags of garbage that would be? (That's about 4,650 bags of garbage in one school year!)

We made suggestions to show how we can make less trash at school.

Breakfast Trash 2007



We collected 14 bags of trash in 5 days. Please eat more of your food. Don't throw it away. Try to drink all of your milk. We hope some day we can get trays, forks, and spoons that we can wash and reuse.

Bags of Trash Collected From Breakfast

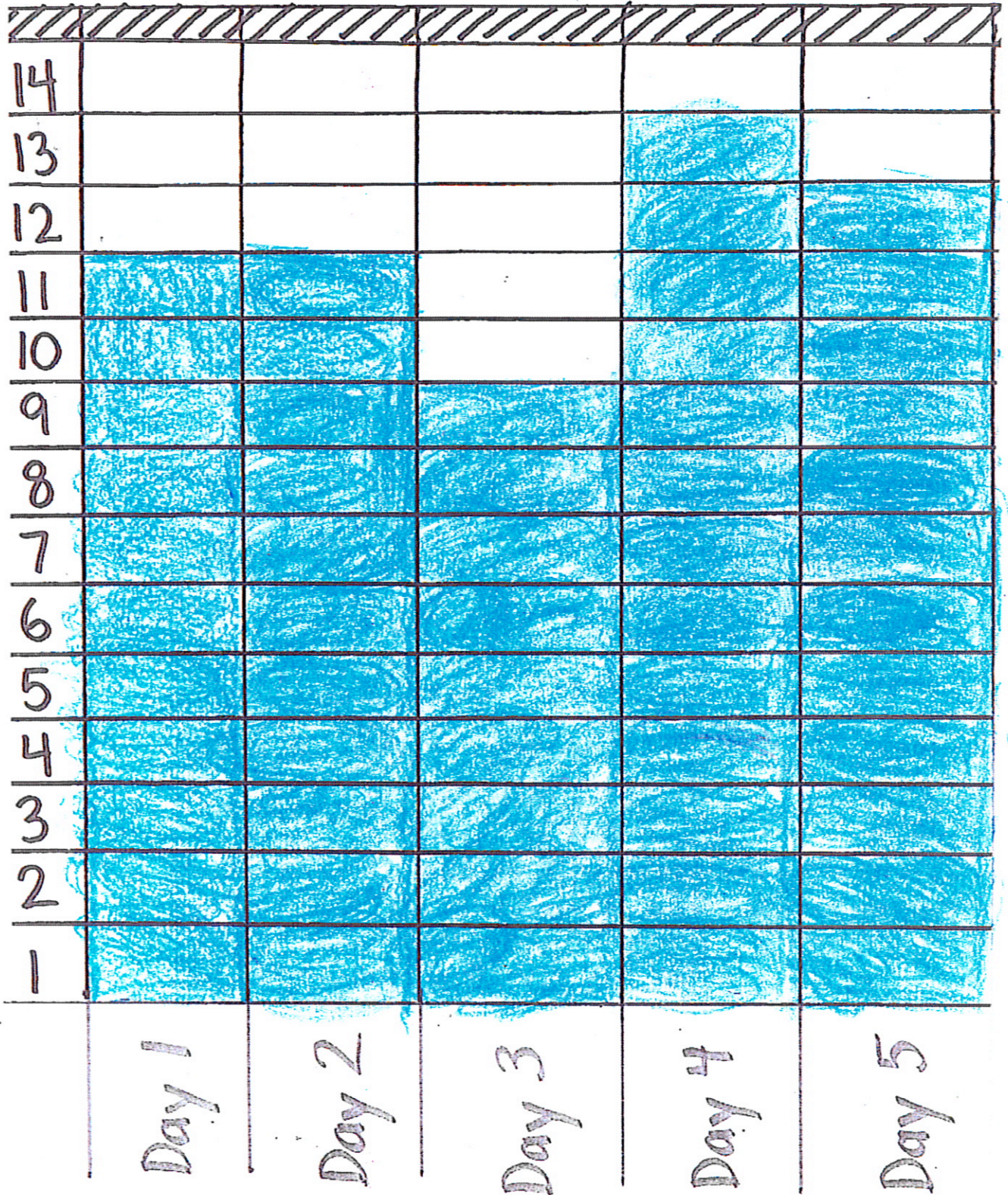
	Day 1	Day 2	Day 3	Day 4	Day 5
14					
13					
12					
11					
10					
9					
8					
7					
6					
5					
4					
3	1	1	1	1	1
2	1	1	1	1	1
1	1	1	1	1	1

Lunch Trash 2007



We collected 56 bags of trash in one school week. Try to eat all of your food so you won't waste it. Try to drink all of your milk. Some day we hope we can stop using Styrofoam trays. Maybe we can use plastic trays that can be reused.

Bags of Trash Collected From Lunch



Classroom Trash 2007




We collected 17 bags of trash in 5 days. People can recycle paper in the blue recycling bin. Think before you throw it away. Can you use it for something else?

Bags of Trash Collected From classroom

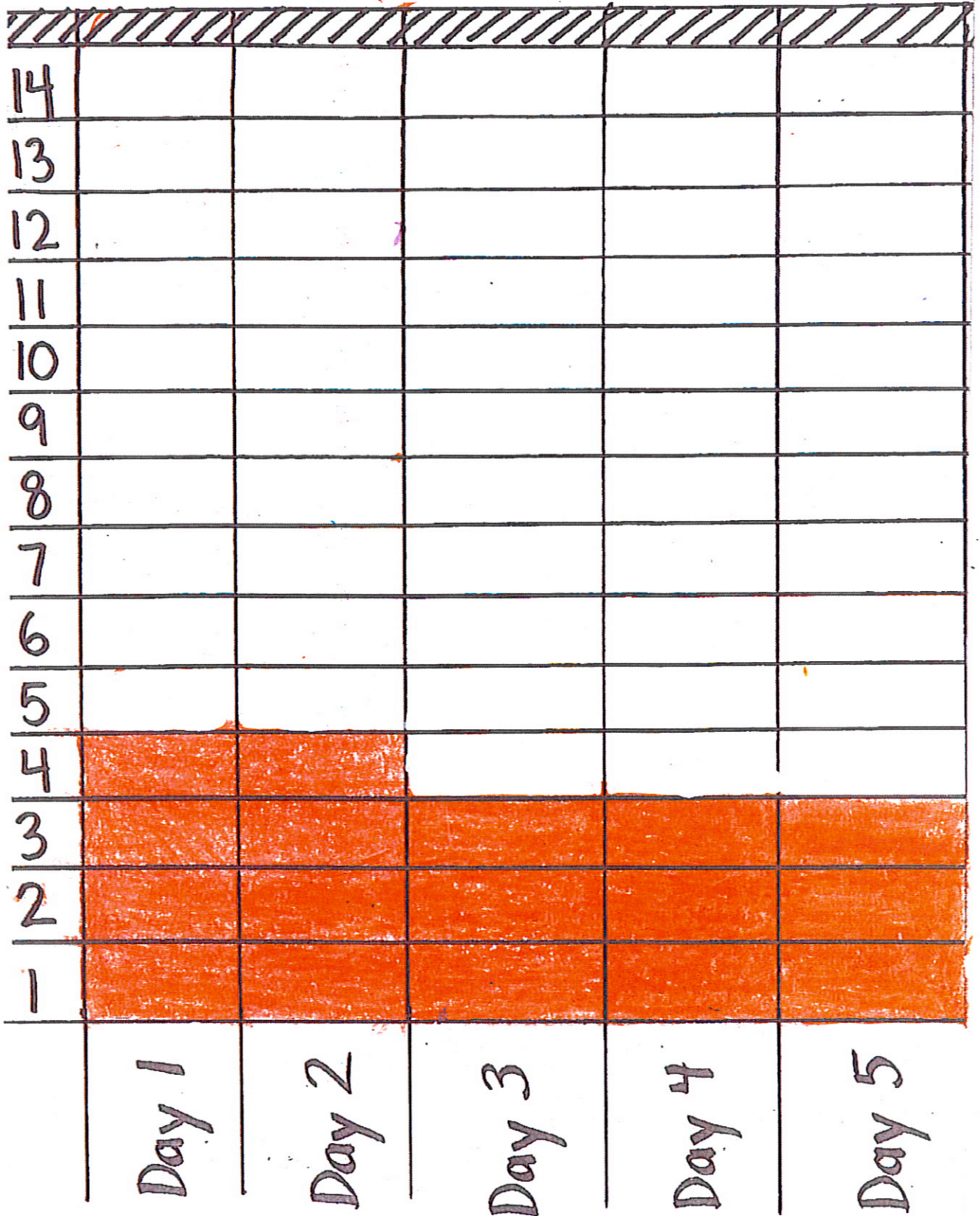
	Day 1	Day 2	Day 3	Day 4	Day 5
14					
13					
12					
11					
10					
9					
8					
7					
6					
5				1	
4				1	
3	1	1	1	1	1
2	1	1	1	1	1
1	1	1	1	1	1

Bathroom Trash 2007



We collected 17 bags of trash in 5 days. After you wash your hands shake off the extra water and then you need just one paper towel. PLEASE only one paper towel so we can make less trash. Thank you. 

Bags of Trash Collected From bath rooms

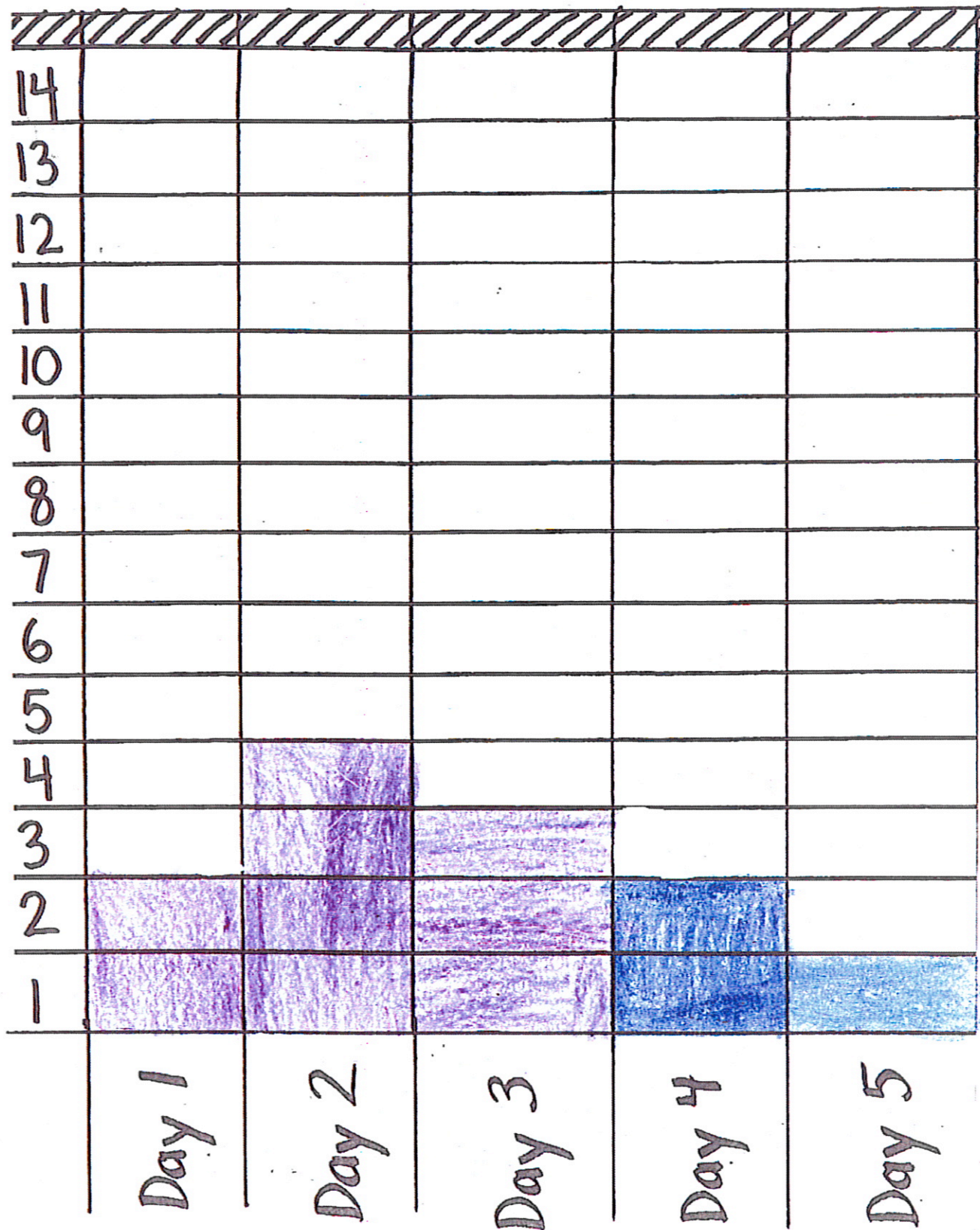


Kitchen Trash 2007



We collected 12 bags of trash in 5 days. The kitchen staff could recycle the metal cans and tin foil. Maybe they can reuse the cans for a piggy bank.

Bags of Trash Collected From Kitchen



Other Trash 2007



We collected 13 bags of trash from the staff room, office, and photocopier area in 5 days. Teachers can reuse containers for their lunches. Teachers **PLEASE** photocopy on both sides of the paper. Recycle paper in the blue recycle bin.

Bags of Trash Collected From Others

	Day 1	Day 2	Day 3	Day 4	Day 5
14					
13					
12					
11					
10					
9					
8					
7					
6					
5					
4					
3					
2					
1					



Wow! There are 129 bags of trash in all. That is an enormous amount of trash. We will show you ways we can make less trash at school.

Reduce

A good way to take care of the earth ...



Copy both sides
of paper

Save electricity

Reduce means to
use less

Use less paper

Use cloth bags

Turn off water
when you're not
using it

Save bags from
the grocery
store and use
them again



Hi, I am Zachary. My word is reduce. Turn lights off when you leave the room. Reduce means to use less. When you turn lights off you use less electricity.



You could turn off the water when you are soaping your hands. It can save a lot of water. At home you could save water when you are brushing your teeth. Turn off the water when brushing your teeth



You can use less paper by using white boards. White boards can be used by everyone in the whole school. Examples: spelling practice, lessons and morning meeting.



Teachers PLEASE photocopy on both sides of the paper so we save trees. That means we use less paper. Students PLEASE write and draw on both sides of the paper.



Reduce means that you use less. These pictures shows people how to use less paper towels. The way people could use less paper towels is by shaking the water off their hands.



If you take only ONE paper towel you will save trees because paper towels come from trees.



Reuse

A good way to take care of the earth is by reusing lots of things like cans, bottles, and yogurt containers for planting.

We can reuse back sides of paper to do word sorts, draw pictures about your expeditions, and writing.





Hi, I'm Tristan. I've decided to REUSE a tissue box to see how far the ball goes! I made a ramp with it. Have you ever REUSED a box for a science project?



Hi I am Azuka. Did you know that you can reuse baskets? We reused strawberry baskets for spring baskets. We can use the spring baskets for markers.



You can reuse metal cans by using them for holding cubes, colored pencils, or coins. Reusing cans also means you are using less money because you aren't buying a container- you already have one!



Reuse a film container for a money container. Have you ever done that? You could come to Room 2 to look at the container.



When you are about to throw away a chair you can reuse it. When the legs are broken you can use it for a kid.

Recycle

A good way to take care of the earth...



People recycle paper, cardboard, cans, plastic, and glass. You can help the earth by recycling.



I would like you to recycle cardboard boxes. They can be made into game boards.



Recycle paper but use the back of the paper first. Put it in the recycle bin. Old paper makes new paper. Recycling paper saves our trees.

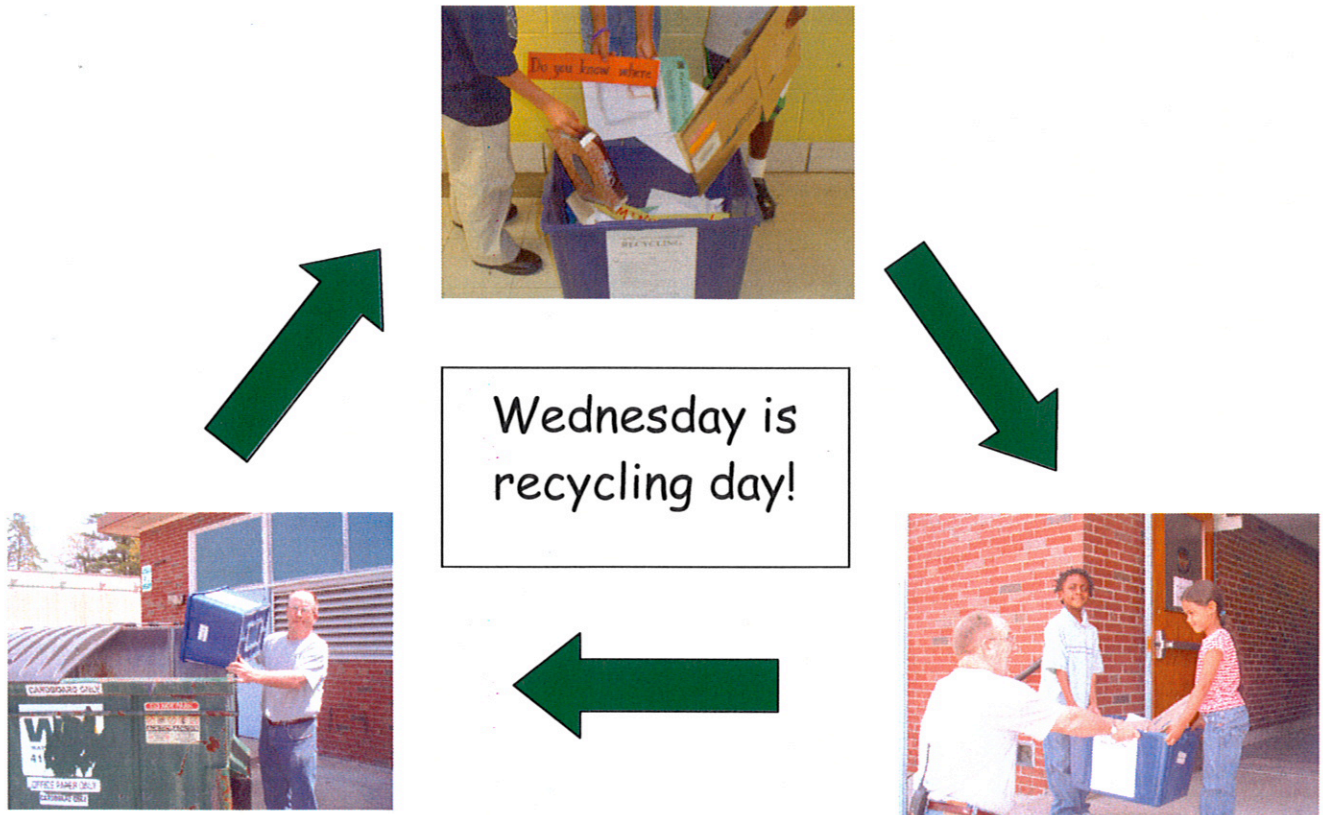


Hi, I am Liany. I am going to teach you about recycling. If you had a yogurt for lunch take the container to your classroom and clean it. Then, dry it out and put it in your recycling bin at home if you have one.



Recycle plastic bottles. Take it home. Then put it in the Recycle blue box. Then the recycle people take it to MRF. MRF sends plastic bottles to a factory. Then they turn it into fleece jackets and mittens.

Recycling Protocol



Step 1: Put cardboard and papers in the blue recycling bin.

Step 2: On Wednesday bring the blue recycling bin to the dock.

Step 3: Mr. Fitzpatrick will dump the recycling in the recycling dumpster.