

Recycling ACTIVITY BOOK

Follow the birds
Jasmine, Pablo, Lola,
and Michael as they
Reduce, Reuse,
Compost, and Recycle!



Reduce, Reuse, Recycle, and Compost

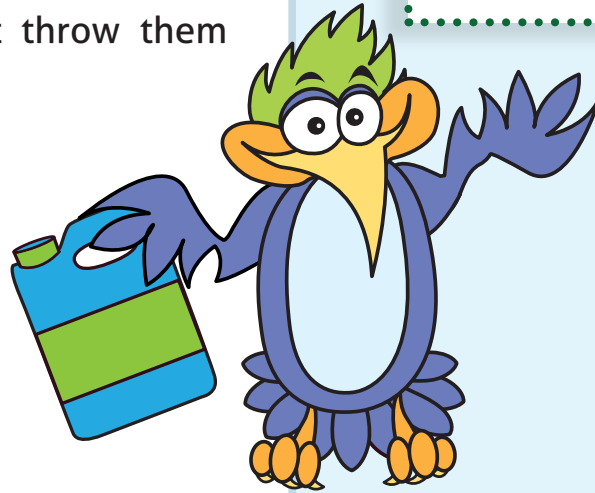
Learn these words and what they mean,
and you can help keep the planet healthy and clean.

REDUCE

Reduce means make less trash.

How do you do that? Ask for only what you need at the store. Don't get extras because you might just throw them away.

*Buy only what you need
and not any more.
Use it all up before going
back to the store.*



REUSE

Reuse means use something again instead of throwing it away.

For example, you could wash out an empty jelly jar and use it as a piggy bank.

You could also give your toys or clothes to a younger friend after you don't need them anymore.

*Glass, metal, and plastic,
can be reused again.
I made a plastic jar into a
piggy bank for my friend.*



Reduce, Reuse, Recycle, and Compost

Recycling is easy, just look for your family's bin. Grab your used paper and plastic and toss it right in.

RECYCLE

Recycling means protecting the planet by making sure stuff that can be made into new stuff doesn't end up in the garbage.

Did you know a lot of things can be made from old paper, plastic bottles, cans, and glass jars when you send them to a recycling facility?



COMPOST

Compost means nature's fertilizer.

Stuff from the kitchen that you don't eat, like banana peels, apple cores, and coffee grounds, are good for compost. So are grass clippings and leaves.

All of this combines to put nutrients in the soil to help your garden or other plants grow better. For fun you can add worms to the compost to stir up the good things plants need.

Ask an adult to help set up a compost pile, and you'll have healthy soil after a short while.



Michael's Match Up



Match Michael's words below to a meaning that you know.

- 1 Raw materials found in nature. _____
- 2 Cannot be replaced when used up. _____
- 3 Everything we throw away. _____
- 4 A means of converting kitchen and garden waste into a useful material. _____
- 5 Can be replaced by nature. _____
- 6 Limiting the purchase of items with unnecessary packaging. _____
- 7 To reprocess materials to make new products using the natural resource again. _____
- 8 To use a product or material again. _____

Word List

Composting

Solid Waste

Renewable

Natural Resources

Recycling

Reuse

Non-Renewable

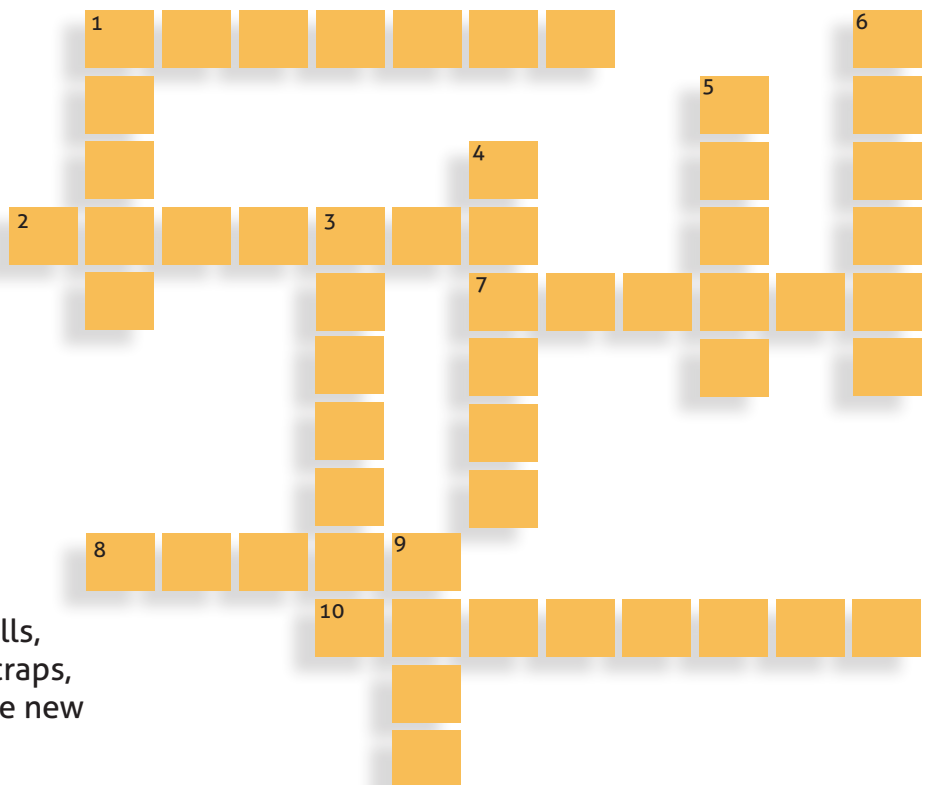
Reduction

Recycling Crossword Challenge

Write the correct word in the numbered clues.
Put those letters in the crossword and you cannot lose!

Across

- 1 Milk jugs, water bottles, and laundry soap containers made of _____ can be recycled and made into many different products.
- 2 When you _____, you help make your community cleaner and safer.
- 7 Instead of throwing them away, _____ unwanted clothing and toys for others to use.
- 8 Pickles can be bought in _____ jars.
- 10 For a cleaner _____, reduce, reuse, and recycle today!



Down

- 1 When we recycle _____, we help save trees.
- 3 When you _____ egg shells, coffee grounds, vegetable scraps, and yard clippings you create new soil.
- 4 When we drink from a glass instead of a paper cup, we _____ the amount of waste produced.
- 5 Tin, aluminum, and copper are different types of _____ that can be recycled.
- 6 Glass jars and plastic containers can be _____ in your playroom.
- 9 It's important to _____ plastic by the number on the bottom of the container.

Jasmine's Word Juggle

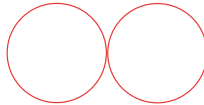


Jasmine needs help with these juggled words. See if you can help this puzzled bird.



CERLCYE

R



1

9

TLMEA

M

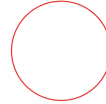


2



NCSA

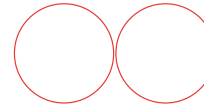
C



5

LIACPST

P

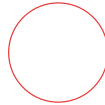


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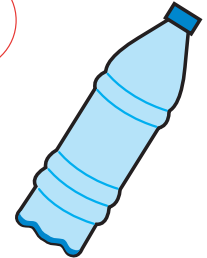
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ERPPA

P

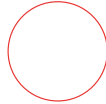


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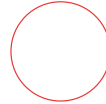


LSGSA

G



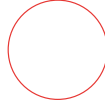
4



11

CERUDE

R

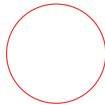


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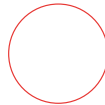


TAWSE

W

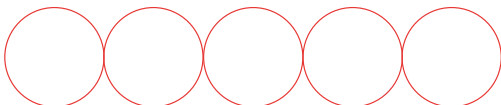


12



8

Now, put all the numbered letters together in this space.



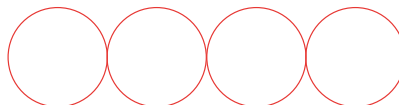
1

2

3

4

5

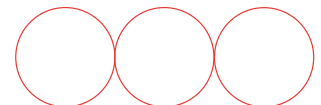


6

7

8

9



10

11

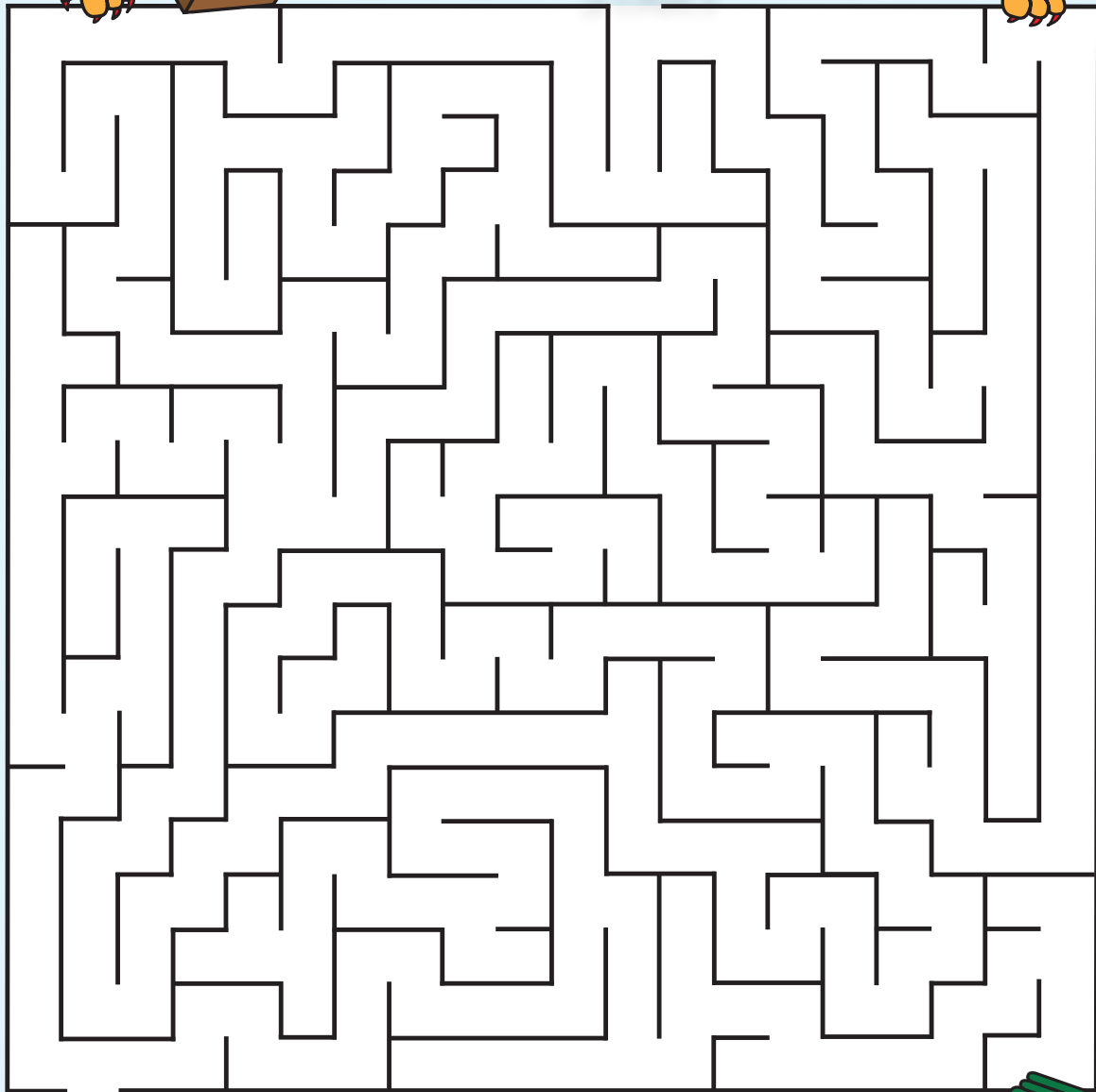
12

You'll be **AMAZED** at What Can Be Recycled!

Recycling is fun for Lola and Jasmine
when you show them the
way to get to the bin.



START



FINISH



Math Mash-Up



It really adds up
when we all recycle.
Crack the code and see a
message from Michael.

$4/8 - 6/12 = \underline{\hspace{2cm}} a$

$75 \div 3 = \underline{\hspace{2cm}} c$

$106 - 99 = \underline{\hspace{2cm}} d$

$32 \div 4 = \underline{\hspace{2cm}} e$

$3 \times 4 = \underline{\hspace{2cm}} g$

$75 \div 15 = \underline{\hspace{2cm}} h$

$7 + 7 + 8 = \underline{\hspace{2cm}} i$

$36 \div 12 = \underline{\hspace{2cm}} l$

$77 \div 7 = \underline{\hspace{2cm}} y$

$36 \times 1/2 = \underline{\hspace{2cm}} w$

$5 + 7 + 3 + 8 = \underline{\hspace{2cm}} v$

$31 - 18 = \underline{\hspace{2cm}} u$

$4 \times 4 = \underline{\hspace{2cm}} s$

$42 \div 2 = \underline{\hspace{2cm}} t$

$84 \div 42 = \underline{\hspace{2cm}} r$

$91 - 87 = \underline{\hspace{2cm}} n$

$2 + 5 + 6 + 4 = \underline{\hspace{2cm}} o$

$3 \times 3 = \underline{\hspace{2cm}} p$

16 0 23 8 8 4 8 2 12 11 0 4 7

4 0 21 13 2 0 3 2 8 16 17 13 2 25 8 16

2 8 7 13 25 8 0 22 2 0 4 7

18 0 21 8 2 9 17 3 3 13 21 22 17 4

2 8 25 11 25 3 22 4 12 22 16 21 5 8

2 22 12 5 21 21 5 22 4 12 21 17 7 17 !

Lola's Concealed Code

When these mixed up words have been solved, they'll help you know how to get involved!



DECUER

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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LMATE

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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LCYREEC

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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STOOMCP

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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TCPASLI

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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EUSRE

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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ILOTNUOPL

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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EPRPA

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SAGLS

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YBUDECCLYR

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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If you _____ ,
you use less _____ !

Hazardous Waste Secret Code



You have to be careful when hazardous waste is around.

And always remember to never dump it on the ground.

You will find some examples by using the key. Just answer the riddles, oh what waste will it be?

CODE KEY

A	B	C	D	E	F	G	H	I	J	K	L	M
✈️	🔔	🕒	🐣	👂	📄	👓	👋	👁️	🎃	🔑	🦄	📧
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
😊	✌️	✍️	⚠️	♻️	✂️	☎️	🌊	💖	🐟	☠️	🐮	🐾

Example W A S T E
 ✈️ ✂️ ☎️ 👂

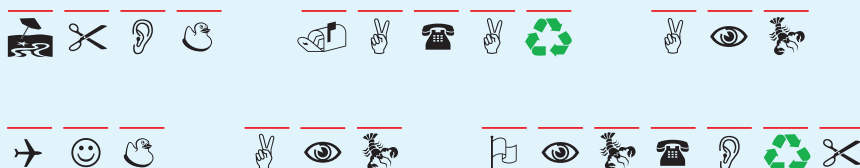
- 1 Rub and scrub, rub and scrub. You use this to clean the toilet and tub.



- 2 Dip your brush, spread it around, add blue to the sky, or brown to the ground.



- 3 Change these every 5,000 miles for your car and your engine will be a superstar.

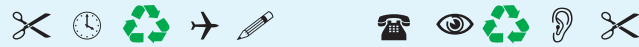


Hazardous Waste Secret Code

4 Store this fuel away from flames. It goes in cars, so, what's its name?



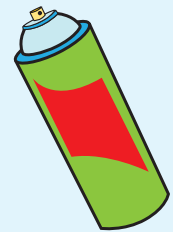
5 When they're dumped outside, environmentalists all shudder. Instead recycle these objects that are made of black rubber.



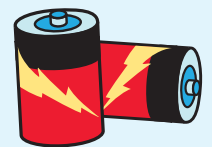
6 It may be hot, it may be cold, but with this fluid in a car, it helps it go.



7 Bugs are flying all around. One sniff of this and they'll all fall down.



8 We use these to make some toys run. Without them, it's just not as fun.



9 Liquid or solid, paste or glue, store them properly so they won't harm you.



Word Search

Find the words before recyclables get tossed.
Look diagonally, down, and across.

Word List

buy recycled landfill ores reduce
compost litter paper reuse
environment metal plastic tires
glass oil recycle



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

Trash Treasures

Pablo needs help with these hidden words.
See if you can help this puzzled bird.



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

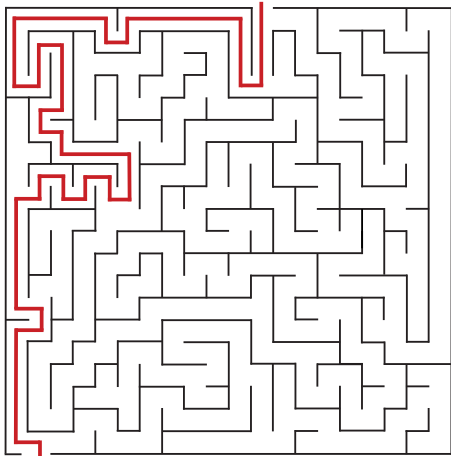
Word List

aluminum	compost	glass	plastic	reuse
cans	earth	metal	recycle	sort
cardboard	garbage	paper	reduce	waste

Answer Pages

REDUCE
REUSE
RECYCLE
COMPOST

You'll be AMAZED



Jasmine's Word Juggle

R E C Y C L E
1 9

M E T A L
2

C A N S
5

P L A S T I C
7 6

P A P E R
3

G L A S S
4 11

R E D U C E
10

W A S T E
12 8

C L E A N C I T Y
1 2 3 4 5 6 7 8 9

U S A
10 11 12

Math Mash-Up

$4/8 - 6/12 = \underline{0} \quad a$

$75 \div 3 = \underline{25} \quad c$

$106 - 99 = \underline{7} \quad d$

$32 \div 4 = \underline{8} \quad e$

$3 \times 4 = \underline{12} \quad g$

$75 \div 15 = \underline{5} \quad h$

$7 + 7 + 8 = \underline{22} \quad i$

$36 \div 12 = \underline{3} \quad l$

$77 \div 7 = \underline{11} \quad y$

$36 \times 1/2 = \underline{18} \quad w$

$5 + 7 + 3 + 8 = \underline{23} \quad v$

$31 - 18 = \underline{13} \quad u$

$4 \times 4 = \underline{16} \quad s$

$42 \div 2 = \underline{21} \quad t$

$84 \div 42 = \underline{2} \quad r$

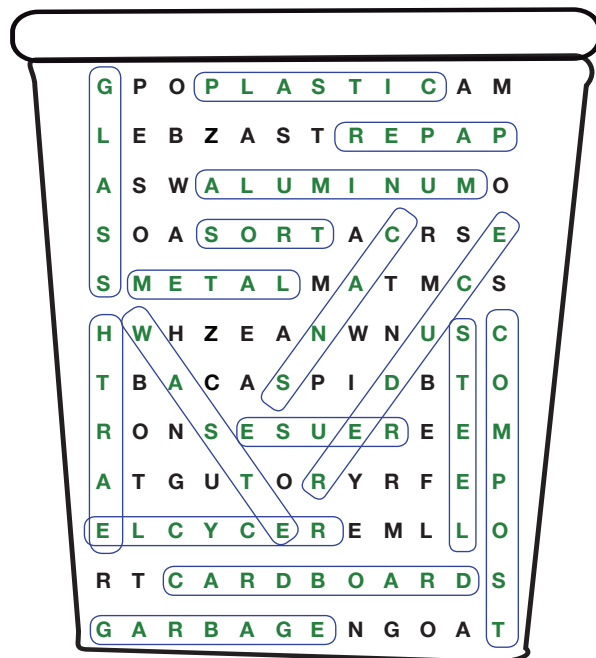
$91 - 87 = \underline{4} \quad n$

$2 + 5 + 6 + 4 = \underline{17} \quad o$

$3 \times 3 = \underline{9} \quad p$

Save energy and natural resources.
Reduce air and water pollution.
Recycling is the right thing to do!

Trash Treasures



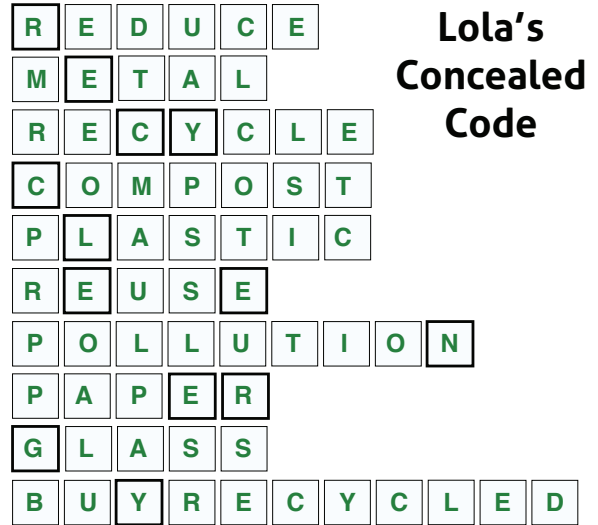
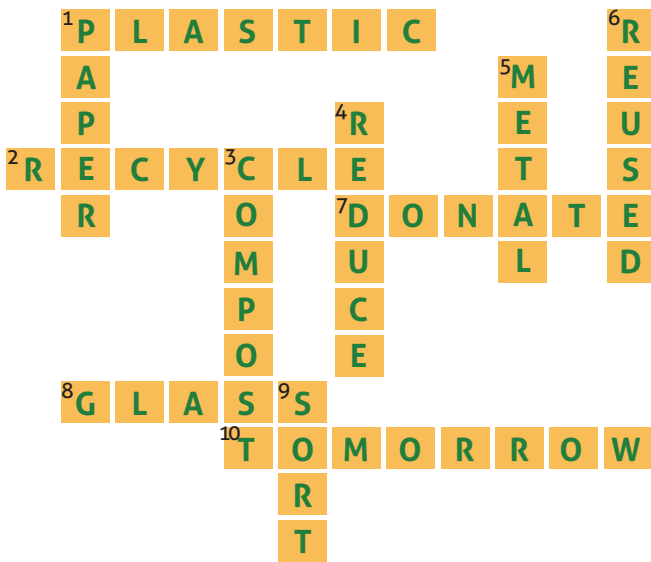
Michael's Match Up

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



REDUCE
REUSE
RECYCLE
COMPOST

Recycling Crossword Challenge



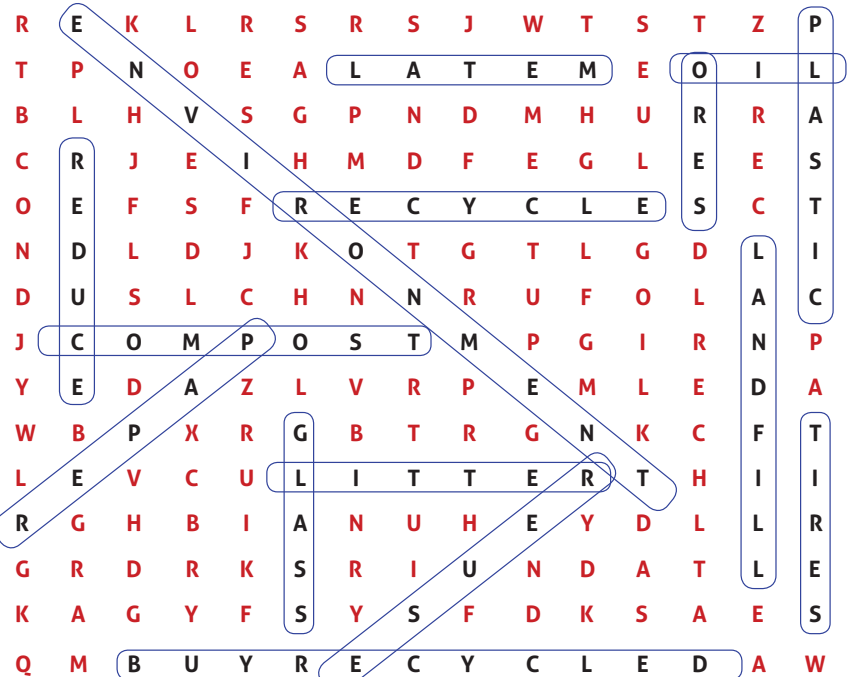
Lola's Concealed Code

If you RECYCLE,
you use less ENERGY!

Hazardous Waste Secret Code

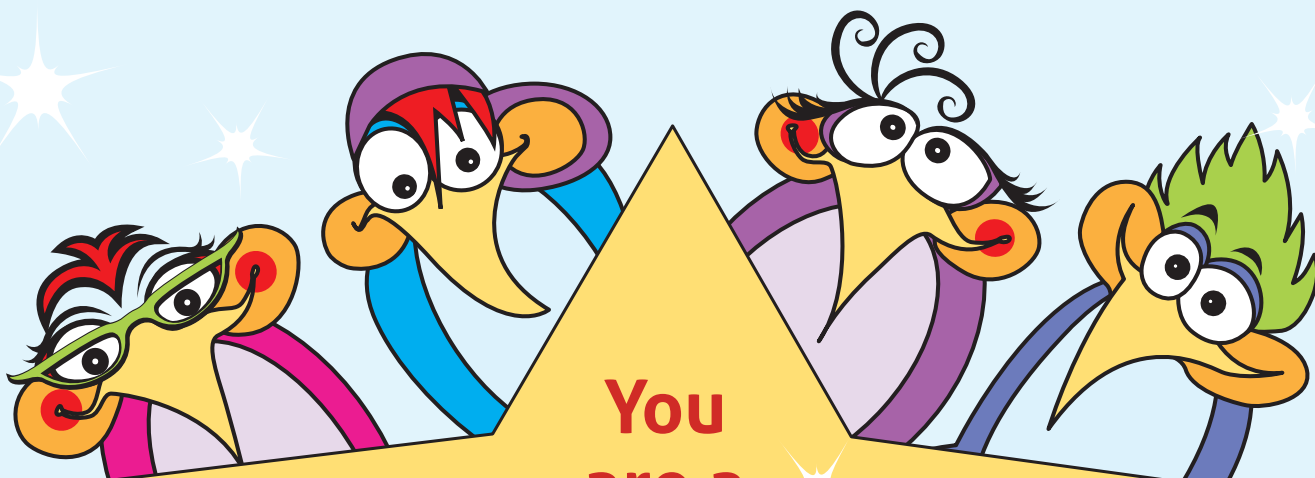
- 1 Household cleaners
- 2 Paint and paint thinners
- 3 Used motor oil and oil filters
- 4 Gasoline
- 5 Scrap tires
- 6 Antifreeze
- 7 Insecticides
- 8 Batteries
- 9 Adhesives

Word Search



Congratulations!

I completed the activity book,
and I am now a recycling star!
I promise to look for
recycling items near and far.

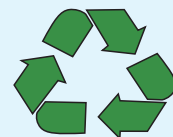


**You
are a
Recycling Star!**

Your Name



A publication of the Houston-Galveston Area Council
and the Texas Commission on Environmental Quality



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