

RECYCLING

FACTS  
& FUN



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*If we all pitch in to recycle, reduce, reuse and close the loop, we will save the earth's natural resources and lots of energy! This guide shows you many fun and simple ways that you can do your part.*

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# Recycle

Recycling means taking something old  
and turning it into something new!

*Sounds like a magic trick, right? Well, in a way, recycling is like magic. Recycling makes it possible for us to take something like a plastic water or soda bottle and turn it into a new shirt or a backpack!*

*The really cool thing about recycling is that everyone can do it, even kids. Recycling is fun and easy and every time you do it, you help make our planet a cleaner and better place to live!*

## Why Should You Recycle?

- Recycling saves energy
- Recycling saves our clean air and clean water
- Recycling conserves our natural resources
- Recycling saves landfill space
- Recycling saves money and creates jobs



## How Do You Recycle?

Take your beverage containers to a recycling center, places with recycling bins or at your curbside if your community has a curbside recycling program. Any place where you see a recycling bin is a place you can recycle! To find out where your nearest recycling center is, call **1-800-RECYCLE** or visit our website at [www.conservation.ca.gov](http://www.conservation.ca.gov).

Remember, even one person can make a big difference. There are a lot of things that you can do to encourage recycling in your city or community. You can start a recycling program at your school or in your neighborhood, organize a recycling day at a beach or park near your home and teach your family and friends about recycling and why it's so important.



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# Recycling Tips

*We all know that recycling is a great way to help the environment, make money and keep the earth clean, right? It's also easy and fun too. But exactly how do you recycle? And what do you recycle? Oh, and one more thing, where do you*



*recycle? Well, those are all good questions and it's important for everyone to know the answers to them.*



Almost everything can be recycled! But there are certain beverage containers that give you money back for recycling them or have a **California Redemption Value (CRV)**. You can bring your glass, plastic and aluminum to a recycling buyback center, curbside and maybe even your school if they have a program in place! Any place where you see a recycling bin is a place you can recycle! To find out where to recycle other materials such as newspaper, cardboard, and other stuff, call **1-800-CLEANUP** or visit [www.ciwmb.ca.gov](http://www.ciwmb.ca.gov).

To find out where your nearest recycling center is, call **1-800-RECYCLE** or visit our website at [www.conservation.ca.gov](http://www.conservation.ca.gov).

The really cool thing about recycling is that everyone can do it, even kids. Below are some helpful tips that you can use to get started.

- Whenever you are ready to throw something out, you should ask yourself, "Can this be recycled?" Almost always, the answer will be yes. If a beverage container can be recycled, there are special places to put it when you finish with it. But there's one place you should NEVER put a recyclable beverage container . . . in the trashcan!
- Nearly every beverage you drink comes in a container that can be recycled. You can recycle water bottles, soda cans, juice, sports drink bottles and lots of other things as well. Most drinks that come in a plastic, glass or aluminum container can be recycled.
- Ask your parents about the types of beverages they drink and help them figure out which ones can be recycled. To see a complete list of all beverage containers that can be recycled, you can visit the Department of Conservation's website at [www.conservation.ca.gov](http://www.conservation.ca.gov).
- You can take your bottles and cans to a recycling buyback center or you can take them to your school if it has a recycling program. You could also give them as a donation to an organization or school. If you have a curbside recycling bin at your house, you can put all of your recyclable beverage containers in it. If you're not sure where to find beverage container recycling center locations where you live, you can call **1-800-RECYCLE** or visit [www.conservation.ca.gov](http://www.conservation.ca.gov).



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# Reduce

Reduce means finding ways to decrease the amount of garbage we throw away.

*It's important to reduce the amount of trash you throw away because our planet is running out of landfill space to put our garbage. A landfill is a huge hole in the ground where garbage is buried.*



*You can reduce your trash by . . .*

- Buying items that use little or no packaging. This cuts down on the amount of material used to make packaging and it reduces the amount of trash we produce. And don't forget-most packaging made of cardboard or paper is recyclable.
- Buying items in the bulk size when available. This will also cut down on the amount of trash you throw away.



Remember, it's everyone's job to help keep our planet clean and healthy. Reducing the amount of trash you throw away is great way to help protect and preserve the earth. The next time you go grocery shopping with your parents, teach them about reducing and help them pick out the products that have the least amount of packaging.

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# Ways For You To Reduce

*Share this list with your family and think of other ways to reduce trash in your home!*

- Buy products with little or no packaging.
- Use a reusable lunch box or bag instead of a paper bag.
- For items that you don't use very often, try renting them instead of buying them.
- Buy products that are durable and long-lasting.
- When you buy something, don't take a bag unless you really need one.
- Find alternative ways to wrap gifts, such as a reusable cloth bag.
- Use cloth napkins instead of paper napkins.
- Use reusable plastic containers for food instead of plastic bags.
- Buy rechargeable batteries instead of disposable ones.
- Choose products that come in recyclable or refillable containers.
- Instead of buying your favorite book, magazine or newspaper, go to the library to read it. It's fun and it's free!
- Use plates, cups and utensils that can be washed rather than ones that you throw away.



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# Reuse

Reuse means finding ways to use things over and over again rather than throw them away.

*When we reuse things, we save our landfill space as well as save the natural resources and materials it would take to make a new product. There are a lot of things that you can reuse instead of throwing away. Take a minute and write down all of the things you can reuse rather than throw in the trash!*

*Here are some ways you can reuse . . .*

- Refill your plastic drink containers with water or another beverage you enjoy.
- Draw or write on both sides of your paper instead of just one side.
- If an item breaks, try repairing or fixing it instead of buying a new one.
- Donate or sell old items instead of throwing them away. That way, someone else can enjoy them too!
- Instead of throwing away old socks or gloves, use them as cleaning rags around the house.
- Purchase books from a used bookstore or garage sale instead of buying a new one. You can also have a book or magazine exchange with your friends.
- Turn old coffee cans, glass jars and milk cartons into craft projects. If you take a look around your house you can find all kinds of neat things to reuse. You can even make gifts for your family and friends. Use your imagination and have some fun! Take a look at some examples on pages 18, 19 and 20.



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# Close the Loop

Closing the loop is buying products made from recycled material.

Recycling your beverage containers is a great thing to do, but it's only the beginning of the process. After they go to the recycling center, companies have to use them to make new products and people have to buy those new products.

When you buy products made from recycled material, you are  
**CLOSING THE LOOP.**

Here's how the cycle works . . .

**1** Bring your glass, plastic and aluminum beverage containers to a recycling center.



**2** The containers are sold to factories.



**4** People buy the new products . . . use them . . . recycle them . . . and the whole loop starts again!

**3** Factories use them to make new products.

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# Aluminum



**Aluminum is made from a natural resource called bauxite ore.**

*When products are made from recycled aluminum, it saves energy and bauxite ore. All types of aluminum can be recycled, from aluminum foil to automobile hoods to lawn furniture. Aluminum can be recycled and reused over and over again without losing any of its characteristic attributes -- there is no loss of quality in using recycled aluminum.*

- Discovered in the 1820s, aluminum is the most abundant metal on the planet!
- It can take up to 500 years for an aluminum can to decompose in our landfills (or dumps).
- Americans throw away enough aluminum every three months to rebuild our country's entire commercial air fleet.
- Throwing away one aluminum can wastes as much energy as pouring out half of that can's volume of gasoline!
- Nearly 120,000 cans are recycled every minute nationwide!
- Recycling just one aluminum can saves enough energy to burn a 100-watt light bulb for nearly four hours or run a television for three hours.
- Aluminum cans can be recycled into new soda and beverage cans, pie plates, thumbtacks, aluminum foil and even license plates!
- An aluminum beverage can returns to the grocer's shelf as a new, filled can in as little as 90 days after collection, re-melting, rolling, manufacturing, and distribution. That means you could buy basically the same recycled aluminum can from a grocer's shelf every 13 weeks, or 4 times a year.



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# How Aluminum is Recycled

**1** You can take your aluminum soda cans to a recycling center or leave them in recycling bins at your curb (if you have curbside service).

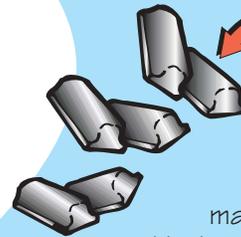


**2** The aluminum cans are transported to a processing facility where they are washed, shredded and melted.

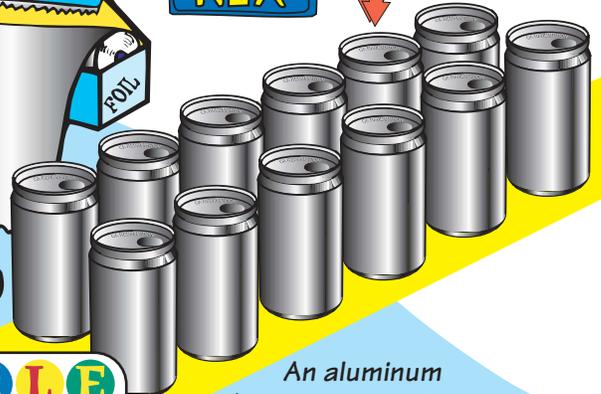


**3**

The liquid aluminum is poured into molds that make them into blocks, called ingots.



**4** The ingots are taken to a can-making factory and melted into rolls of flat sheets of aluminum (similar to thick foil). Ingots are also sold to manufacturers of aluminum products who melt them down for molding into new products.



An aluminum beverage can returns to the grocer's shelf as a new, filled can in as little as 90 days after it is recycled.

Did you know? If you didn't recycle your aluminum can, and threw it away in the garbage, which goes to the dump, it could take up to 500 years for it to decompose (or break down)? That sure is a long time! Recycling is the right choice to help save our Earth!

**5** The sheets of aluminum are cut and shaped into aluminum cans, inspected and shipped to companies to make drink containers.

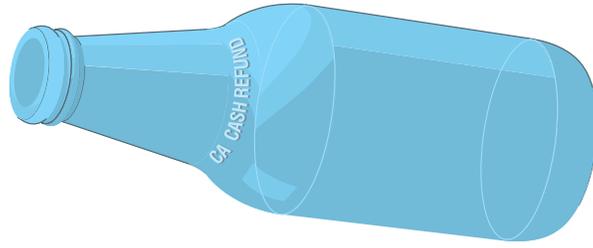


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# Glass



**Glass is a mixture of silica sand, soda ash, limestone, alumina-silicate and salt cake.**

*All of these ingredients are put into a very, very hot furnace and melted down to become glass.*

*Glass can be recycled and used over and over again, saving energy and natural resources. Since recycled glass melts at a lower temperature than new materials do, it doesn't take as much energy to heat that very hot furnace!*

- The oldest known examples of glass are Egyptian beads dating from 12,000 B.C.
- All newly purchased glass food jars contain at least 35% recycled glass.
- Since 1980, the average weight of a glass container has been reduced by more than 10%.
- One million years is how long it takes glass to break down naturally (that's a long time!) Glass is only broken down by weathering and physical crushing or pounding.
- Eight to twelve weeks is how long it takes for a glass container to be recycled and returned to the store shelf.
- 32% of a glass container is post-consumer recycled glass. However, the technology exists to use up to 85% recycled glass!
- One ceramic coffee mug alone in a truckload of glass is enough to contaminate the entire load and cause it to be rejected from recycling.
- The majority of glass recovered in the United States is used to make new glass containers. A portion is also used in fiberglass and "glasphalt" for highway construction.



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# How Glass is Recycled



Have you ever thought about what happens to the glass bottles that you place into your curbside recycle bin or take to the recycling center to be recycled?

Recycled glass can be used to make marbles, jars, bottles, plates, bowls, tile and more!

**1** The glass bottles collected from your curbside bins are taken to the recycling center.



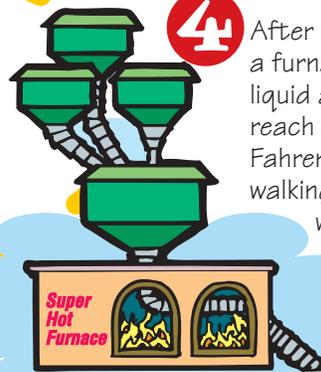
**2** At the recycling center, the glass containers are sorted by color and transported to a processing facility where they are cleaned and crushed into tiny pieces called cullet.



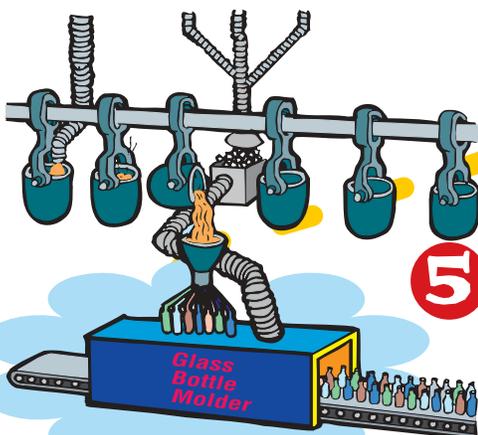
**3** The cullet is transported to a glass manufacturing plant and mixed with sand, soda ash and limestone (minerals that come out of the ground).



**4** After mixing, the batch is fed into a furnace and is melted into a thick liquid at temperatures that can reach around 2,800 degrees Fahrenheit. (Ouch! And you thought walking on the sand at the beach was hot).



**5** The melted glass is dropped into a glass forming machine where it is poured into molds, blown with air and shaped into its final shape such as a soda bottle.



**6** Once the mold is removed, the glass is cooled, inspected and shipped to companies that make drinks and food.



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# Plastic



**PET stands for polyethylene terephthalate, which is a plastic resin and form of polyester.**

*PET is the type of plastic labeled with the  code on or near the bottom of bottles and containers. It is used to package soft drinks, water, juice, peanut butter and household cleaners, among other things. PET is a good choice for packaging because it is inexpensive, lightweight, shatter-resistant, resealable and recyclable.*

- The PET bottle was patented by Nathaniel Wyeth in 1973.
- The first PET bottle was recycled in 1977.
- In 1960, a one-gallon plastic milk container weighed 120 grams. Today, it weighs just 65 grams.
- 10% of the average grocery bill pays for packaging (mostly paper and plastics).
- Recycling a ton of PET containers can save 7.4 cubic yards of landfill space.
- Every year, Americans make enough plastic film to shrink-wrap the state of Texas.
- Recycled PET can be used to make many new products, such as carpet, fabric for T-shirts, shoes, sweaters and coats, luggage, fiberfill for sleeping bags and even toys!



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# How Plastic is Recycled

1

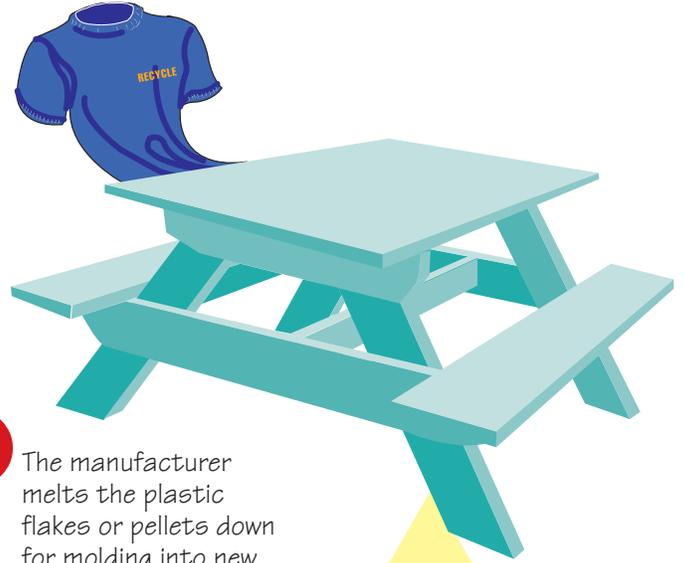
Plastic containers are brought to the recycling center where they are sorted by type and sometimes color. They are crushed together and formed into a huge cube or bale.



5

The manufacturer melts the plastic flakes or pellets down for molding into new products like:

- fiberfill for sleeping bags
- plastic lumber
- containers for non-food products
- toys
- compost bins
- rulers
- T-shirts
- backpacks



2

The bales of plastic are shipped to a plastics processing plant.



4

The flakes or pellets are shipped to manufacturers of plastic goods.

3

The plastic is broken apart and shredded into flakes or pellets and then cleaned.



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# Word Scramble

Below are 10 words that are found in this booklet.  
Unscramble the letters to find these words!  
Good luck and have fun!

1. MMNUALIU

2. SAGLS

3. NCA

4. TTLEOB

5. ECYLECR

6. LSTCIPA

7. ECDUER

8. LIFLLAND

9. HTREA

10. ESEUR



(Answers on page 24)



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# Recycling Word Search

What words pop into your mind when you think about recycling? Well, some of those words are hidden in the word search game below! Look for the words listed beneath the game below. Good luck and have fun!

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

- Aluminum
  - Glass Bottles
  - Plastic Bottles
  - Reuse
  - Garbage
  - Resources
  - Earth
  - Recycle
  - Fun
  - Close the Loop
  - Beverage
  - Landfills
  - Reduce
  - Cans
- (Answers on page 24)

Remember to recycle all of your California Redemption Value (CRV) beverage containers.  
 Call 1-800 RECYCLE to find your nearest recycling center.



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# Tyler's Adventure



Help us finish the story by filling in the blanks with the words below:

- Environment • CRV • Beverage Containers • Money
- California Redemption Value • Aluminum • PET • Recycling • Littered • Glass
- Tyler • Beverage • Plastic

Tyler and his pals were taking a walk through their local park on a windy afternoon. As each of them looked around, they noticed that the ground was \_\_\_\_\_ with beverage containers. Plastic \_\_\_\_\_ bottles, aluminum soda cans and \_\_\_\_\_ bottles were on the grass and inside the sand box. Tyler and his friends knew they had to do something about this terrible mess. They were sad to see their park looking this way. Later that day, Tyler and his friends went back to the park with bags to collect the \_\_\_\_\_ containers. They picked up all the litter and collected all the aluminum cans, \_\_\_\_\_ and glass bottles. They took the beverage containers they found to their nearest \_\_\_\_\_ center. "Whoa!" the woman working at the recycling center exclaimed, "Where did you find all of these \_\_\_\_\_?" Tyler replied, "We found them throughout the park! We wanted to help the \_\_\_\_\_, so we picked up all the litter and beverage containers. We noticed the letters CRV on the labels of these containers." "Yeah," Tyler's friend piped in. "We've been trying to figure out what CRV stands for. I think it means 'Cool Recycling Video.'" "No no, it means 'Crazy Rocket Vehicle,'" another friend said. The woman working at the recycling center chuckled. "You kids are great! CRV actually means \_\_\_\_\_." "Huh?" Tyler said, looking stumped, "What does that mean?" The woman pointed to the top of an \_\_\_\_\_ can. "If you see the letters "CRV," or the words "CA Cash Refund" or "California Redemption Value" on beverage containers, you will receive money for them when you turn them into your nearest recycling center." "Wow! It's like finding \_\_\_\_\_!" Tyler said. The woman replied, "When you purchase a beverage in these containers, you pay CRV for each of them. When you turn them in at a recycling center, you get the money back!" "Awesome!" \_\_\_\_\_ and his friends exclaimed. After the woman counted all of the containers, she gave Tyler and his friends a grand total of nearly \$10.00!!! They were very excited and decided to save all of their money and continue to collect \_\_\_\_\_ beverage containers until they had enough money to buy a recycling bin to put in their park!!!

(Answers on page 24)



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# Decode this Secret Message!

Match the numbers to the letters using the table below,  
and put them in the space provided! The first two are already done for you!

A=1	B=2	C=3	D=4	E=5	F=6	G=7	H=8	I=9	J=10
K=11	L=12	M=13	N=14	O=15	P=16	Q=17	R=18	S=19	
T=20	U=21	V=22	W=23	X=24	Y=25	Z=26			

4 15 14' 20      6 15 18 7 5 20      20 15

D O      \_ \_ \_ \_ \_

18 5 3 25 3 12 5      1 12 12      15 6      25 15 21 18

\_ \_ \_ \_ \_

3 18 22      2 5 22 5 18 1 7 5      3 15 14 20 1 9 14 5 18 19

\_ \_ \_ \_ \_

6 15 18      13 15 14 5 25

\_ \_ \_ \_ \_

(Answers on page 24)

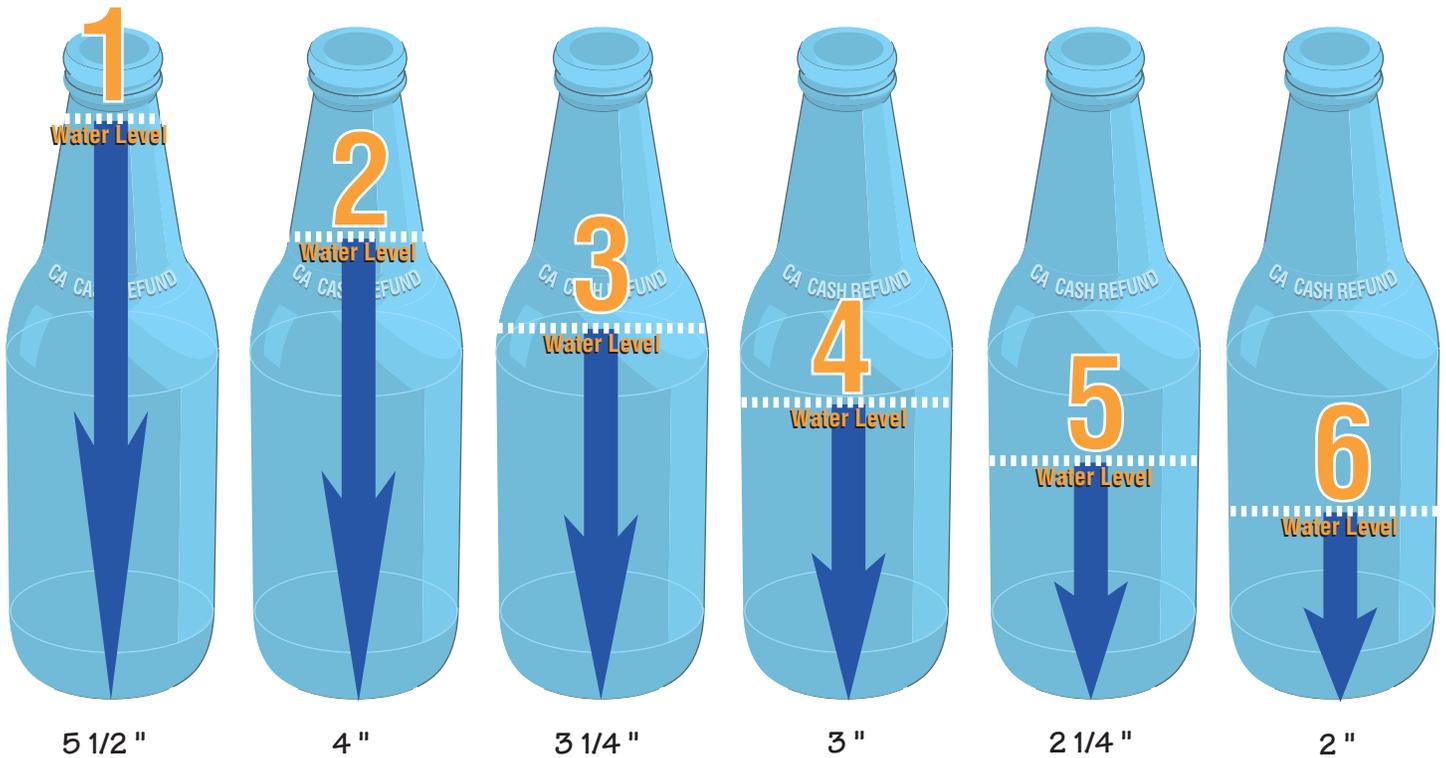
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# Glass Bottle Music



By filling glass bottles with different amounts of water, you can create some catchy tunes! Here's how to do it with real bottles at home: take six glass bottles or very tall drinking glasses and fill them with different heights of water to make a six note scale.

(Use your voice or a piano to see if you're in tune!)



Number your bottles, starting with the one holding the most water, so they look like the ones above. If you use 16 oz. bottles, you can fill your bottles to the heights indicated in the picture above.



Try playing a few songs...

## Twinkle, Twinkle Little Star

1 1 55 66 5 44 33 22 1

55 44 33 2 55 44 33 2

1 1 55 66 5 44 33 22 1

## Mary Had a Little Lamb

3212333 222 355

3212333 322321

## This Old Man

535 535 6543234

345 1 111 12345

5224321



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# Bottle Art Mail

*Make someone's day!  
Here is a gift for you...  
It's cool, it's fun and helps save the Earth too!*



## Here's how to make your own bottle art mail (or gift wrap!):

After rinsing the bottle and letting it air dry, use a linoleum knife to cut a large "X" in the side of the bottle. **(Please ask an adult for help!)**

Then stuff the bottle with shredded paper and the items that you want to mail. Next, use duct tape to close the opening, and address the bottle using a mailing label. Finally, decorate the outside with colorful stickers and take it to the post office to mail.

The really neat thing is to see the clerk's face when you take it to the window to mail. Of course, seeing the recipient's expression would be fun, too! You can create a class project by exchanging your mail art with students in another city!

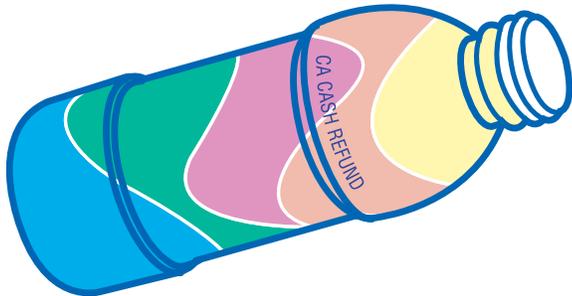
Sending mail like this is called mail art, and it's been around for about 40 years. People all over the world make mail art, and the two-liter bottle is just one item that can be decorated and mailed. In this type of art, anything goes, so you can decorate the bottle any way you wish.



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# Seasonal Crafts

## Summer/Spring Sand Art



### Materials:

Clean sand, newspaper, colored chalk, see through glass or plastic bottle with cap, funnel, stick, white glue, and a piece of heavy paper or cardboard:

### Instructions:

1. Put down some newspaper for your working surface.
2. Fold the heavy paper or cardboard in half. (The crease in the paper or cardboard will help get the sand into funnel if you fold it in half before putting the sand on it!)
3. Place a few handfuls of sand on the heavy paper or cardboard.
4. Take your colored chalk and crush it in with the sand, until the sand turns the color of the chalk.
5. Put the funnel in the bottle.
6. Lift the paper or board filled with colored sand and empty the sand into bottle using the funnel.
7. Take the stick and make a few bumps in the sand. This will create "waves" of color in the sand.
8. Repeat steps 3-7, using a different color of sand each time, until the bottle is almost full. Leave about 1/2 inch at the top.
9. Press the sand down firmly; be careful not to move the bottle around or the sand will move around and the colors will get mixed together.
10. Pour some glue into the remaining 1/2 inch of the bottle and let it dry. Screw the bottle cap on.
11. Decorate the top with anything around the house!

## Fall/Winter Do you know Jack?

You can have fun making your own Jack O' lantern out of a plastic soda or water bottle! The clear ones work best! Decorate your porch or classroom with this fun activity!

### Materials:

Any size soda or water bottle, cleaned with the label removed

- Orange craft paint
- Water
- Scissors
- Paint or paint pens (for Jack's face)
- Green felt
- Glue
- Raffia or yarn



### Instructions:

1. Pour some paint and a little water into your bottle. Put the lid back onto the bottle. Swish the paint around so it coats the entire bottle on the inside. (If you use too much water, the orange coloring won't be as bright and it won't dry!)
2. Using paint or paint pens make a face on the front of the bottle! Paint pens are easy to work with!
3. Using the green felt, cut a circle, about 3 times the size of the bottle cap.
4. Put a few drops of glue on the bottle cap and put the green felt circle on top, let dry.
5. When the glue is dry, tie a piece of raffia or yarn around the bottleneck.
6. When the paint on the inside is dry... fill about 1/4 the way with sand or pebbles so the bottle won't blow away if you put it on your porch!



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# California Redemption Value

Consumers pay CRV (California Redemption Value) when they purchase beverages from a retailer, which is refunded when they redeem the empty containers at a recycling center. All aluminum, glass, plastic and bi-metal beverage containers can be recycled, but some give you back money and some don't. Can you guess which containers are eligible for CRV? Write "Yes" if you think it has a CRV or "No" if you think it does not. See clues below.



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(Answers on page 24)

The following beverages sold in aluminum, glass, plastic, and bimetal containers are eligible for CRV:

- Carbonated and noncarbonated water, soda and mineral water, and similar soft drinks
- Carbonated and noncarbonated fruit drinks that contain any percentage of fruit juice
- Noncarbonated soft drinks and sport drinks
- Coffee and tea drinks
- Vegetable juice 16 ounces or less in volume



The following beverages are not eligible for CRV:

- Any beverage product sold in a container that is not aluminum, glass, plastic, or bimetal
- Wine, or wine from which alcohol has been removed, in whole or in part, whether or not sparkling or carbonated
- Milk
- Medical food
- Infant formula
- Vegetable juice in containers above 16 ounces or greater in volume
- 100% fruit juice in containers 46 ounces or greater in volume
- Distilled spirits

# Lifecycle of EcoSpun™



## From Bottles

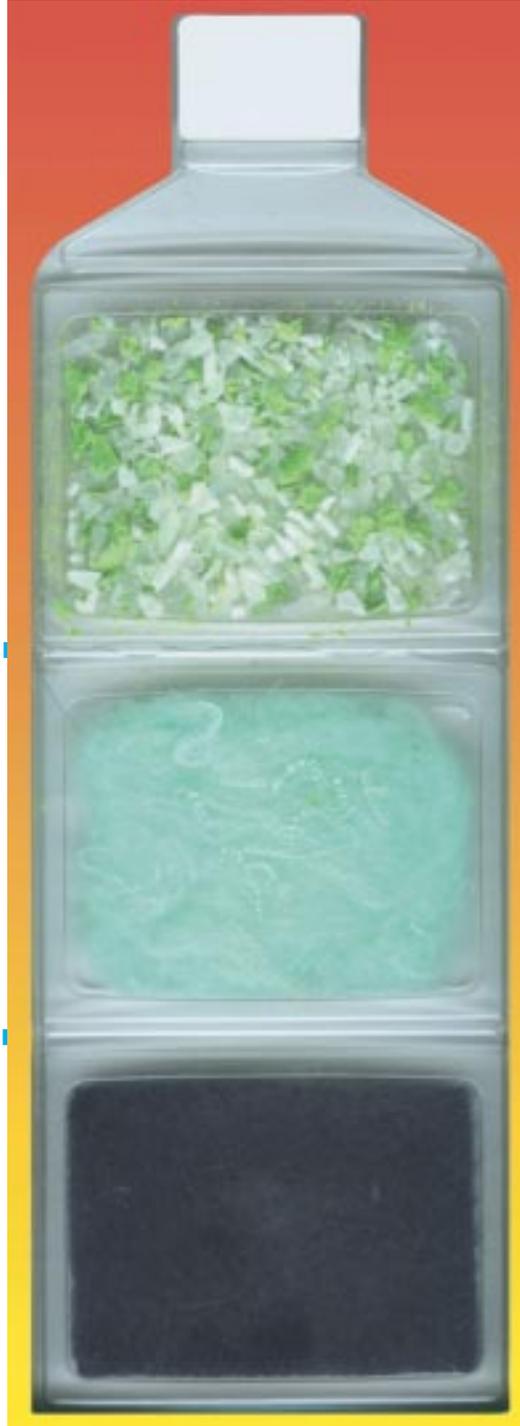
Picked up at curbside and community recycling centers across the country, plastic PET containers are sorted by type and color, cleaned, crushed and chopped into flake.

## To Fiber

These tiny pieces are then liquified and extruded to create new fibers, which are drawn or stretched for strength, ready for crimping, cutting and baling.

## To Fabric and Fiberfill

The fiber is either made into yarn then knit or woven into fabric, or is made into fiberfill for a variety of apparel or home furnishings products.



EcoSpun is a high-quality polyester fiber. Many different fabrics are made using EcoSpun, including fleece fabrics which are warm, durable, weather resistant, lightweight and comfortable. They are very soft to the touch. One would never guess the source of the fiber - recycled plastic soda and water bottles! EcoSpun can also be blended with other fibers, such as wool and cotton for enhanced qualities. EcoSpun is used mostly for vests, jackets, pants, blanket throws and accessories. It is also used in carpets, home furnishings and fiberfill.

## You Can Make a Difference!

When making a purchase, look for items made from recycled materials.



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# RecyCool Club Membership Application

**Hey teachers and kids!** The RecyCool Club is **FREE** to all school-aged kids in kindergarten through 6th grade living in California. It's easy to join. You can either send in the completed membership application below or you can call 1-800-RECYCLE. In four to six weeks, you will receive your membership package delivered right to your house! Included in the package will be an activity book, a membership certificate and a bunch of fun  stuff.

Check out our official newsletter, "The Recycool Planet" on our website, [www.recyclerex.com](http://www.recyclerex.com) Each newsletter is filled with recycling information, activities, crafts and games! The RecyCool Club is sponsored by your friends at the California Department of Conservation. For more information about recycling your beverage containers, contact the Department of Conservation at **1-800-RECYCLE** or visit our website at [www.recyclerex.com](http://www.recyclerex.com)



**NAME (First and Last)**

**HOME ADDRESS (Including City, State and Zip)**

**PHONE #(+Area Code)**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_
13. \_\_\_\_\_
14. \_\_\_\_\_
15. \_\_\_\_\_



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# ANSWERS

## Word Scramble (Page 14)

1. MMNUALIU **A L U M I N U M**
2. SAGLS **G L A S S**
3. NCA **C A N**
4. TTLEOB **B O T T L E**
5. ECYLECR **R E C Y C L E**
6. LSTCIPA **P L A S T I C**
7. ECDUER **R E D U C E**
8. LIFLLAND **L A N D F I L L**
9. HTREA **E A R T H**
10. ESEUR **R E U S E**

## Recycling Word Search (Page 15)

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

## Decode this Secret Message (Page 17)



4 15 14'20      6 15 18 7 5 20      20 15  
D O N ' T      F O R G E T      T O

18 5 3 25 3 12 5      1 12 12      15 6      25 15 21 18  
R E C Y C L E      A L L      O F      Y O U R

3 18 22      2 5 22 5 18 1 7 5      3 15 14 20 1 9 14 5 18 19  
C R V      B E V E R A G E      C O N T A I N E R S

6 15 18      13 15 14 5 25  
F O R      M O N E Y !!!!!

## Tyler's Adventure (Page 16)

1. littered
2. PET
3. glass
4. beverage
5. plastic
6. recycling
7. beverage containers
8. environment
9. California Redemption Value
10. aluminum
11. money
12. Tyler
13. CRY

## California Redemption Value (Page 21)

1. Yes
2. Yes
3. No
4. Yes
5. No
6. Yes
7. Yes
8. Yes



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