

ANSWERS

Who Are They?

From page 17

1. Carbon Monoxide
2. Nitrogen Dioxide
3. Particulate Matter
4. Sulfur Dioxide
5. Lead

What to Do?

From page 19

Compost leaves in the compost bin. Give the leftover paints and cleaners for others to use.

The Three Forms of Water

From page 21

In LIQUID form we know water as RAIN or TAP WATER. In FROZEN form, it is ICE. As a GAS, we call it VAPOR. The three forms of water are LIQUID, FROZEN and GAS.

Water, Water Everywhere...

From page 21

- Lakes
- Streams
- Reservoir
- Rivers
- Groundwater
- Aquifer

For more information, please contact the Indiana Department of Environmental Management at 1-800-988-7901 or visit www.recycle.IN.gov.

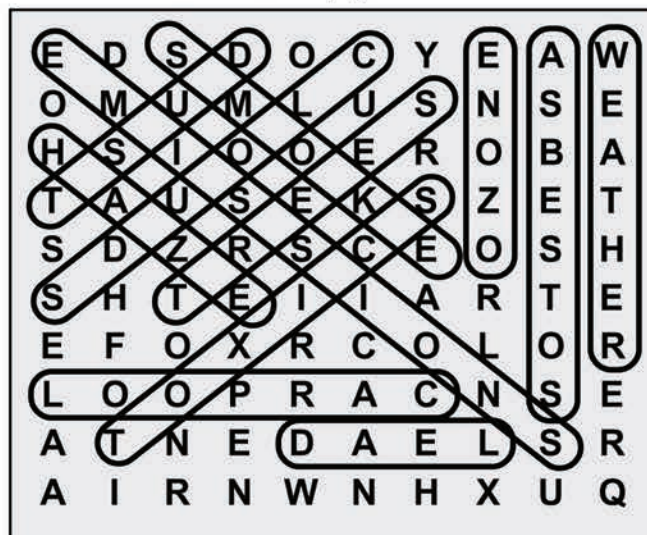
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The Recycle Guys appear courtesy of the S.C. Department of Health and Environmental Control's Office of Solid Waste Reduction and Recycling. Printed on 50% recycled paper.

Air Quality Wordsearch

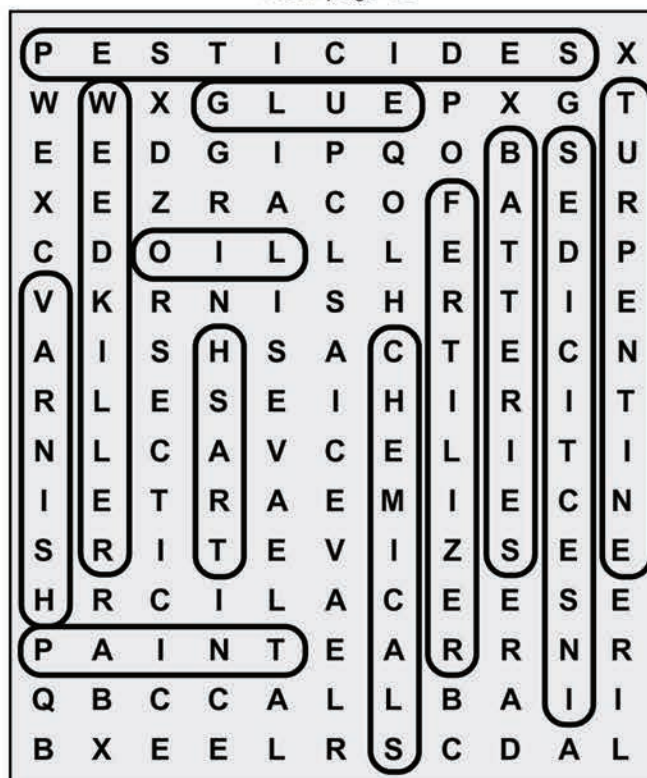
From page 18



Hidden message: "Do your share for cleaner air."

Go with the Flow

From page 22



WANTED FOR RECYCLING COLORING BOOK

featuring "The Recycle Guys"



YOU CAN RUN, BUT YOU CAN'T HIDE!

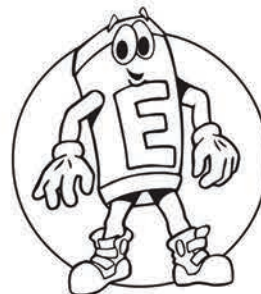


INDIANA

Parents,
You can find information about recycling programs and learn how much recycleable waste we each create by using our waste impact tool located at

www.recycle.IN.gov

Be part of the solution to pollution!



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SINK or SWIM

To have enough water to go around, all of us must change wasteful water habits now. A normal faucet open all the way pours out 3 to 5 gallons of water a minute. An outside tap allows even greater flows. Installing a "low flow" device can cut that flow in half.



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DID YOU KNOW?
 The average American uses about 100 gallons of water a day.

How Do You Measure Up?

Reduce the amount of water you use and waste and track your progress using the information below. Add the number beside your daily water-saving activities and total them in the box on the bottom right.

IN THE BATHROOM...

- Taking a Bath**
A full bathtub uses 25 gallons of water.
- Half-filled tub PLUS 3
 - Sponge bath PLUS 8
- Taking a Shower**
An average shower last 10 minutes.
- 7 to 9 minutes PLUS 2
 - 5 to 6 minutes PLUS 4
 - Under 5 minutes PLUS 5
 - Install a "low-flow" shower head PLUS 10
 - Turn off water when lathering up PLUS 4
 - Collect water while it is warming; use to water plants PLUS 8
- Flushing the Toilet**
One normal flush uses 5 gallons; a low-flow flush uses 1.5 to 3.5 gallons.
- Flush only when you must PLUS 5
 - Install low-flow toilets PLUS 10
 - Install water dam PLUS 10

Brushing Your Teeth or Washing Your Face
If you let the water run while you scrub or brush, you'll waste 2 gallons of water.

Turn off the water while brushing or washing PLUS 5

IN THE KITCHEN...

- Washing Dishes**
A dishwashing machine uses about 10 gallons of water.
- Let the water run (wasting dozens of gallons) MINUS 5
 - Fill a container with soapy water and run water only to rinse PLUS 6
 - Run the dishwasher only when full or wash them by hand if there are only a few dishes PLUS 5

OUTSIDE...

- Watering Plants and the Lawn**
A sprinkler hose uses 10 gallons per minute.
- Use an automatic shut-off valve PLUS 5
 - Water during the morning or evening (reduces waste by reducing evaporation) PLUS 10
 - Use a drip hose PLUS 6

THROUGHOUT THE HOUSE...

- Fixing Leaks**
One leaky toilet can waste 20,000 gallons a year. Test your toilets by putting red food coloring in the tank (not the bowl). Don't flush overnight. Check it in the morning. If the water in the bowl has turned red, you have a leak.
- Find leaks and fix them PLUS 15

How Did You Do?

20 Points and Below
Do you really want to waste all that water?

21 to 40 Points
You're starting to go with the flow!

41 to 60 Points
Treat yourself to a big glass of water. You've earned it!

61 Points and Above
CONGRATULATIONS!
You're a true water conservation star!

YOUR SCORE

See if you're really doing better. Compare your family's recent water bill with last year's.



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DID YOU KNOW?

Drinking water can be treated by adding air to it, running it through filters or by adding certain chemicals to it.

Go with THE FLOW

Rain water on the move picks up pollutants, then flows into storm drains (grated openings near street curbs). Storm drains carry this "polluted run off" through pipes beneath the street. Some of these pipes lead directly to lakes, rivers and even the ocean. Other run off seeps directly into the ground.

Find each pollutant in this word puzzle. Stop them before they reach our storm drains. The answers are on page 24.

FIND THESE WORDS:

- Fertilizer
- Weed Killer
- Chemicals
- Trash
- Paint
- Oil
- Batteries
- Varnish
- Glue
- Turpentine
- Pesticides
- Insecticides

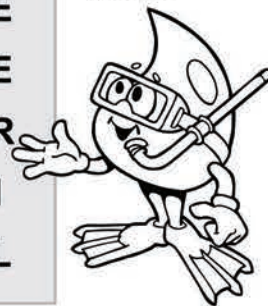
P	E	S	T	I	C	I	D	E	S	X
W	W	X	G	L	U	E	P	X	G	T
E	E	D	G	I	P	Q	O	B	S	U
X	E	Z	R	A	C	O	F	A	E	R
C	D	O	I	L	L	L	E	T	D	P
V	K	R	N	I	S	H	R	T	I	E
A	I	S	H	S	A	C	T	E	C	N
R	L	E	S	E	I	H	I	R	I	T
N	L	C	A	V	C	E	L	I	T	I
I	E	T	R	A	E	M	I	E	C	N
S	R	I	T	E	V	I	Z	S	E	E
H	R	C	I	L	A	C	E	E	S	E
P	A	I	N	T	E	A	R	R	N	R
Q	B	C	C	A	L	L	B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

DID YOU KNOW?

Only 3 percent of the water on Earth is fresh. More than two-thirds of this fresh water is frozen at the North and South poles. We all share less than 1 percent of all the fresh water on earth.

MORE...

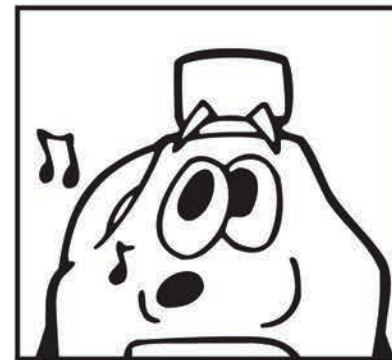
We need water to produce a lot of the goods we use. It takes between 7 to 25 gallons of water to produce 1 gallon of gasoline.



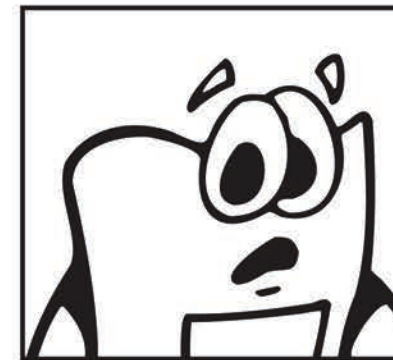
Hint: These words, like water, travel in lots of directions.

WANTED

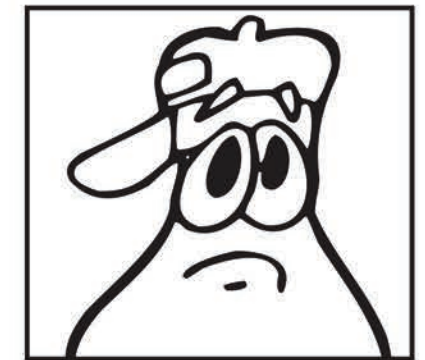
FOR RECYCLING



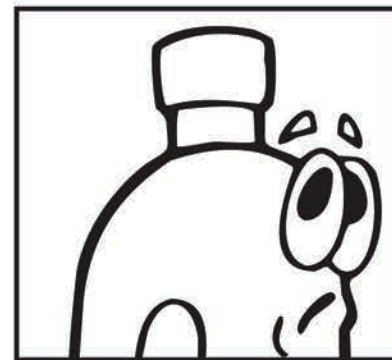
MILK JUG GUY



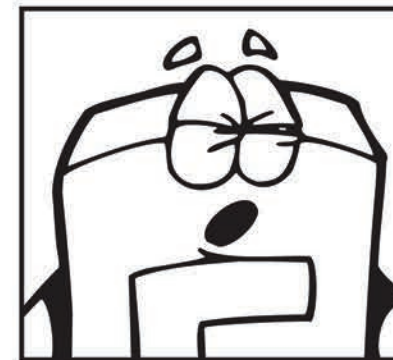
NEWSPAPER GUY



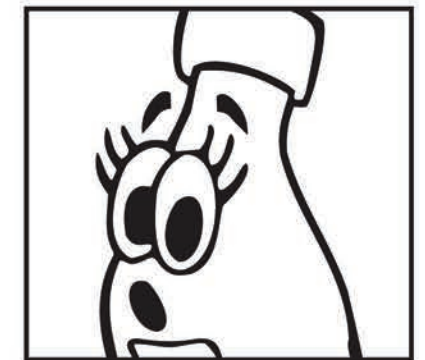
MOTOR OIL GUY



PLASTIC BOTTLE GUY



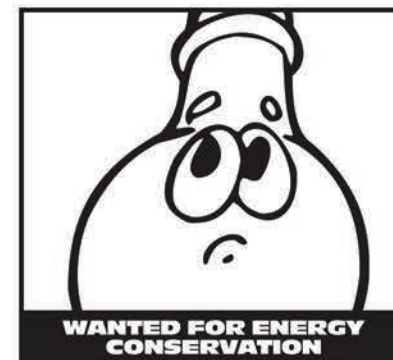
ALUMINUM CAN GUY



DOTTIE BOTTLE



STEEL CAN GUY



WANTED FOR ENERGY CONSERVATION

E2



COMPOST GUY

Would you know how to dispose of these guys? For more information, please contact the Indiana Department of Environmental Management at 1-800-988-7901 or visit www.recycle.IN.gov.



MILK JUG GUY

ALIASES: HDPE, #2. **PROFILE:** When recycled, Milk Jug Guy and the #2 Bottle Family can be put to work making car parts, plastic lumber, dog houses, fencing, mail box posts, shopping carts and curbside recycling bins. They can be identified by their ♻️ tattoo.

WATER, WATER EVERYWHERE...

Unscramble these words to identify the major sources of water we use. The answers can be found on page 24.

KSLEA

SSAMERT

EEOIRRSRV

RREVIS

DGRWRETUNAO

QRFAIUE

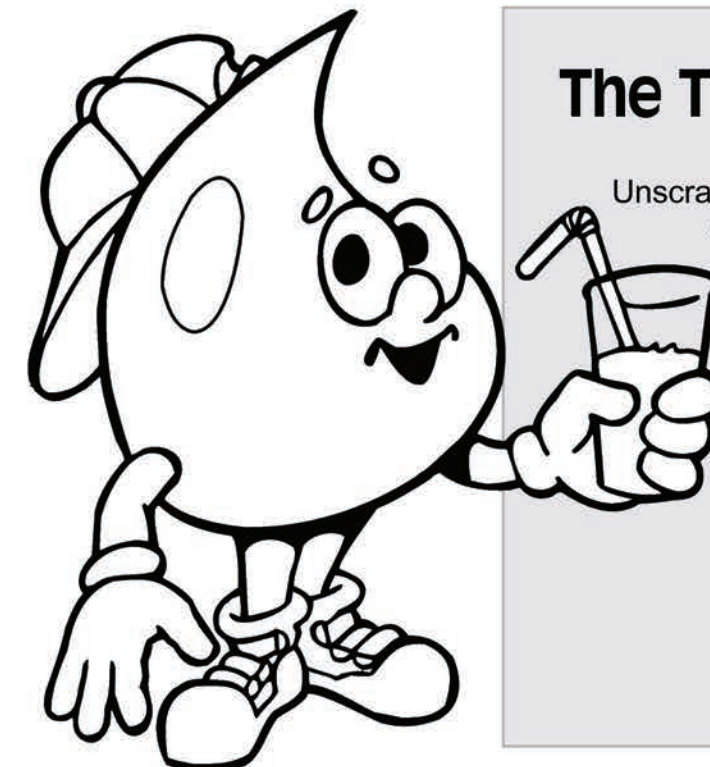


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WATER-SAVING TIP

Take shorter showers; turn off the water when lathering up.



The Three Forms of Water

Unscramble the **BOLD** words to find the three forms of water and list them below. The answers are on page 24.

In **IIUDQL** form we know water as **NAIR** or **TPA TERWA**. In **ZNOERF** form, it is **EIC**. As a **SGA**, we call it **RPVAO**.



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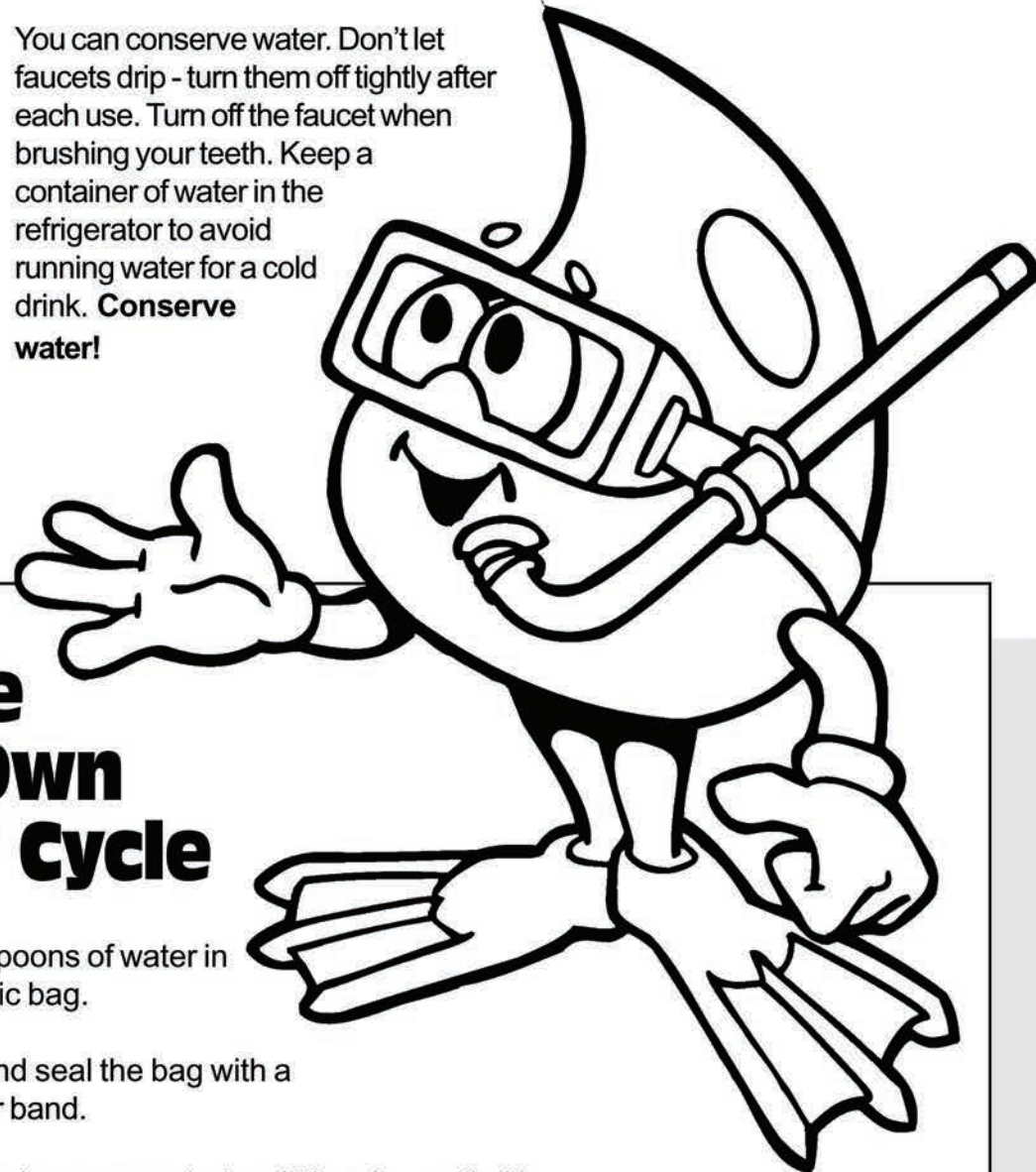
www.recycle.IN.gov

WATER-SAVING
TIP

Remember to turn
off the water when
brushing your teeth.

SPLASH!

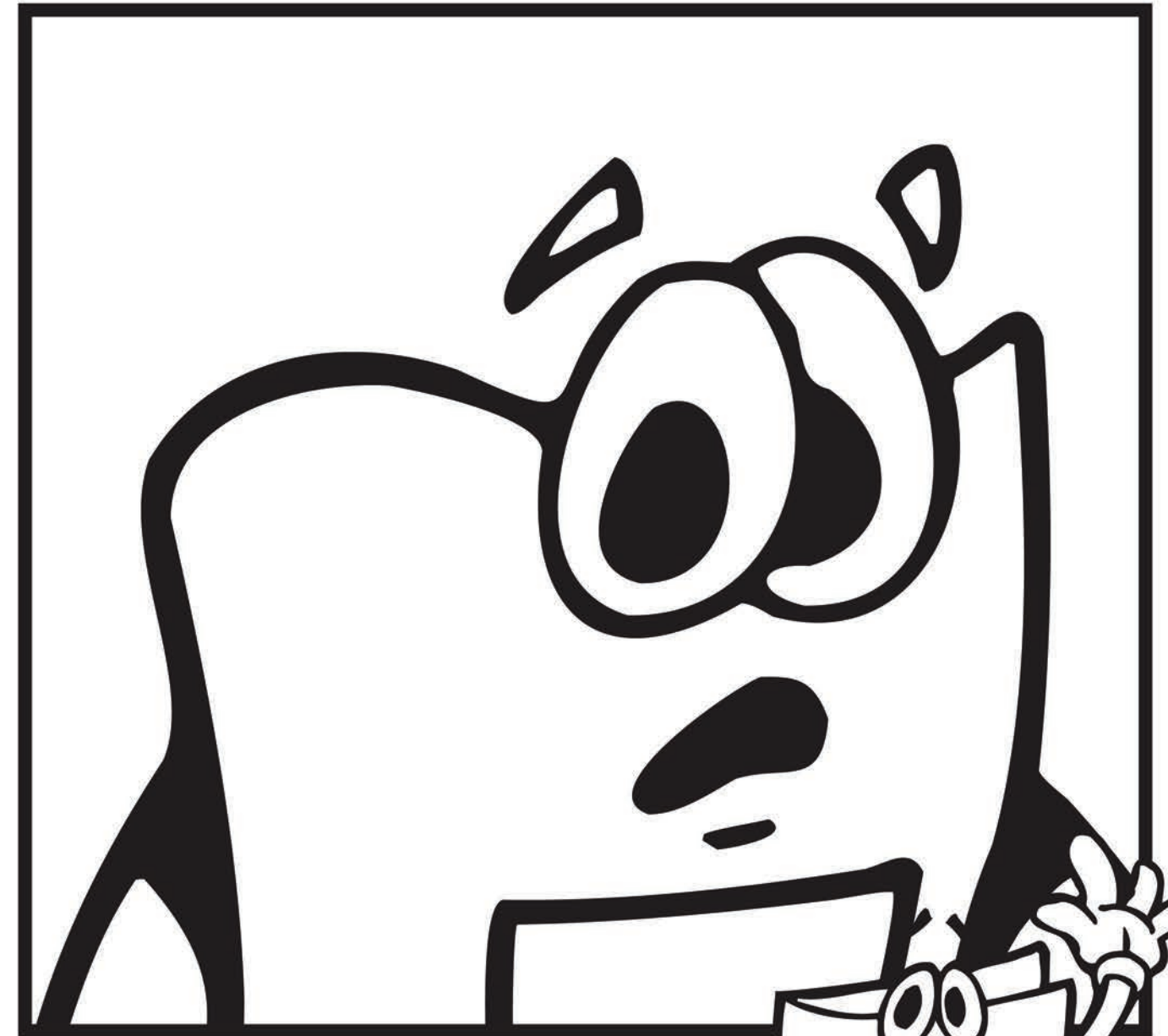
You can conserve water. Don't let faucets drip - turn them off tightly after each use. Turn off the faucet when brushing your teeth. Keep a container of water in the refrigerator to avoid running water for a cold drink. **Conserve water!**



Create Your Own Water Cycle

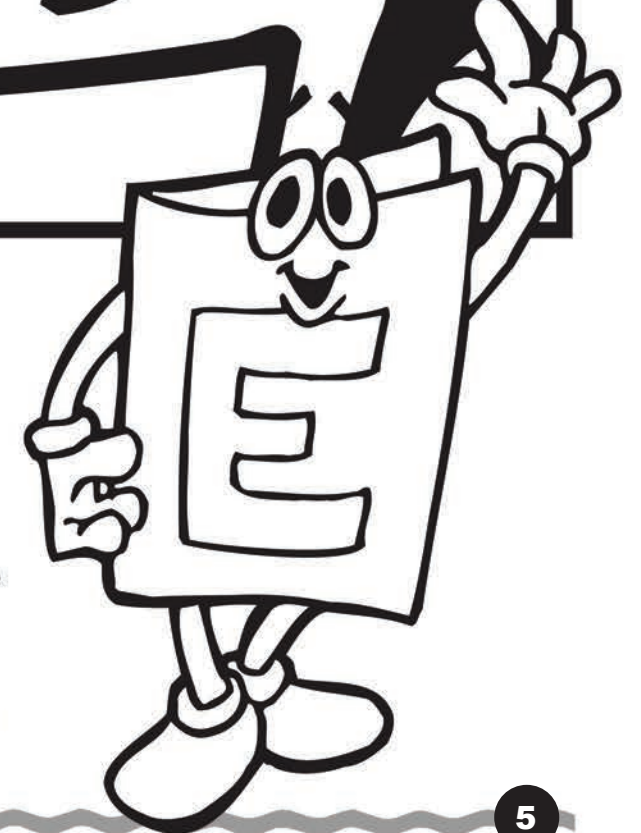
1. Put two teaspoons of water in a small plastic bag.
2. Blow air in and seal the bag with a heavy rubber band.
3. Place the bag in a sunny window. What do you find?

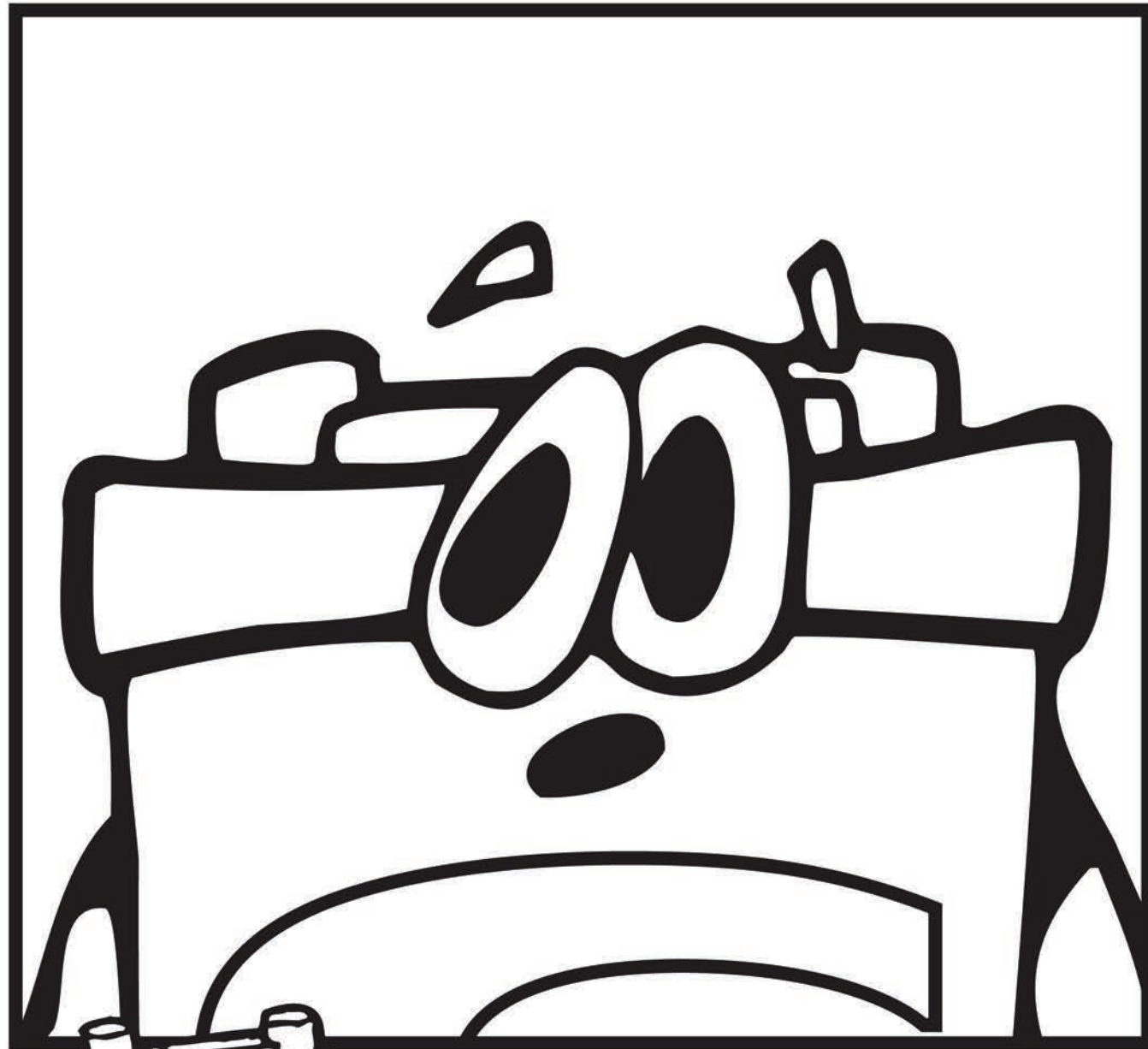
The water at the bottom of your plastic bag is the "lake." The fog on the inside shows how clouds form. Drops that fall from the top are "rain." If the bag stays warm, more water will remain in the air just as it does outside on very humid days.



NEWSPAPER GUY

ALIAS: The Paper. **PROFILE:** Recycling is a black and white issue with Newspaper Guy. He can be recycled into pencils, notebook paper, grocery bags and newspapers. His cronies include Office Paper Guy and Computer Paper Guy, who also are wanted for recycling.





BATTERY GUY

ALIAS: Juice. **PROFILE:** Car and truck lead acid batteries should be recycled. In Indiana, dealers are required to take old batteries when new ones are purchased. Spent lead batteries may not be discarded in Indiana landfills.

COMPOSTING...

A Natural Way to Keep the Air Clean

When you and your family rake your yard, what will you do with all those leaves? Some people burn them, but the smoke pollutes the air, making it difficult for you and your neighbors to breathe. Composting is the best way to dispose of leaves and other yard trimmings. It helps to keep the air clean and provides a good mulch for your garden and flower beds.

WHAT TO DO?

Clean Air Kid has done a good job cleaning the yard and garage. What should he do with the pile of leaves and his leftover paints and cleaners? The answers are on page 24.



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CLEAN AIR
TIP

Compost your
leaves instead of
burning them.



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DID YOU KNOW? Lichen, a flaky gray fungus found on trees and rocks, is an indicator of good air quality.

AIR QUALITY WORDSEARCH

After you find the hidden words, look for the message left by the remaining letters and write it down. The answer is on page 24.

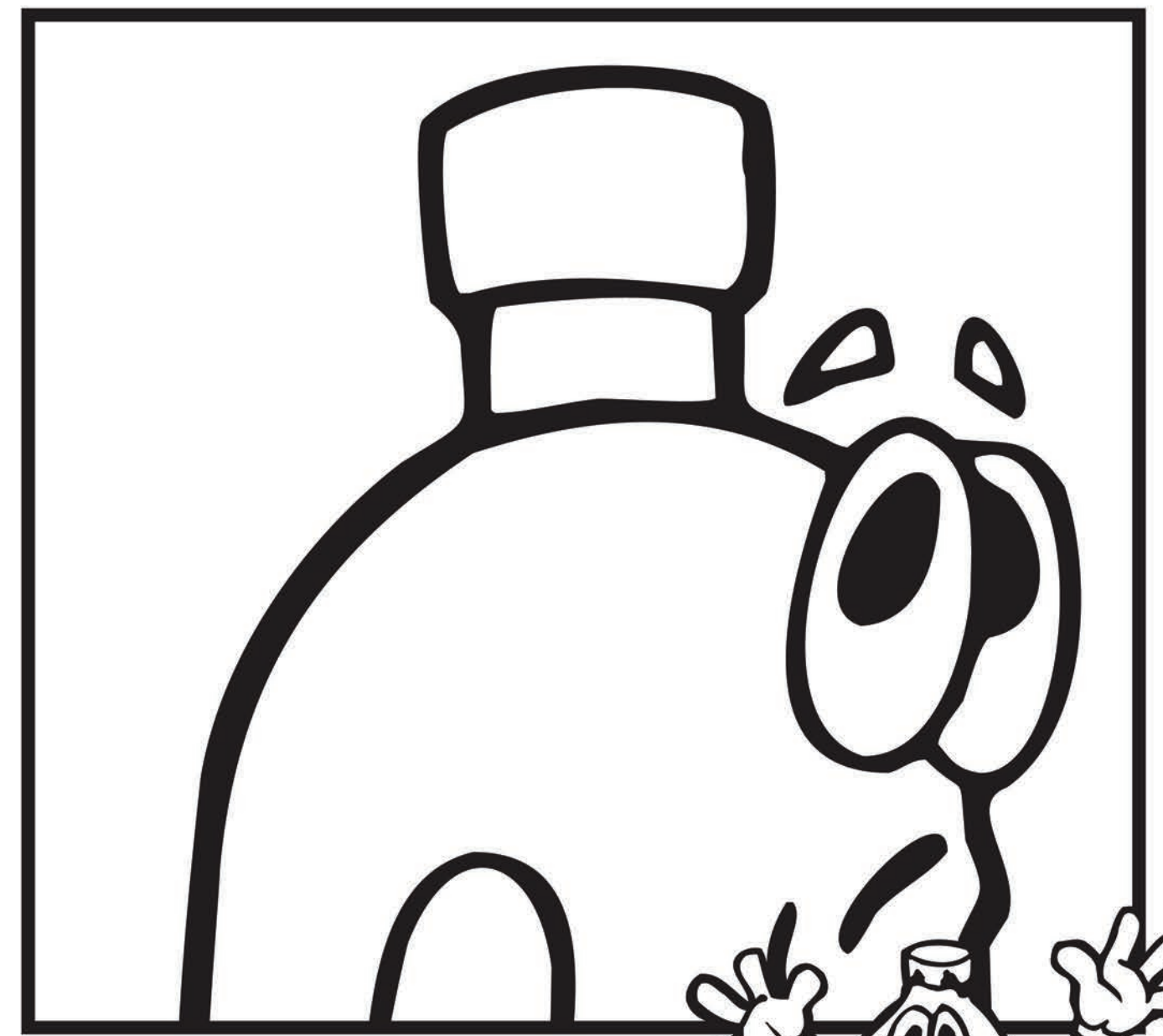
E	D	S	D	O	C	Y	E	A	W
O	M	U	M	L	U	S	N	S	E
H	S	I	O	O	E	R	O	B	A
T	A	U	S	E	K	S	Z	E	T
S	D	Z	R	S	C	E	O	S	H
S	H	T	E	I	I	A	R	T	E
E	F	O	X	R	C	O	L	O	R
L	O	O	P	R	A	C	N	S	E
A	T	N	E	D	A	E	L	S	R
A	I	R	N	W	N	H	X	U	Q

FIND THESE WORDS:

- Asbestos
- Carpool
- Clouds
- Dust
- Emissions
- Haze
- Lead
- Ozone
- Smoke
- Toxics
- Trees
- Weather

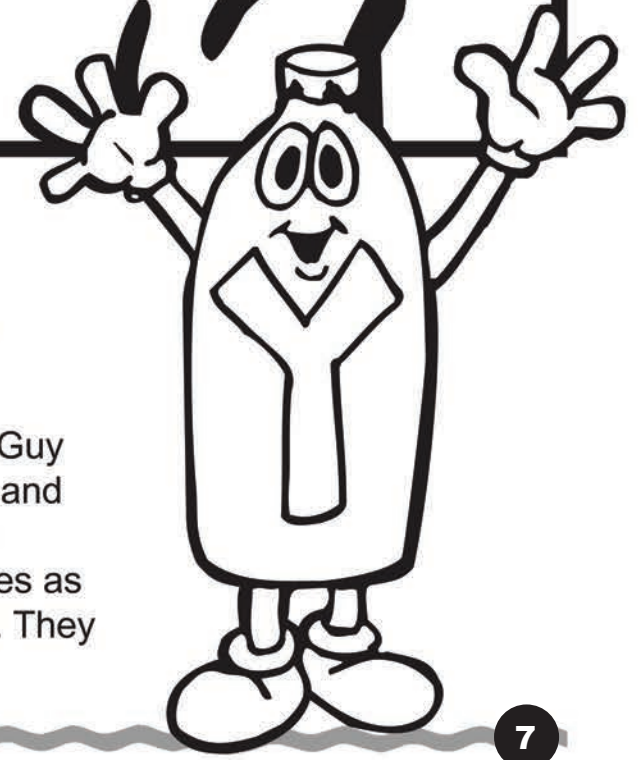


Write the hidden message here.



PLASTIC BOTTLE GUY

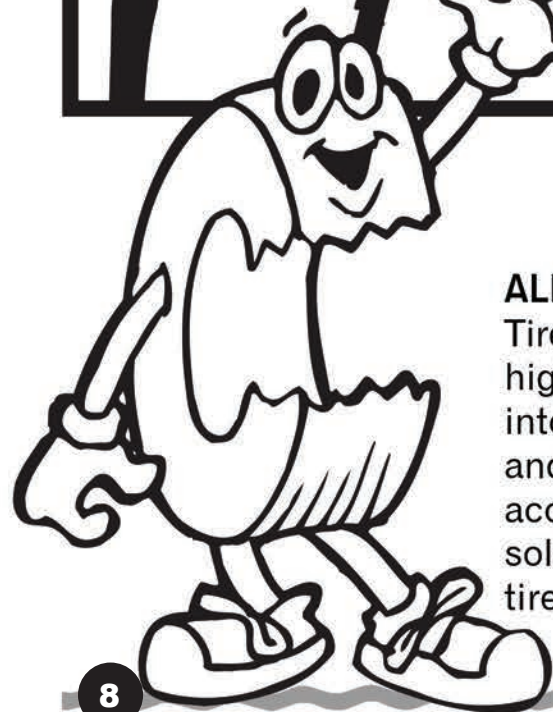
ALIASES: PETE, #1. PROFILE: Plastic Bottle Guy can be recycled into t-shirts, backpacks, lunch and tote bags and carpet. Remember to recycle his accomplices, such as shampoo and water bottles as well as 12-, 16- and 20-ounce soft drink bottles. They all have a ♻️ tattoo.





TIRE GUY

ALIAS: Wheels. **PROFILE:** There are new ways for Tire Guy to hit the road. He can be made into new highways and secondary roads. He also can be made into exercise pads, walkways, garden soaker hoses and mouse pads. Indiana retailers are required to accept one tire to recycle for each new tire that is sold, which makes it easy for you to recycle your old tires when you buy new ones!



WHO ARE THEY?

You've met **MR. OZONE**. Now unscramble the names of these other common air pollutants. The answers can be found on page 24.



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www.smogwatch.IN.gov

DID YOU KNOW?
You can check the
OZONE FORECAST
daily by visiting
the Web site listed
above.

1

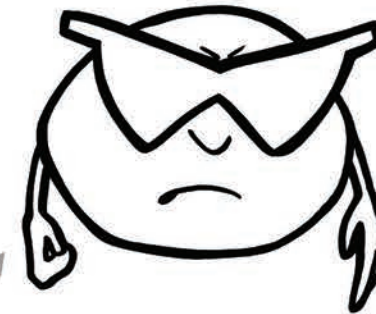
BNARCO NIOXEMOD



MR. OZONE

2

GRNOTINE EDXIODI



3

LRTPCAUTEA
RMETAT



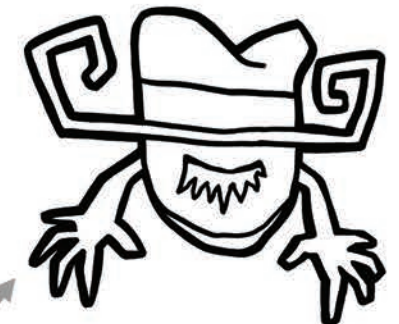
4

RULUFS IDEXIDO



5

ADEL





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CLEAN AIR
TIP

Remind adults
to refuel their cars
after 6 PM during
the summer.



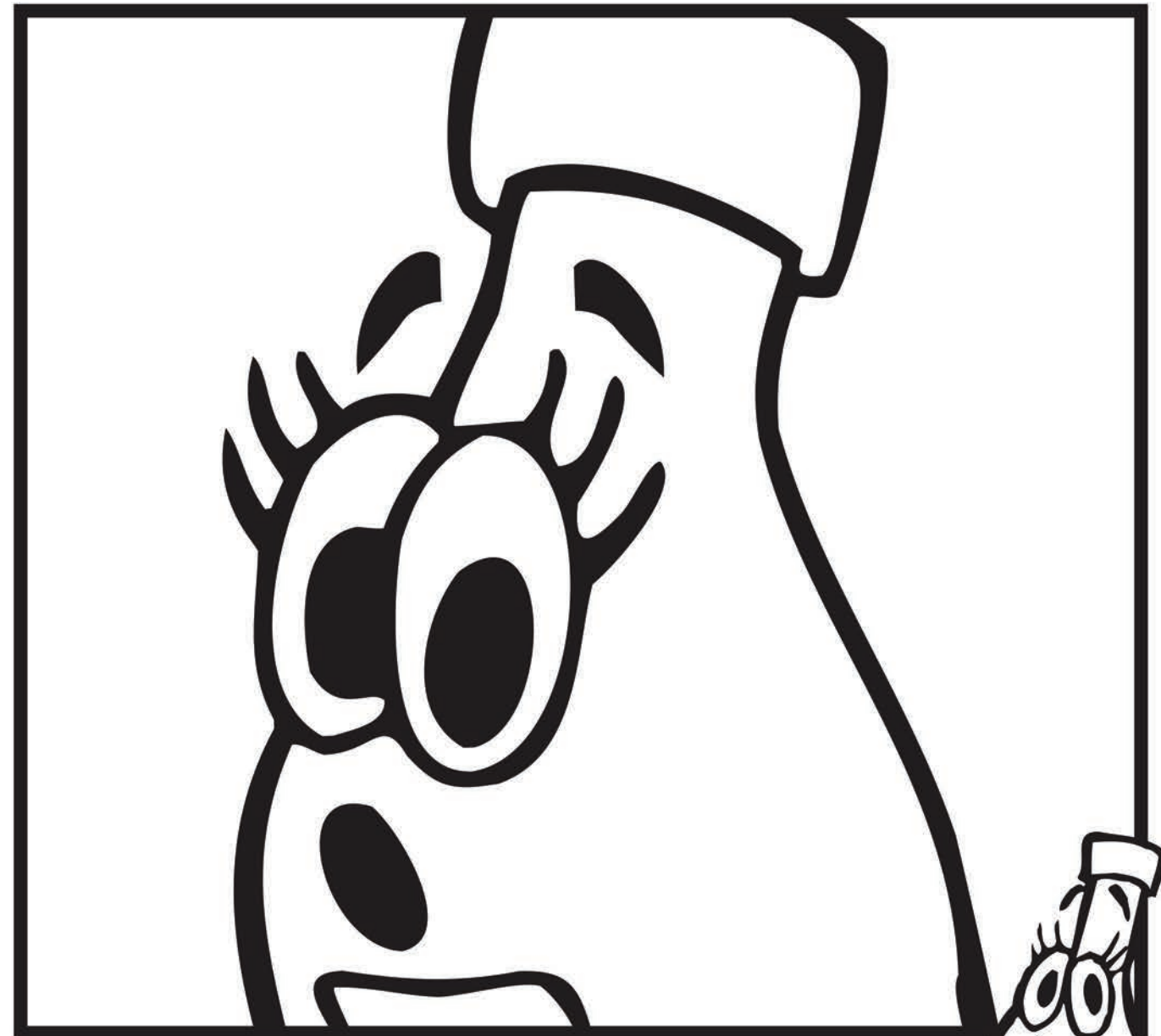
CLEAN AIR KID

Help keep the air clean by riding your
bike or walking to nearby places.
Conserving electricity also helps keep
the air clean because power plants
don't have to burn as much fossil fuel.
Spare the air!

OZONE

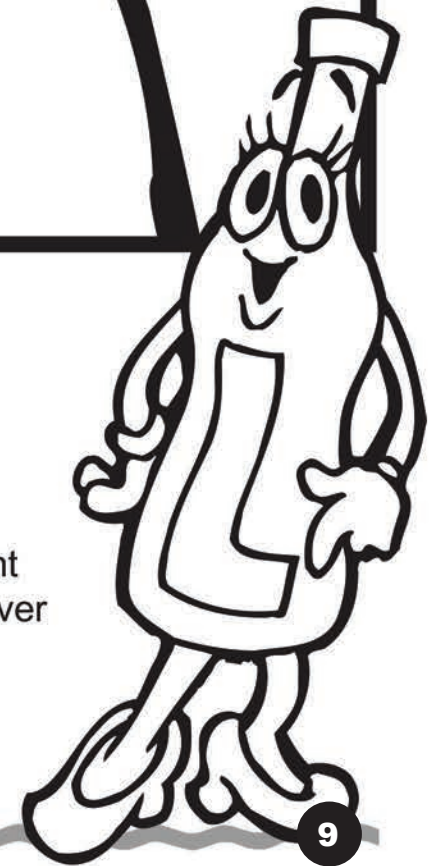
Good up high,
bad nearby!

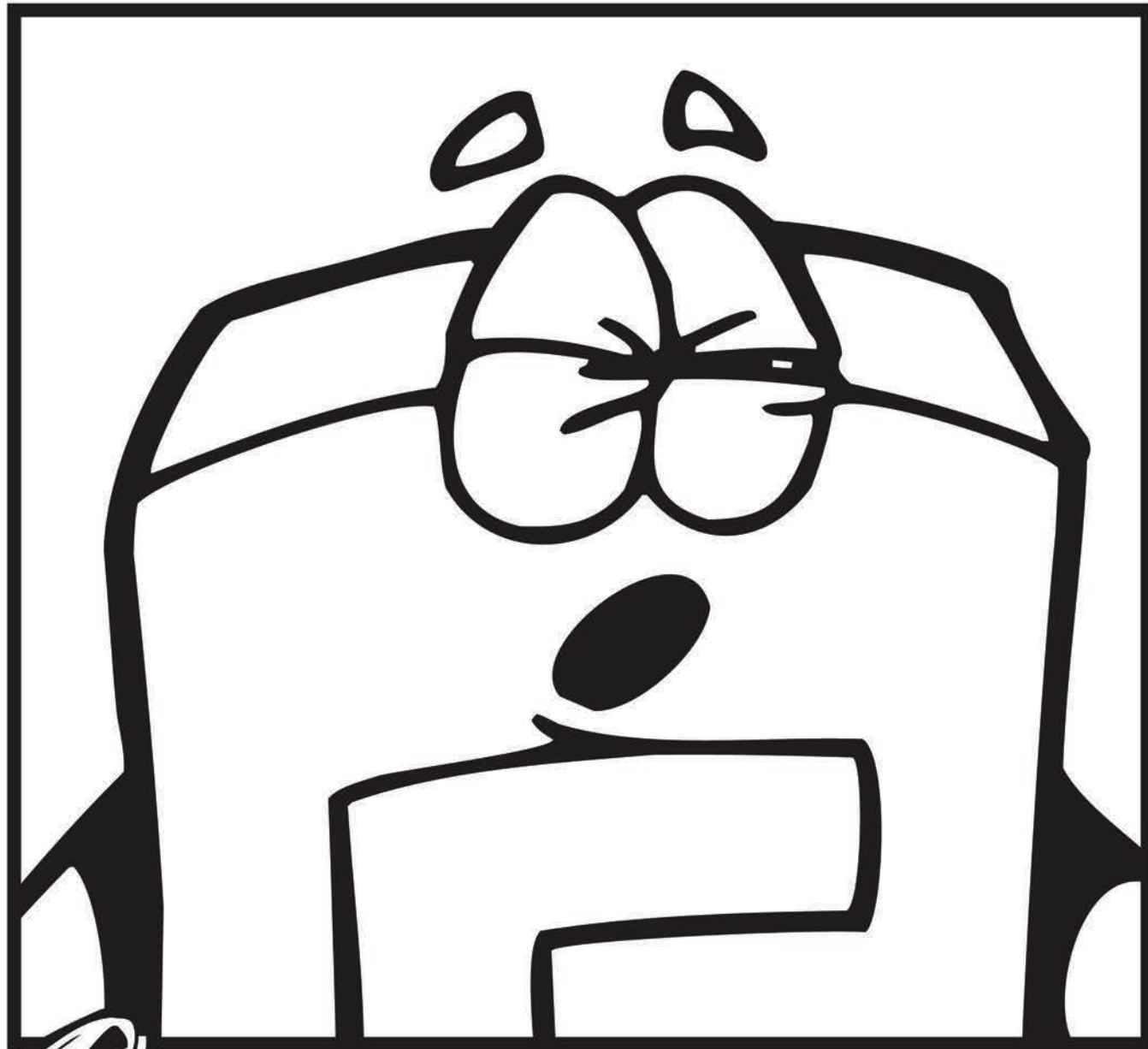
Ozone is a gas you can't see or smell. Ground-level
ozone is the bad ozone. It forms when air
pollutants from things like car exhaust
and factories mix with hot sunlight. When
humans breathe in too much bad ozone, they
can have trouble breathing. The good ozone is
high above the ground where we cannot breathe it.
Good ozone protects us from the sun's harmful rays.
Remember, ozone is good up high, bad nearby.



DOTTIE BOTTLE

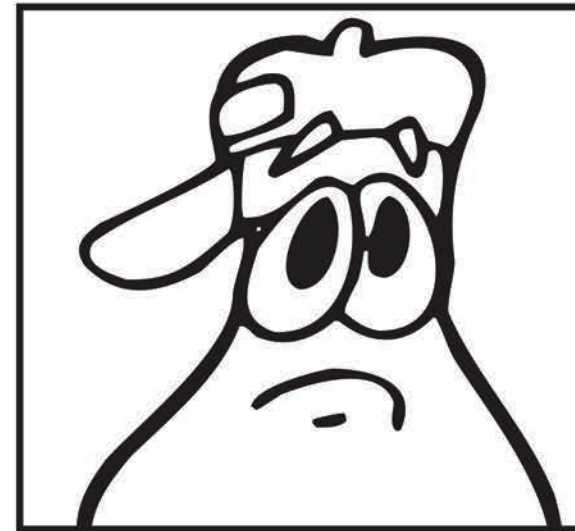
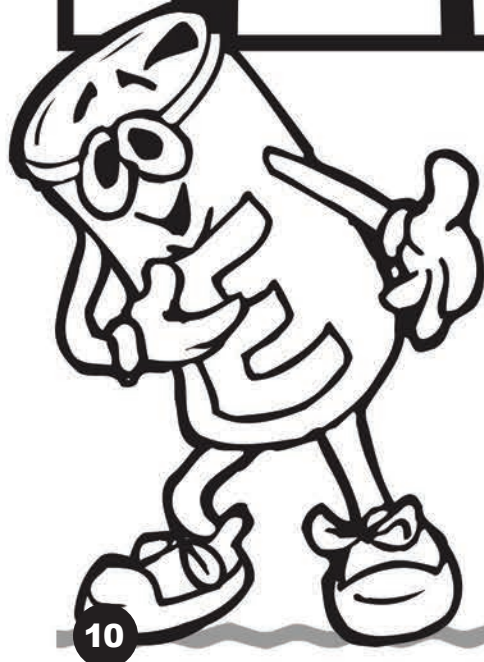
ALIAS: Ms. Glass. **PROFILE:** Dottie Bottle is a master of
disguise. She frequently changes her colors and may
appear in green, clear and brown. All colors are 100 percent
recyclable. Glass never wears out – it can be recycled forever
into new glass bottles and jars.





ALUMINUM CAN GUY

ALIASES: Can Man, The Six-Pack Kid.
PROFILE: Aluminum Can Guy is one of the most wanted recyclables in the country. He is notorious for his quickness and “can-do” attitude. He can be recycled into a new aluminum can and be back on the store shelf within six weeks.

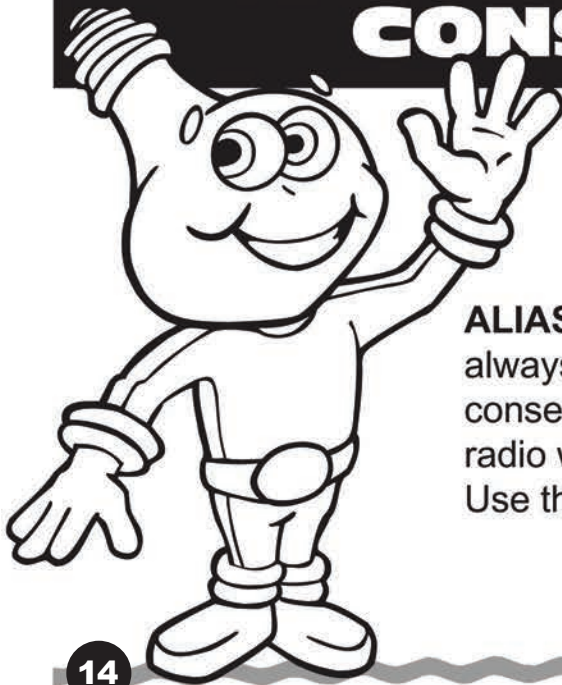
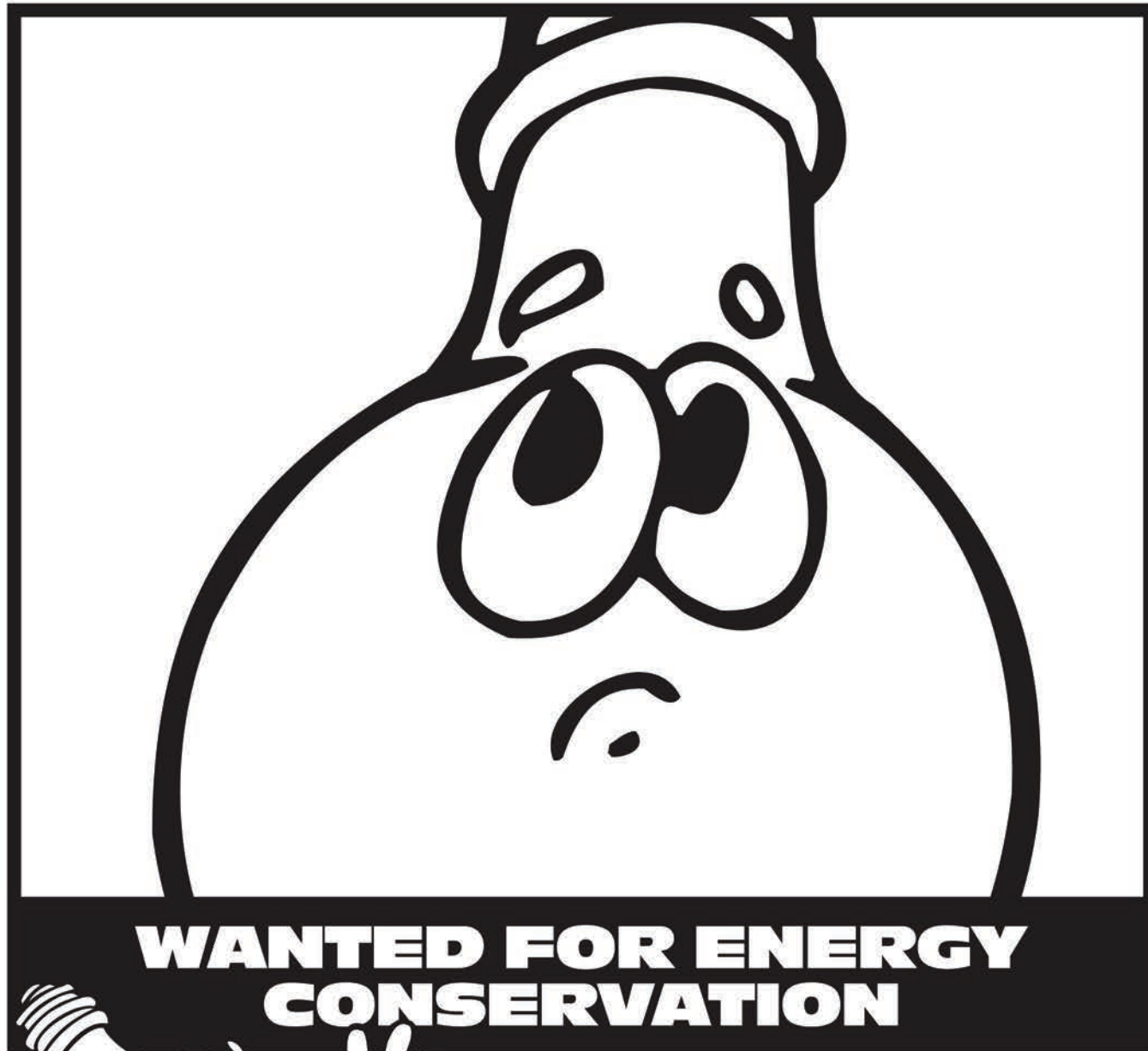


MOTOR OIL GUY & TIRE GUY ARE CONSIDERED DANGEROUS IF DISPOSED OF IMPROPERLY.

All others are considered harmless, unless they are litter. If located, please pick up and deposit in the nearest recycling bin. For further information, please contact your local solid waste recycling district or call **1-800-988-7901** or visit **www.recycle.IN.gov**.

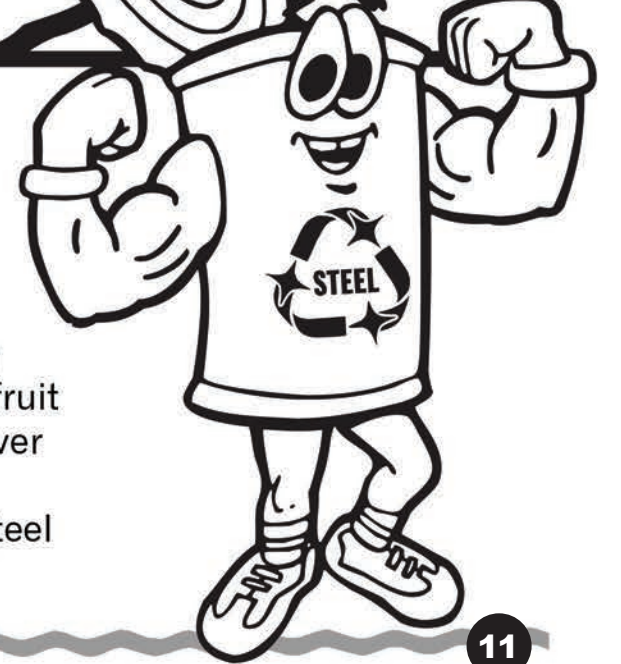
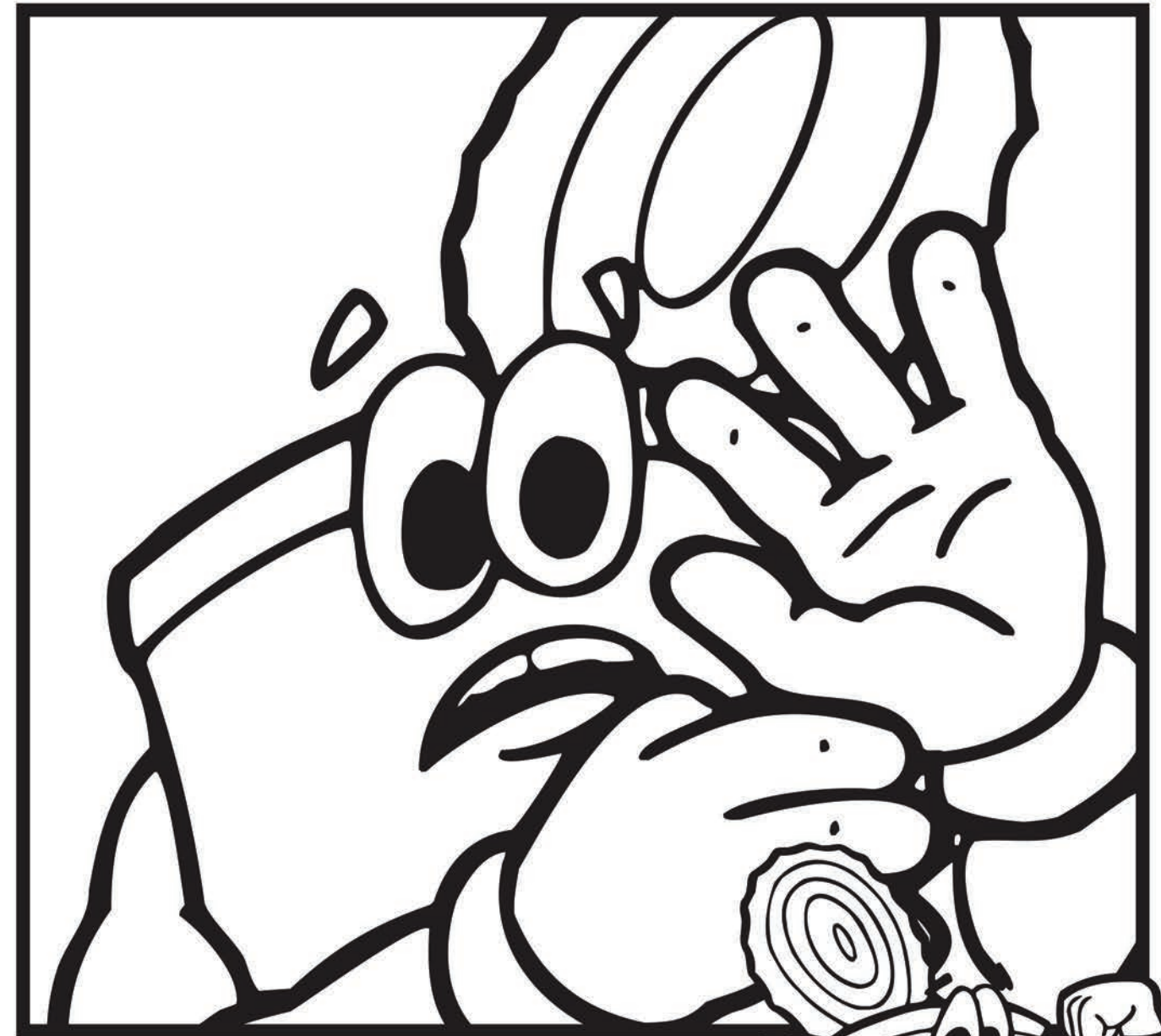
REWARDS FOR RECYCLING

- Save natural resources, energy and landfill space.
- Support your local recycling program.
- Protect Indiana’s environment.



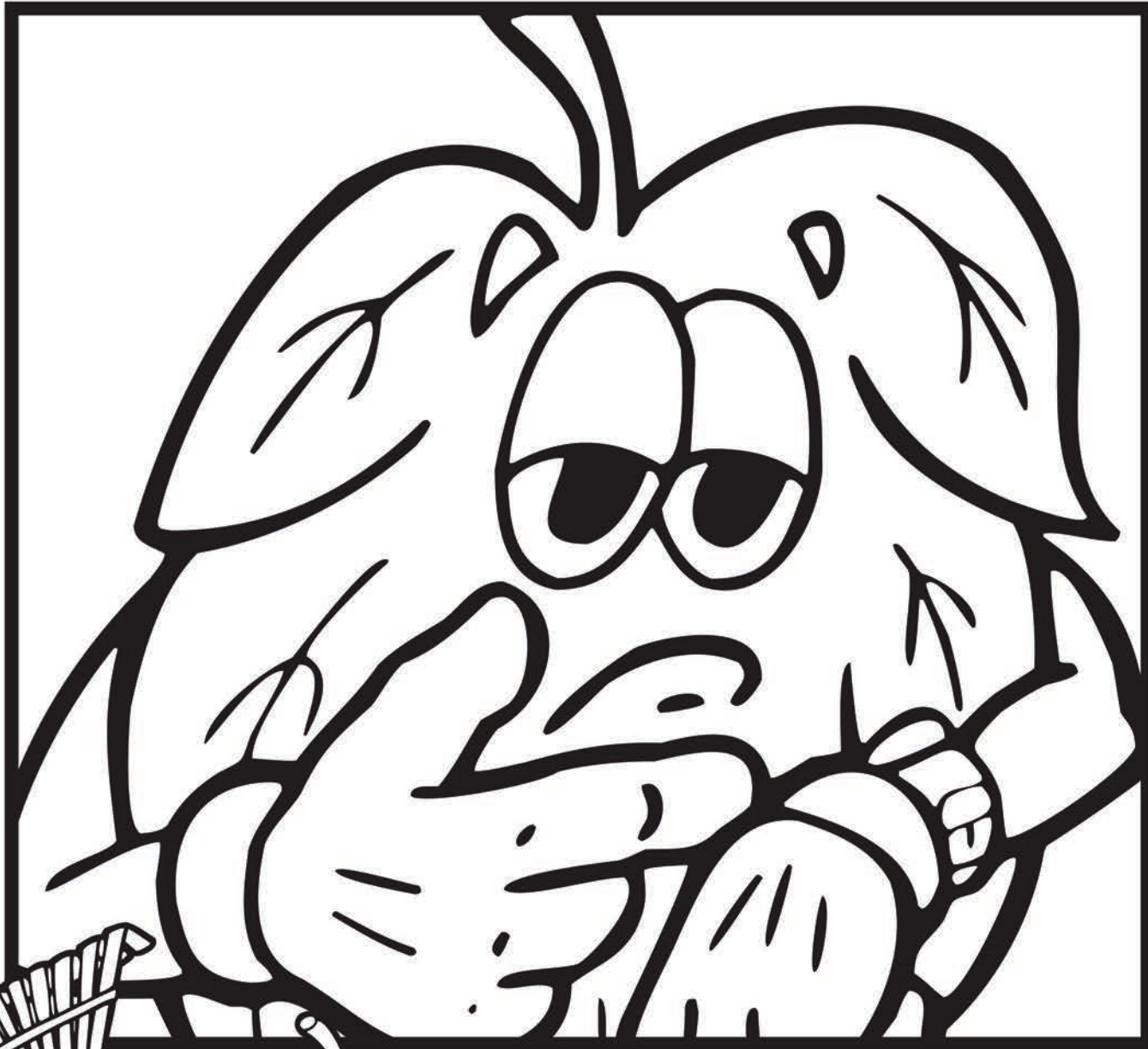
E2

ALIASES: The Kilowatt Kid, Sunny. **PROFILE:** E2 is always out to save a buck (and natural resources) by conserving energy. Turn off the lights, computer, TV and radio when leaving a room. Use energy-efficient bulbs. Use the sun's light, too – sit by a window to read.



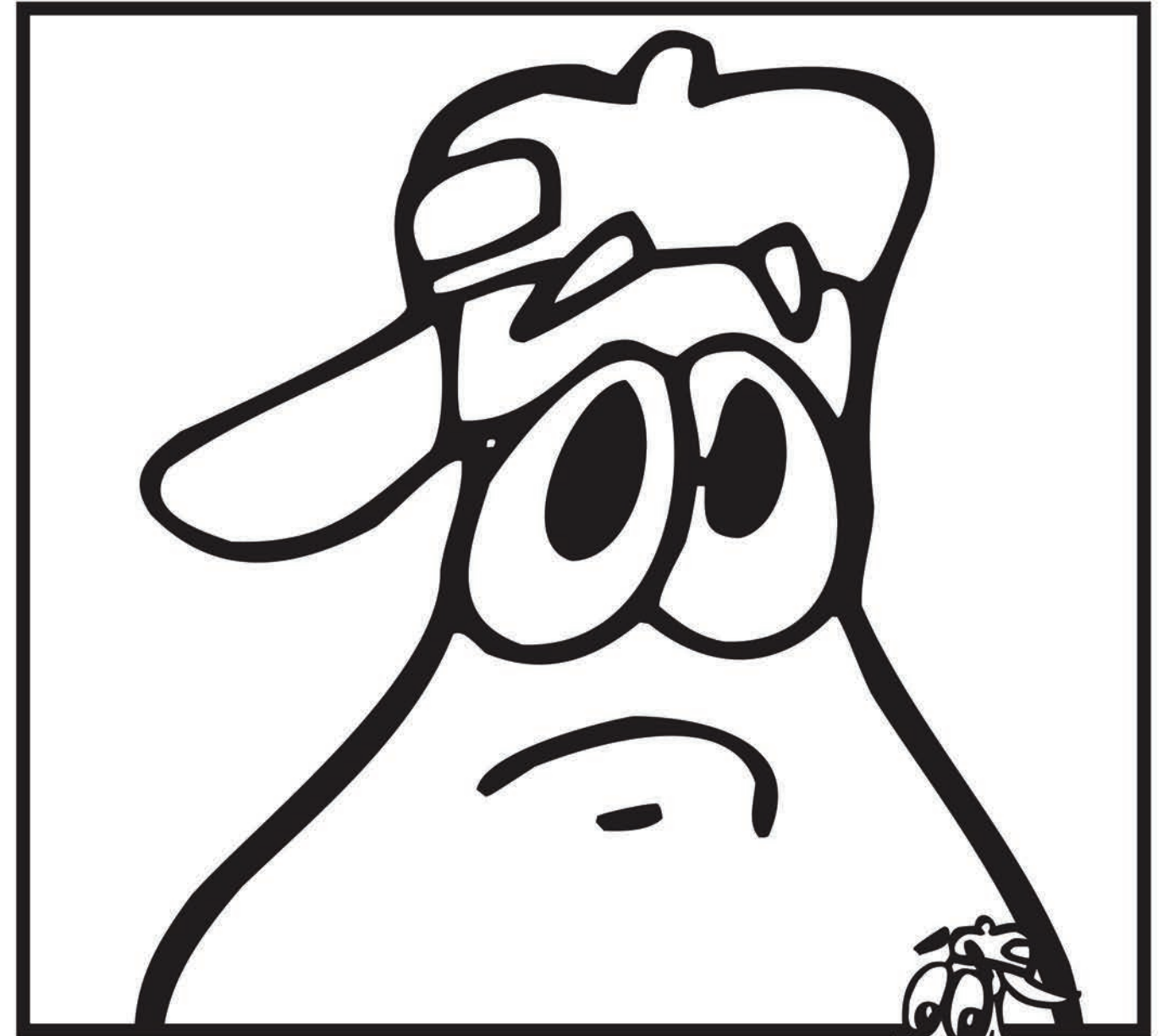
STEEL CAN GUY

ALIAS: The Steel City Kid. **PROFILE:** Steel Can Guy is a tough character. Steel cans, like soup, fruit and vegetable cans, can be recycled over and over again into new steel products. All new steel contains recycled steel. In fact, when you buy steel products, you're buying recycled.



COMPOST GUY

ALIAS: Leaf Brown. **PROFILE:** Compost Kid and his Scrap Food Gang are the most trouble when placed in a garbage can or bag. If placed in a compost bin at home, over time they make a rich soil amendment for gardens and flower beds.



MOTOR OIL GUY

ALIASES: Slick, 10-W-30. **PROFILE:** If carelessly dumped, Motor Oil Guy poses a serious threat to aquatic life, wildlife and water supplies. Recycle your used oil, oil filters and oil bottles at collection sites across Indiana.

