

# ZERO

## PHOENIX'S RECYCLING RAPTOR



**Recycle Right with Zero:**

Learn about Phoenix  
recycling and help  
preserve Zero's home



City of Phoenix

While building the city's recycling facility, a worker discovered a strange-looking blue egg.



The workers watched over the strange-looking egg with care, until one day...the egg hatched! Instead of a bird...out came a velociraptor! They named him Zero for zero waste. The workers raised him in the recycling facility hoping someday he could teach everyone in Phoenix how to reduce, reuse and recycle.



## Zero Waste

is the city's goal to eliminate almost all waste sent to landfills by the year 2050.



**Growing up, Zero enjoyed helping the workers sort through recyclable materials.** He learned a lot about recycling by watching and talking to the friendly workers.

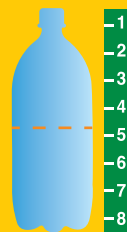


**In his free time,** Zero gathers recyclable materials to make crafts as gifts for his friends. His favorite craft is taking a plastic bottle and turning it into a planter.

## Here is how:



plastic bottle



mark 1/2 way



cut (ask for an adult's help)




cover opening with cloth and rubber band



flip upside down, add dirt and plant



Place inside bottom piece, add water



*I love to recycle  
different materials  
but the one material  
I do not like are  
plastic bags!*

**Plastic bags get tangled in the recycling machines and break them. His friends have to untangle the bags and that can be dangerous.**



**Zero loves when the recycling facility  
can make clean bales of recyclables.**

Zero wants YOU to recycle right to help keep the desert clean and beautiful.



























# Help Zero crack the codes!



**1** An            is **infinitely** recyclable, which means that it can be recycled over and over.

**2**            are NOT recyclable in your household recycle container. Please bring them back to a retail or grocery store for recycling.

**3** The three R's of Phoenix Recycling are    and    and       .

**4** When recycling at home, leave items      and not      .

## SECRET CODE

 = a	 = d	 = g	 = l	 = o	 = s	 = y
 = b	 = e	 = h	 = m	 = p	 = t	
 = c	 = f	 = i	 = n	 = r	 = u	

# WHERE IS ZERO


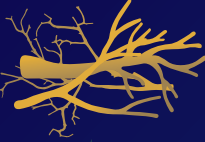


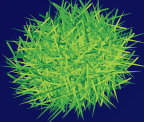

















HOW MANY ZEROS  
CAN YOU FIND?

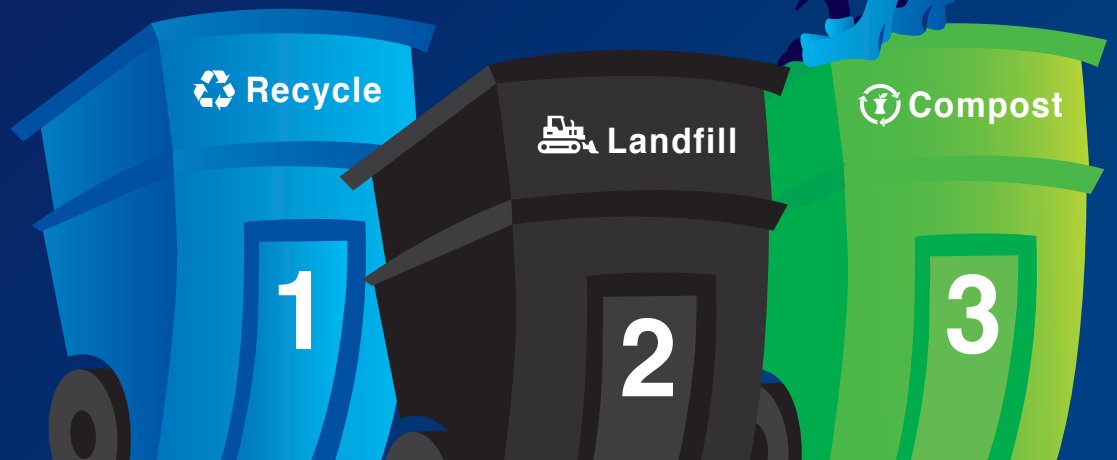


(Answer Key: There are 9 Zero's)

# Help Zero recycle right!

Write the container # next to the item to indicate where the item should be placed for collection.

- |                             |   |                              |   |                              |   |
|-----------------------------|---|------------------------------|---|------------------------------|---|
| 1. <input type="checkbox"/> |    | 9. <input type="checkbox"/>  |    | 16. <input type="checkbox"/> |    |
| 2. <input type="checkbox"/> |    | 10. <input type="checkbox"/> |    | 17. <input type="checkbox"/> |    |
| 3. <input type="checkbox"/> |    | 11. <input type="checkbox"/> |    | 18. <input type="checkbox"/> |    |
| 4. <input type="checkbox"/> |    | 12. <input type="checkbox"/> |    | 19. <input type="checkbox"/> |    |
| 5. <input type="checkbox"/> |    | 13. <input type="checkbox"/> |    | 20. <input type="checkbox"/> |    |
| 6. <input type="checkbox"/> |   | 14. <input type="checkbox"/> |   | 21. <input type="checkbox"/> |   |
| 7. <input type="checkbox"/> |  | 15. <input type="checkbox"/> |  | 22. <input type="checkbox"/> |  |
| 8. <input type="checkbox"/> |  |                              |   |                              |   |



# Help Zero unscramble the words.

## Word Scramble:

1. arep**P**

--	--	--	--	--	--

2. ss**G**al

--	--	--	--	--	--

3. **C**na

--	--	--

4. ctai**sP**l

--	--	--	--	--	--	--	--

5. a**lM**te

--	--	--	--	--	--

6. r**J**a

--	--	--

7. ad**rC**oadrb

--	--	--	--	--	--	--	--	--	--	--

8. **lM**ia

--	--	--	--	--

9. at**pO**Rr

--	--	--	--	--	--	--

10. y**cceR**le

--	--	--	--	--	--	--	--

11. f**l**ildna

--	--	--	--	--	--	--	--	--	--

12. r**Z**eo

--	--	--	--	--

13. e**R**cedu

--	--	--	--	--	--	--

14. se**R**ue

--	--	--	--	--	--

15. x**h**ieo**P**n

--	--	--	--	--	--	--	--

Hint: the word begins with the capital green letter

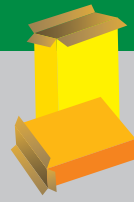


# Help Zero identify the materials that **DO NOT BELONG** in the recycle container.

Put an **X** next to the items that are **NOT** recyclable.



1



2



3



4



5



7



6



8



9



11



10



14



17



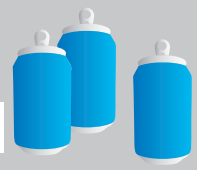
12



13



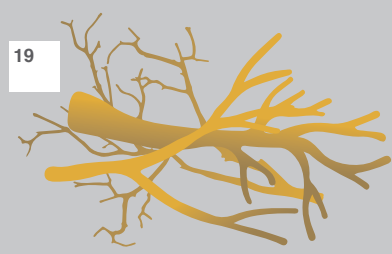
15



16



19



20



18



21



Help Zero find the words in this puzzle.



Zero's

Saving the earth  
one at a time.

Zero's



- Paper
- Glass
- Cans
- Plastics
- Zero
- Raptor
- Metal
- Recycle
- Compost
- Landfill
- Waste
- Bottles
- Cardboard
- Jars

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

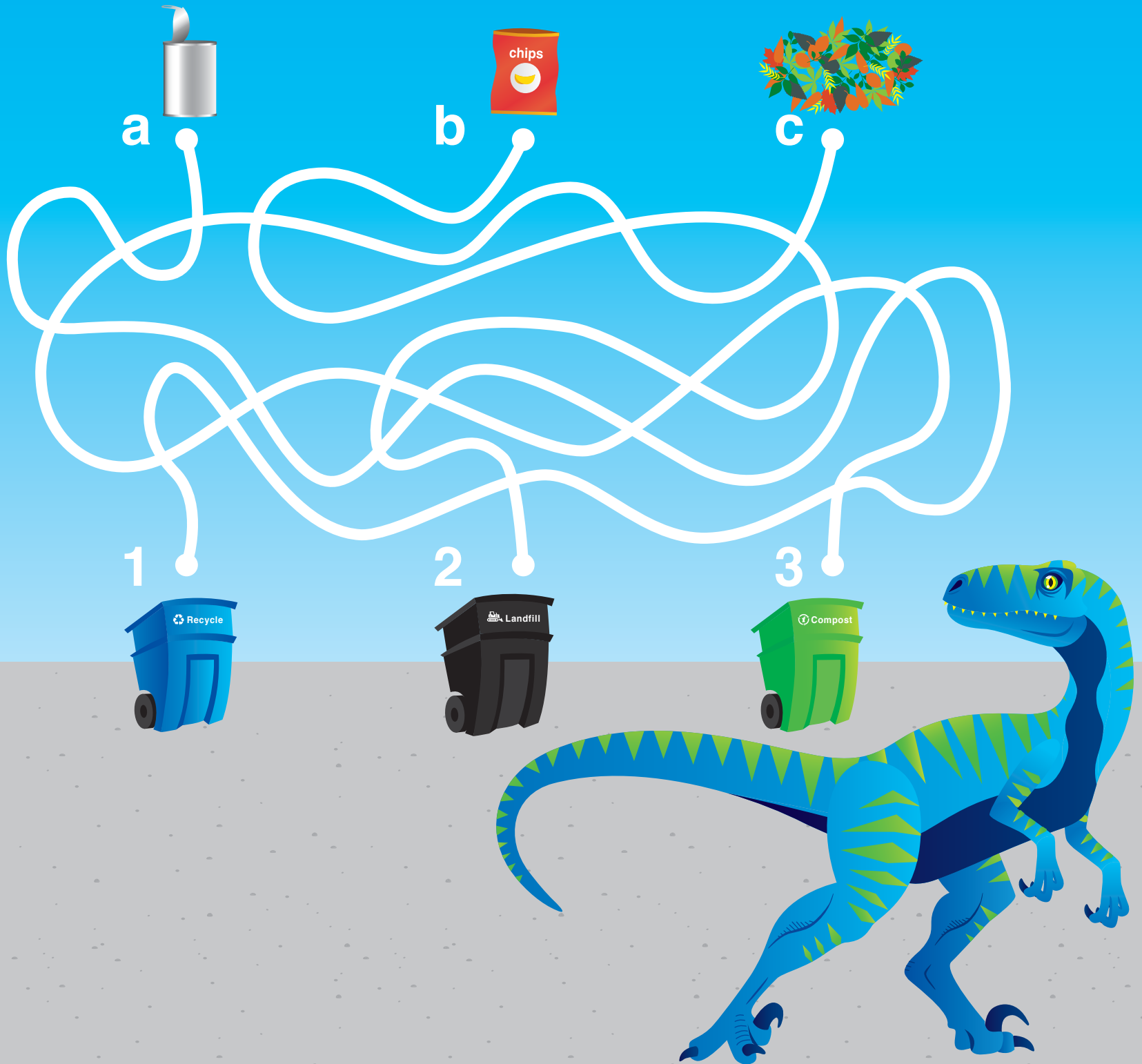
Help the plastic bottle make it to the recycle container.



START



# Help Zero place the items in the correct container.

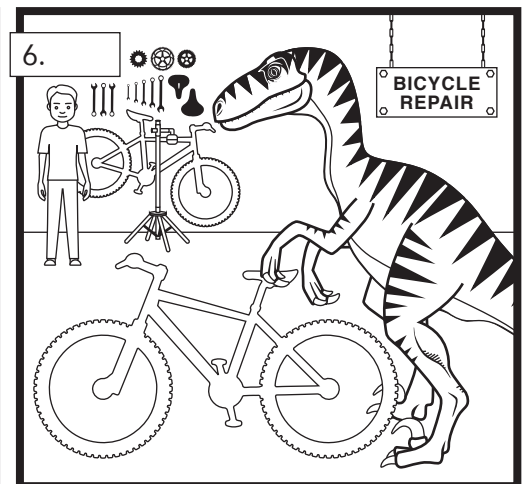
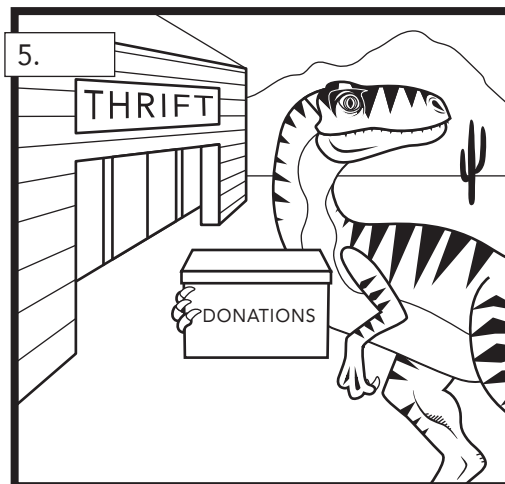
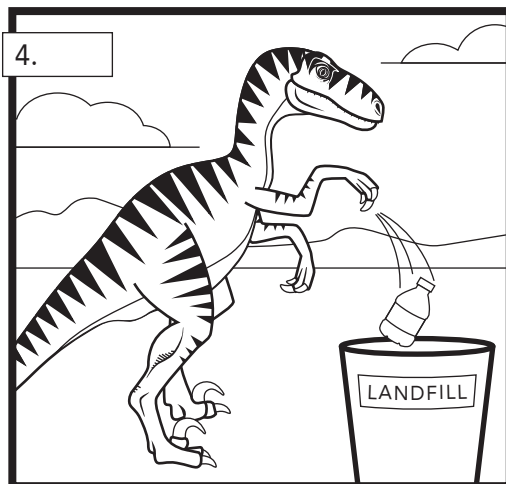
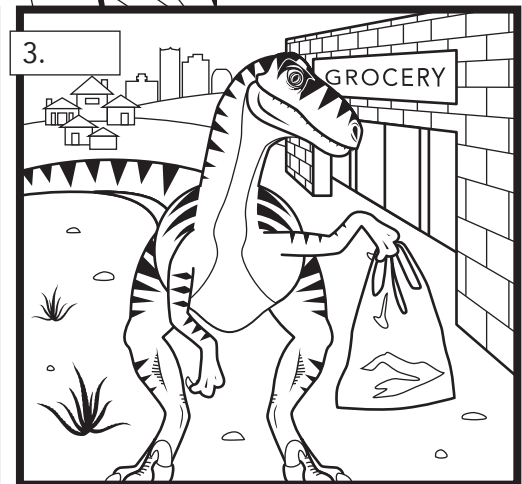
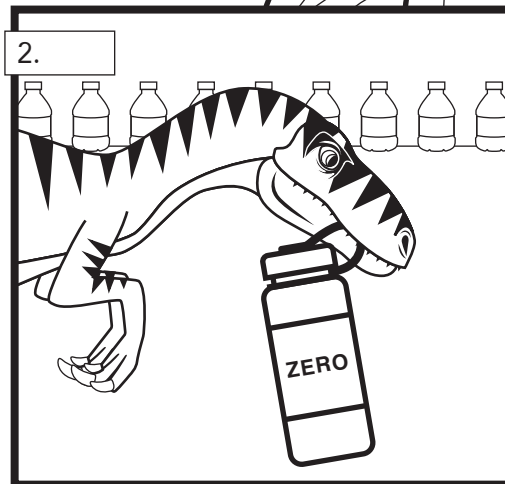
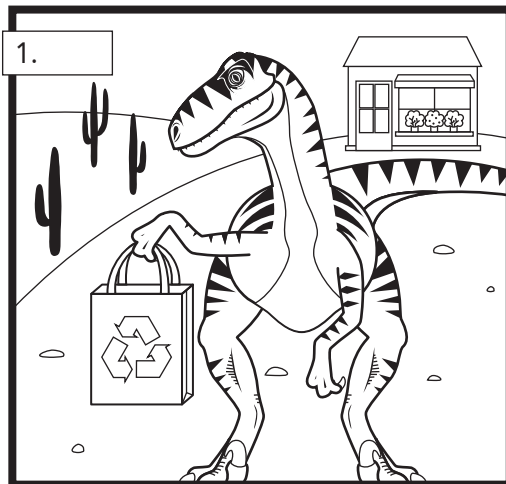




**Zero loves recycling,**  
but he knows that  
reducing your  
waste is much  
more important.

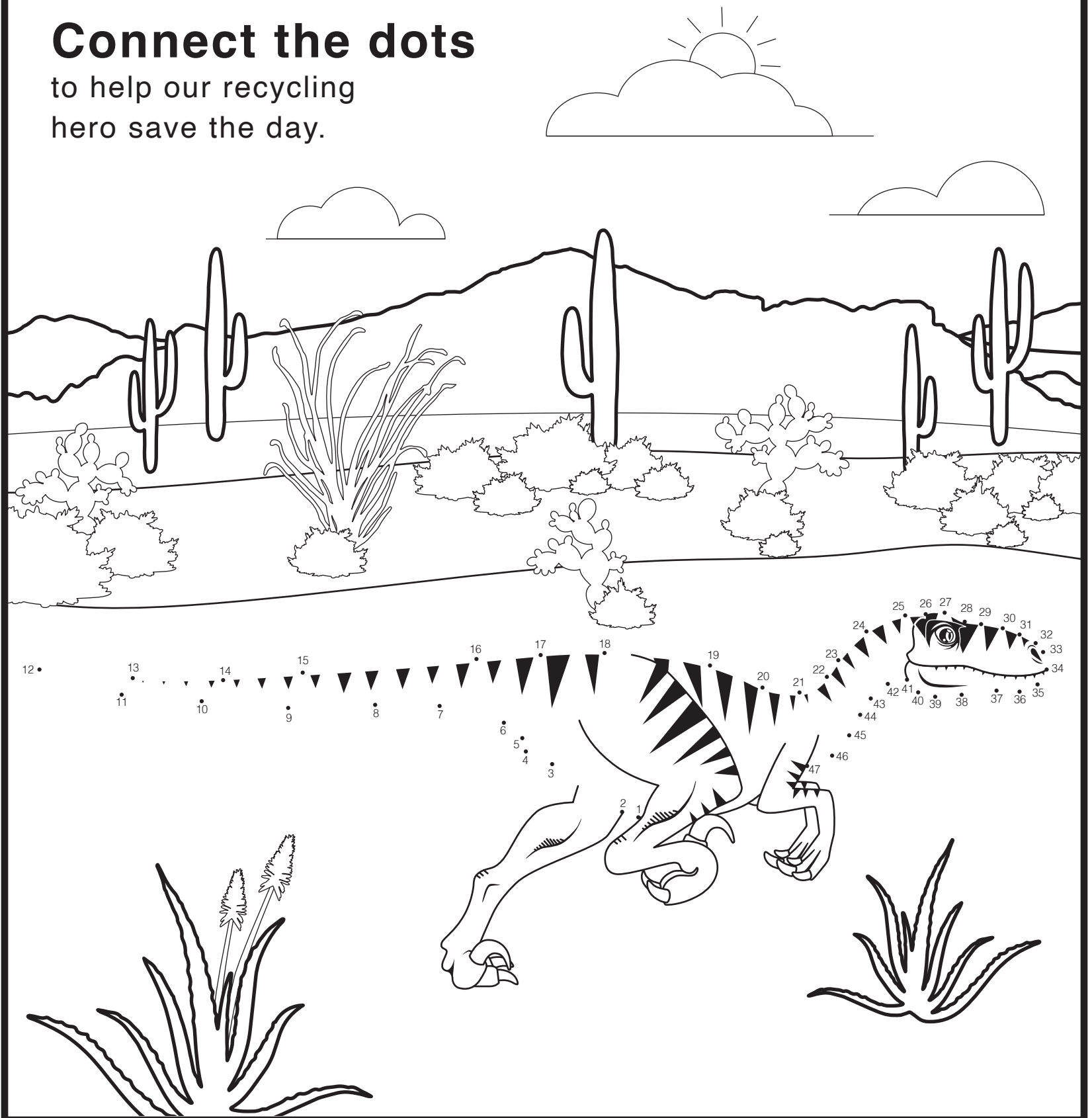


Put a ✓ next to the number  
showing me reducing waste.

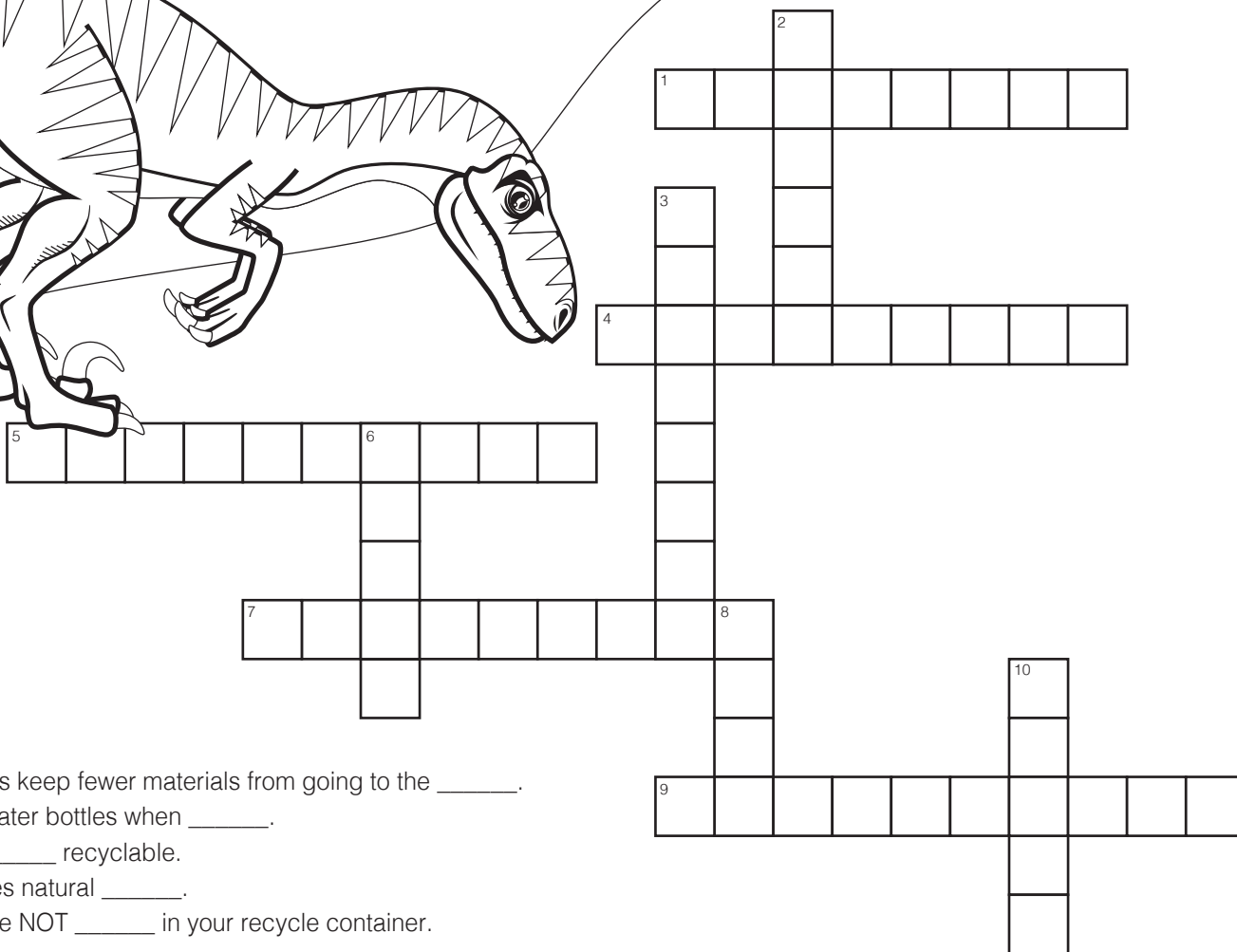
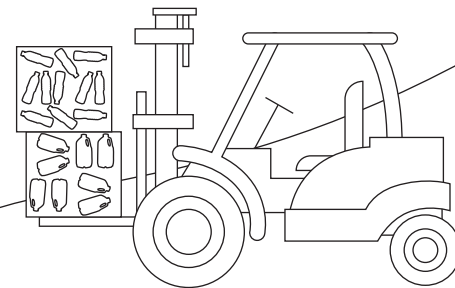


# Connect the dots

to help our recycling  
hero save the day.



# Zero needs your help to solve this puzzle.



## ACROSS

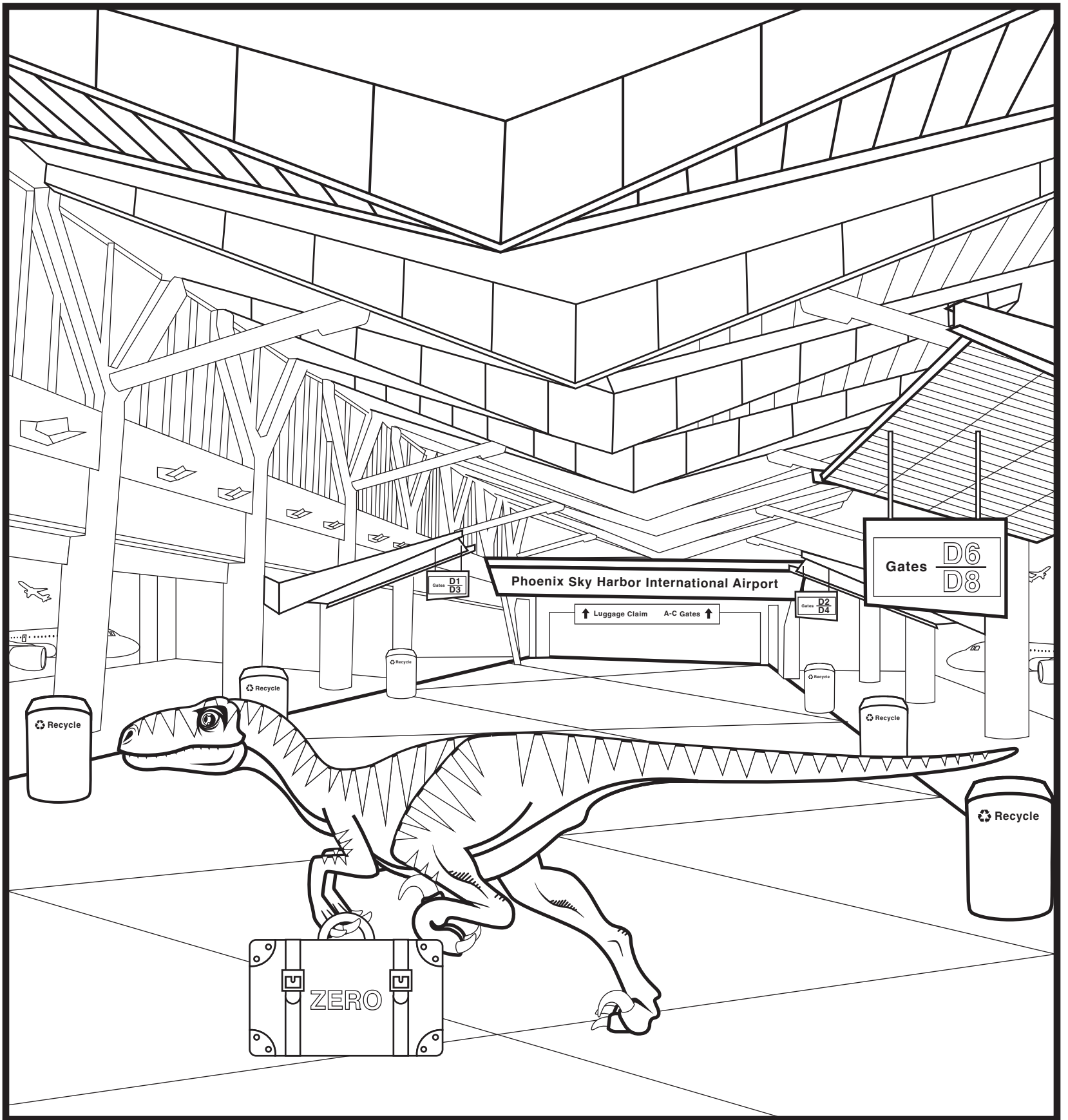
1. Recycling helps keep fewer materials from going to the \_\_\_\_\_.
4. Keep lids on water bottles when \_\_\_\_\_.
5. Aluminum is \_\_\_\_\_ recyclable.
7. Recycling saves natural \_\_\_\_\_.
9. Plastic bags are NOT \_\_\_\_\_ in your recycle container.

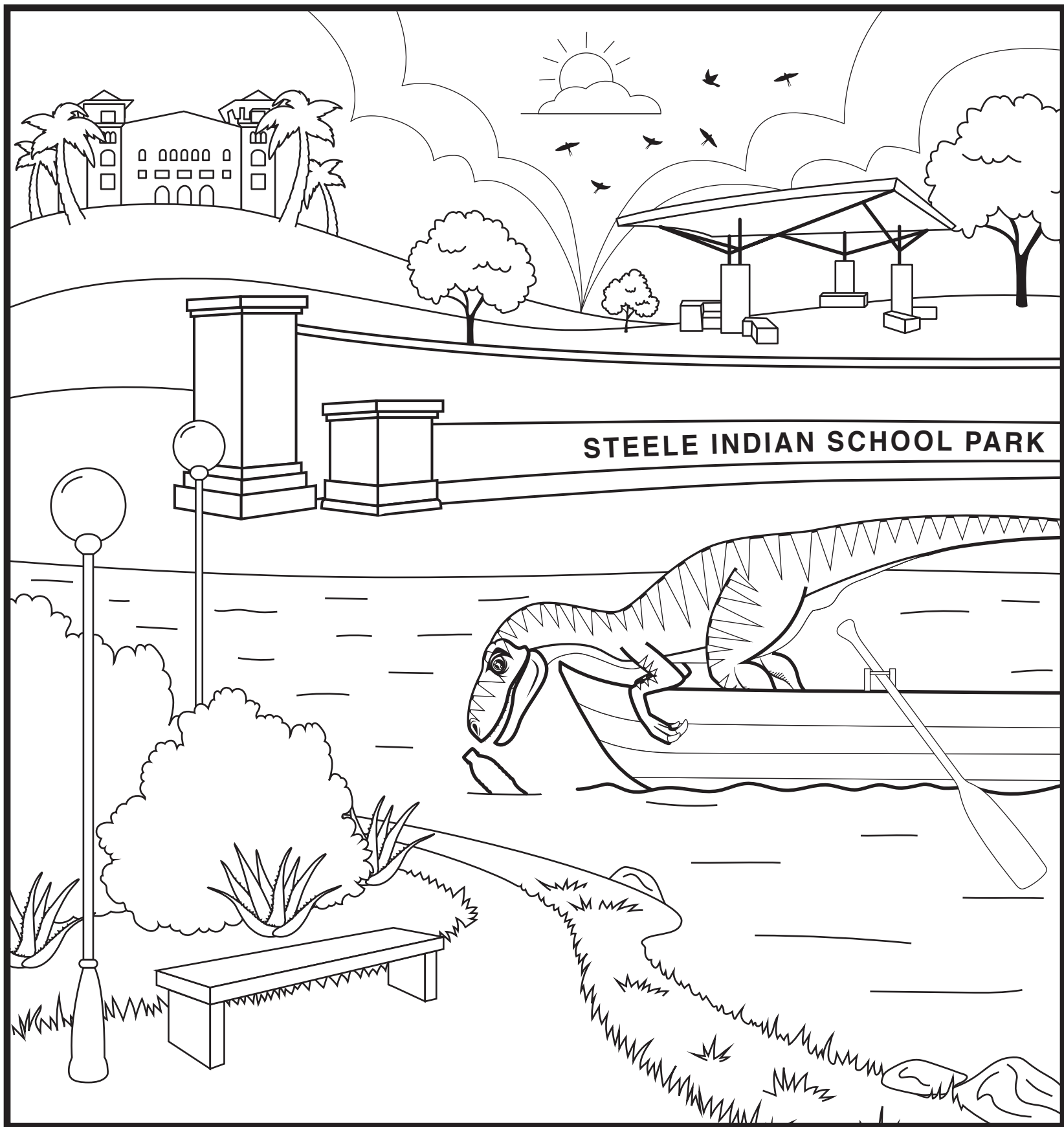
## DOWN

2. It takes less \_\_\_\_\_ to produce new products from recycled materials than it does from raw materials.
3. \_\_\_\_\_ must recycle in order to make the world a better place.
6. Thinking about \_\_\_\_\_ as a resource is a good way to save money and the environment.
8. If we create less garbage, our communities can \_\_\_\_\_ landfill space.
10. \_\_\_\_\_ bottles should have their lids removed before recycling.

## USE THESE WORDS

Resources	Infinitely
Energy	Everyone
Landfill	Recyclable
Recycling	Save
Glass	Trash





# Zero's Answer Key

## Page 8

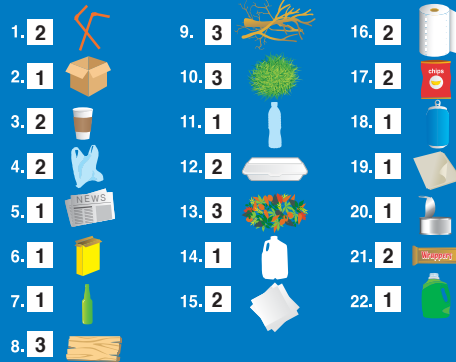
An **ALUMINUM CAN** is infinitely recyclable which means that it can be recycled over and over.

**PLASTIC BAGS** are not recyclable in your household recycle container. Please bring them back to a retail or grocery store for recycling.

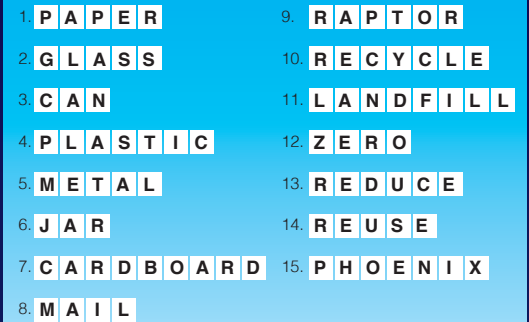
The three R's of Phoenix Recycling are **REDUCE**, **REUSE** and **RECYCLE**.

When recycling at home, leave items **LOOSE** and not **BAGGED** in the recycle container.

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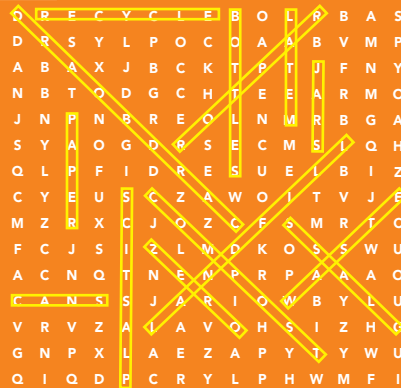
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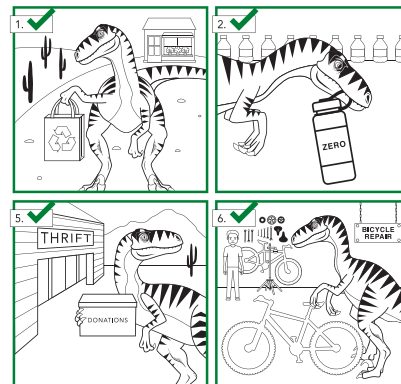
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## Page 17



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To learn more about how to recycle right,  
please visit [phoenix.gov/recycle](http://phoenix.gov/recycle)



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