



keep some

tomorrow

recyclenj.org

out of the trash



ENVIRONMENTAL BENEFITS OF RECYCLING

Recycling is a well-documented environmental success story. In 2008, New Jersey recycled over 13 million tons of its total solid waste! Recycling not only saves resources and energy, but also reduces the need for landfills and resource recovery facilities.

Natural Resource Conservation

- ◆ Nearly 2 million tons of iron ore, coal, limestone, sand, soda ash, and feldspar are saved annually by recycling scrap metal and glass in New Jersey.
- ◆ Four pounds of bauxite ore is saved for every pound of aluminum recycled.
- ◆ One ton of glass made from 50% recycled materials saves 250 lbs. of mining waste.
- ◆ Over 100 million tree seedlings are grown annually as a result of paper recycling programs in New Jersey.
- ◆ Recycling plastic containers reduces the need for virgin plastics which are made from petrochemicals.
- ◆ Recycling reduces the need for new landfills and incinerators.

Energy Conservation

- ◆ New Jersey's recycling efforts save over 235 trillion BTUs of energy annually. This is equivalent to almost 2 billion gallons of gasoline. It represents the amount of energy that would be required to power over 2 million homes for one year in New Jersey.
- ◆ Aluminum produced from used beverage cans requires 90-95% less energy than aluminum produced from bauxite ore. In addition, steel produced from recycled ferrous metals requires 74% less energy than steel produced from virgin ores.
- ◆ Recycled glass production requires 20% less energy than glass production from virgin materials.
- ◆ Recycled paper production also requires between 23% to 74% less energy than virgin paper production.

Reductions in Emissions of Air and Water Pollutants

- ◆ Recycled paper production creates 74% less air pollution and 35% less water pollution than virgin paper production.
- ◆ The production of recycled steel creates 85% less air pollution and 40% less water pollution than the production of steel from virgin ore.
- ◆ Recycled glass production creates 20% less air pollution than does production with virgin materials.

Greenhouse Gas Reductions

- ◆ The recycling of paper, plastic, glass, aluminum cans and steel cans noted above reduced greenhouse gas emissions by approximately 2 million metric tons of carbon equivalents. The United States Environmental Protection Agency calculated that on average, approximately 1.67 metric tons of Carbon Dioxide (CO₂) equivalents are avoided for every ton of municipal solid waste (MSW) recycled.
- ◆ If the MSW recycling rate increases from 38% to 50%, approximately 7 million metric tons of CO₂ equivalent in avoided Greenhouse Gas emissions would result.

Source: Northeast Recycling Council Environmental Benefits Calculator and NJDEP National Specific Recycling Rates, 2008.

JANUARY 2011

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RECYCLING IS FUN

Recycling is an important thing to do.

We can save the rainforest and marine life too.

Everyone should recycle bottles, paper and glass.

And we can all do that together as a class.

We must spread the word to stop pollution.

No more littering is a great solution.

We save energy by turning off the lights.

Buying recycled products is one of our rights.

Global warming must go away.

We need to recycle every day.

Every person has something to give.

Recycling makes the world a better place to live!

Jamie Avena
Grade 4
St. Cassian School
Upper Montclair

RUN TO RECYCLE

FEBRUARY 2011

Let's all recycle and get a running start.
The earth needs us now; let's show we have heart.

Within our schools we have paper, plastic and
cardboard to save.
We need to think ahead; let's start a new wave.

We can form a recycling team within our schools.
Clean air and conserving energy is what is cool.

If we recycle, it will reduce our trash.
Going green helps schools save cash.

When we reuse things, it helps us out.
The more we conserve helps things grow—that's
no doubt.

Megan Peropat
Grade 4
St. Catharine School
Spring Lake

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MARCH 2011

RECYCLING

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Recycling is the solution to clean up all the world's pollution.

Each of us can clear our sins by sorting garbage into bins.

Cans and bottles can be reused to make new products that you choose.

You can recycle all the time, and it does not cost you a dime.

Composting is always right, and it sure is a worm's delight.

Lots of things that we can do, to keep lands green and oceans blue.

Ending now, my poem is done; I hope that Planet Earth has won.

Catina Schneck
Grade 4
St. Rose Grammar School
Belmar

RECYCLING AT THE STADIUM

APRIL 2011

Two boys at the stadium were huge hockey fans.

At the game they saw lots of bottles and cans.

People throwing everything in the regular waste,

Forgetting to recycle in their exiting haste.

Lots of cans in the garbage
made the boys feel real mad,

Because when we don't recycle,
the earth gets real sad.

Andrew Mester
Grade 4
Gerrard Berman Day School
Oakland

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RECYCLING POSSIBILITIES

MAY 2011

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Three cheers for recycling—

Hip Hip Hooray!

Keep our Earth clean,
I'll show you the way.

Where you see trash,
I see treasure.

Artists turn recyclables
Into objects of pleasure.

The metal and plastic
We recycle today,
Our musicians will use
As instruments someday.

Reduce your waste
Is what they say.
We can make old tires
Into a place where children play.

Recycle your old bottles
And aluminum cans,
And tomorrow we'll be cooking
With our new pots and pans.

Possibilities are endless
When we recycle our things.
Let's all recycle and take care of Earth
And the beauty it brings.

Logan Lazarczyk
Grade 5
St. Mary School
Bordentown

EVERYONE WINS

The world would be a better place
If everyone would sort their waste.

Tell your mom, tell your brother,
Paper in one bin, plastics in another.

Glass and cans we all use
Can be recycled to spread the news.

Newspapers, newspapers everywhere,
Where they wind up, we all should care.

It's time to save the earth so take your part,
If you begin with recycling, that's a great start.

Bring reusable bags when you go to the store,
They will help the earth more and more.

Create a perfect space for your recycle bins,
If you do this, everyone wins!

Christian Berger
Grade 5
St. Leo the Great School
Lincroft

JUNE 2011

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JULY 2011

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RECYCLE!

Don't toss that bottle or can!
But give it to the recycling man.
He'll bring it to the recycling place,
Where sorting all that stuff pays.

Recycling saves our precious resources—
Minerals, electricity, and manufacturing processes.

It keeps our environment clean,
And helps our mother earth stay green.

Let's not take recycling for granted,
It creates jobs and help wanted.
For the environment and economy to win,
Start now and use that recycling bin!

Maverick Alcala
Grade 5
James F. Murray P.S. #38
Jersey City

RECYCLE DIFFERENT THINGS

You can recycle different things,
Bottles, books and metal swings,
Magazines, cars and cans,
Even things like frying pans.

If we don't learn to reuse,
Our kids will be the ones who lose,
The dumps will keep growing bigger,
That's a bad plan, I figure.

We need to think and plan ahead,
And not do the easy things instead,
We need to use our resources again,
I'll start now—that's when.

Reusing paper will save trees,
So we will have tissues when we sneeze,
It's easy to recycle every day,
Just be careful of what you throw away.

AUGUST 2011

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Kyle Petzold
Grade 5

Veterans Memorial Elementary School
Brick

SEPTEMBER 2011

A HEALTHY EARTH

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Recycling must become,
A way of life for everyone.
The Earth is our only home,
And we all live within its finite dome.
We must act smarter and recycle much more,
So our Earth and community can be healthy
to the core.
Feed your garden with scraps from the table,
This is not a tough job, everyone is able.
Potato peels, egg shells, orange slices
and coffee grinds,
Make for a soil rich for red tomatoes and
string bean vines.
Sort out your paper, cans, plastic and glass,
The necessity of recycling is an important class.

Hunter Romach
Grade 6
William Rohrer Middle School
Westmont

THE LONELY SODA CAN

OCTOBER 2011

Hello! I'm a soda can!
I don't like what's happening, man!

It seems like our plan is coming apart.
Do you people even have a heart?

We all wanted to be dropped in a blue bin,
That would really make us grin.

Recycle plastic, cans and paper.
Try to do Earth a favor.

At the store, try to buy recycled things,
That will make you feel like a king.

Recycling is something you have to do.
It will really help me and you.

Brian Mathew
Grade 6
St. Cecelia School
Iselin

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NOVEMBER, 2011

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LITTLE BLUE BIN

I'm a little blue bin; you have seen me before,
 I work in your classroom and sit by your door.
 I like helping the Earth and saving the trees,
 So go ahead and put your old papers in me.
 Give me your plastic, your aluminum's great,

Glass is something that I appreciate.

So recycle your waste, it has meaning and worth,

By filling me up, you are saving the Earth.

Kayla Klatt
 Grade 6
 Ho-Ho-Kus Public School
 Ho-Ho-Kus



GOING GREEN

DECEMBER, 2011

Recycling is important,
Yes, indeed!

Recycling is necessary,
It's what the earth needs!

Reduce, Reuse, Recycle,
Everyone should try!
It's really not that complicated,
Let me simplify.

You can reduce pollution
Or you can reuse plastic.
Try to recycle cans!
It's all pretty fantastic!

Purchase recycled products,
And most companies will agree.
You are becoming more "green."
It's really the way to be!

Going Green is the new trend.
All kids should jump on board.
Tell all your friends and family!
A clean earth is the ultimate reward!

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Gina Frandino
Grade 6
Buena Regional Middle School
Buena

2012

JANUARY

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MARCH

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JULY

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AUGUST

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SEPTEMBER

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DECEMBER

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New Jersey Department of Environmental Protection

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