



To learn more about SCE&G's environmental programs,  
go to [sceg.com](http://sceg.com).



## Kids Count!

Many materials that we use every day can be reused and recycled. Protecting our environment through waste reduction, recycling, reuse and solid waste management (or how we take care of our garbage) is a very important job regardless of your age. Explore this brochure to learn more about recycling and ways you can reduce the amount you throw away.



Cover artwork by:

**SCE&G Homework Center Student, Deja Simmons, 5th Grade**  
Carver-Lyon Elementary School, Columbia, SC

# Recycle It

Recycling is when products like paper, cans, glass, plastic bottles, boxes and other reusable materials are collected, separated and processed into brand new stuff. You would be amazed at what can be done with a recycled product. Recycled plastic soda bottles, for instance, can be made into T-shirts, combs – even computers!

Here are just a few of the ways recycling helps the environment:

- Recycling saves valuable landfill space
- Recycling reduces trash and litter
- Recycling conserves natural resources
- Recycling saves energy
- Recycling reduces pollution

## What To Recycle?

Lots of things can be recycled, including:

- Aluminum cans
- Batteries
- Bricks, concrete, carpet and other building materials
- Cardboard
- Chemicals
- Egg cartons
- Electronic equipment
- Food waste
- Glass (especially bottles and jars)
- Magazines
- Metals
- Newspaper
- Oil
- Paint
- Paper
- Plastic bags
- Plastic bottles
- Plastic containers
- Steel cans
- Tires
- Wood
- Yard waste

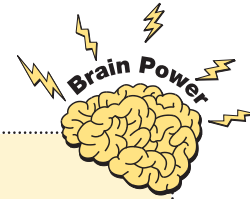


Each ton (2,000 pounds) of recycled paper can save **17 TREES**, **THREE CUBIC YARDS** of landfill space, **4,000 kilowatts of energy** and **7,000 gallons of water**.  
*This represents a 64% energy savings and a 58% water savings!*

Source: [www.recycling-revolution.com/recycling-facts.html](http://www.recycling-revolution.com/recycling-facts.html)

## How Can I Recycle?

Just ask your local recycling office for assistance. They'll be happy to tell you all about your local recycling program, including how to handle your recyclables and where to take them. You may also want to ask your school about scheduling a field trip to a recycling center, so you can learn what happens to your recyclables after they're collected.



## Word Scramble

Unscramble the words below of things that can be recycled.

- ZANGAISEM \_\_\_\_\_
- TSAERIBET \_\_\_\_\_
- RISET \_\_\_\_\_
- ODOW \_\_\_\_\_
- IPLSACT ASBG \_\_\_\_\_
- PENRWAPES \_\_\_\_\_
- LHMESICAC \_\_\_\_\_

# Plant A Tree!

The simple act of planting a tree helps the environment in so many ways. In addition to their natural beauty, trees also:

- Remove carbon dioxide from the air we breathe
- Produce large amounts of oxygen, the all-important gas we cannot live without
- Help recycle water
- Prevent soil loss
- Create shade
- Provide homes for animals
- And much more!

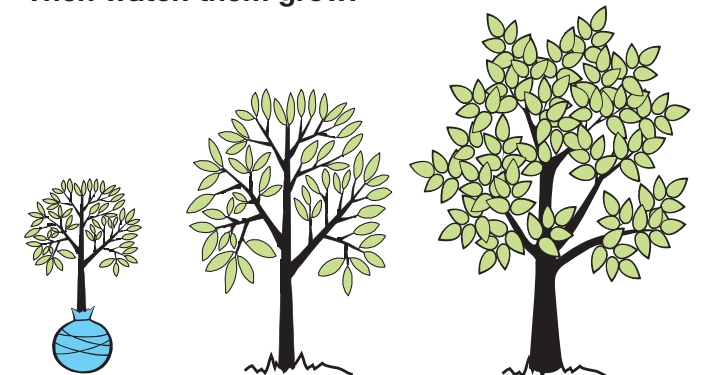


**One tree** can absorb about **50 POUNDS** of carbon dioxide each year.

source: [www.wiki.answers.com](http://www.wiki.answers.com)

At SCE&G, we plant and distribute thousands of baby trees, called seedlings, through our Trees Please program each year. Ask your parents about planting trees in your yard.

**Then watch them grow!**



# Do The Little Things!

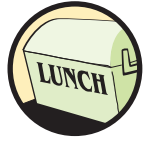
There is so much you can do to save energy and the environment with very little effort.



**Lights Out.** Always make sure to turn off the lights when you are the last one to leave a room at home or school.



**Smart Supplies.** At school, try to use both sides of a piece of paper. You should also save and reuse chalk, pens, pencils and art supplies whenever possible.



**Pack an "Eco" Lunch.** Pack your lunch using reusable containers (like thermos beverage containers and small soft-side coolers) instead of plastic bottles, aluminum cans, plastic wrappers and bags which create a large amount of waste each day.

**Take Charge.** Organize a "Clean-Up Day" at your school. Assemble teams to pick up litter on your school grounds and then award prizes to the team that finishes first. You might even designate some spots of land as "natural areas," where you and your classmates can plant flowers, grass and trees.



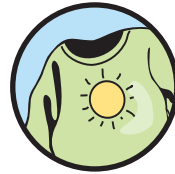
**No Littering.** Always set an example for your friends and family by not littering, no matter where you are. Make litterbags for the family cars. Keep your yard clean and free of trash. Whenever you visit a park or beach, make sure to carry out what you bring in.



**Bike or Walk.** Try biking or walking to nearby places instead of asking for a ride. It's good for your body and helps the environment by cutting down on fuel use and air pollution!



**Solar Powered Devices.** Buy solar powered devices, calculators and games instead of battery-operated ones. Alkaline batteries are short-lived and end up in the landfill.



**Slip On A Sweater.** When you're feeling a bit chilly, put on a sweater instead of turning up the heat.

## Conserve Water.

Encourage your whole family to conserve water. About 75 percent of the water used in the home is used in the bathroom. Your family can decrease this amount by taking shorter showers and not leaving the water running while brushing teeth or shaving.



**Off, Off, Off.** Turn off and unplug stereos, radios, TVs, VCRs, DVD players, video games and computers when they are not in use. Some appliances and devices have a stand-by function that uses energy even when they're turned off.



More than **500 million** people from **175** countries celebrate **International Earth Day** every **April 22**.

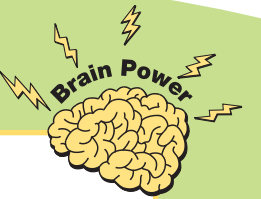
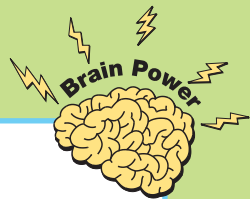
source: www.wikipedia.com

**Recycle It.** It usually takes less energy to make something from recycled materials than to make something new from natural resources. If your school doesn't currently recycle, see what you can do to encourage your class to do so.



A plastic bottle takes **700 YEARS** before it begins **TO DECOMPOSE** in a landfill.

source: www.earth911.org



## Word Search

Many of the words in this brochure can be found in this puzzle. The word list below can help you and your friends know which words to search for as well as serve as a reminder to respect the environment around you.

CONSERVATION	PLASTICS	WATER	WILDLIFE	ALUMINUM
RECYCLE	ECO	LIGHTS OUT	ENVIRONMENT	PAPER
TREES PLEASE	OXYGEN	NATURAL AREA	FLOWERS	REUSE
COMPOST	EARTH DAY	POLLUTION	STEWARD	WALK

## Mix Match

Match these words with their meanings below. Look at other resources to help you match these environmental words to their correct meaning.

- |                |                      |
|----------------|----------------------|
| 1. Solid Waste | 5. Reduction         |
| 2. Reuse       | 6. Natural Resources |
| 3. Recycling   | 7. Renewable         |
| 4. Composting  | 8. Non Renewable     |

- \_\_\_ Raw materials found in nature.
- \_\_\_ Cannot be replaced when used up.
- \_\_\_ Everything we throw away.
- \_\_\_ A means of converting kitchen garbage and garden vegetation into humus.
- \_\_\_ Can be replaced by nature.
- \_\_\_ Limiting the purchase of items with unnecessary packaging.
- \_\_\_ To reprocess materials to make new products using the natural resource over again.
- \_\_\_ To use a product again for the original or some other purpose.

C C W S T E W A R D O C E T  
 N O P I A L U M I N U M R U  
 A N M A L G E L C Y C E R O  
 T S E P P D F A F G E U W S  
 U E T C O E L U R S Y E A T  
 R R Z U R S R I P T R S T H  
 A V R U Y E T L F C H Y E G  
 L A R E U S E Y T E T D R I  
 A T E P L A S T I C S U A L  
 R I T C S Y G U T U Y E T Y  
 E O Z E N V I R O N M E N T  
 A N E G Y X O F L O W E R S  
 P O L L U T I O N R W A L K