

Recycle Coach Activity Packet

Ages 9-12



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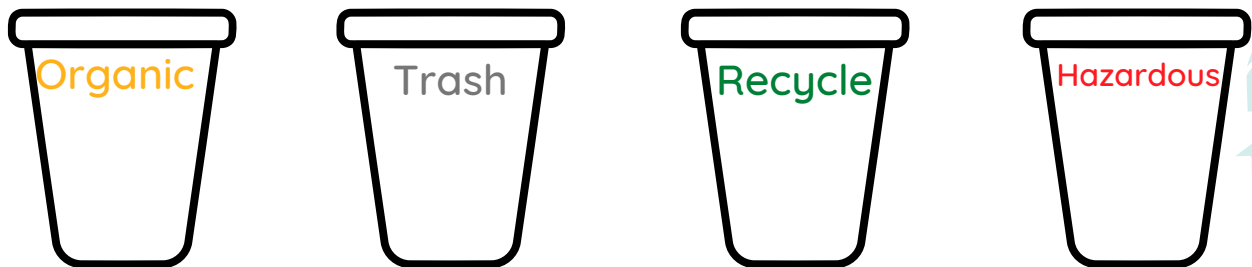


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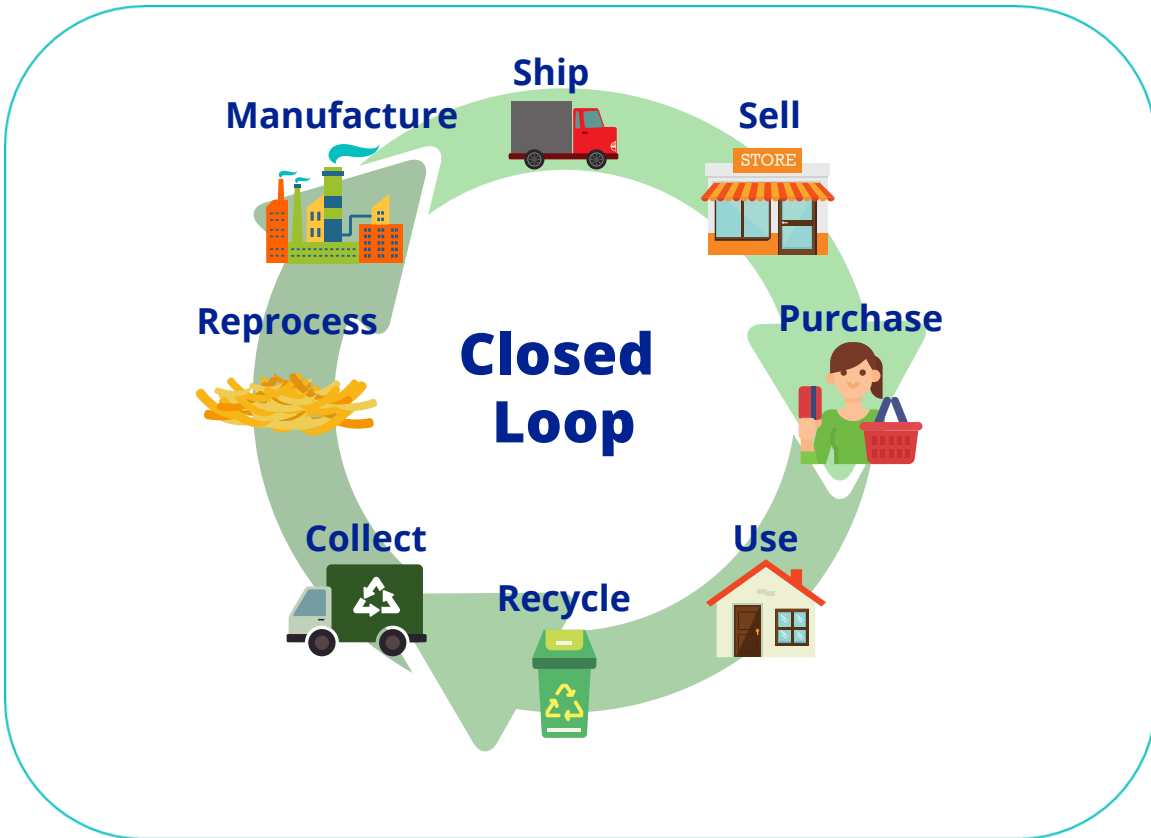
Sort the Items

Directions: Use the 'What Goes Where' search tool on the Recycle Coach Mobile App to sort these items correctly. Draw a line from each item to the correct bin. (arrows indicate two separate items to sort)



What is Circularity?

Explanation: A Circular Economy is when products are made to last longer, be shared, reused, or designed to be easily reprocessed or recycled into new materials. The goal in a circular economy is to have little to no waste. Ways to extend the life of products could involve sharing them (i.e. ride shares or rentals), repairing or refurbishing items, reusing or repurposing products, and of course recycling them.

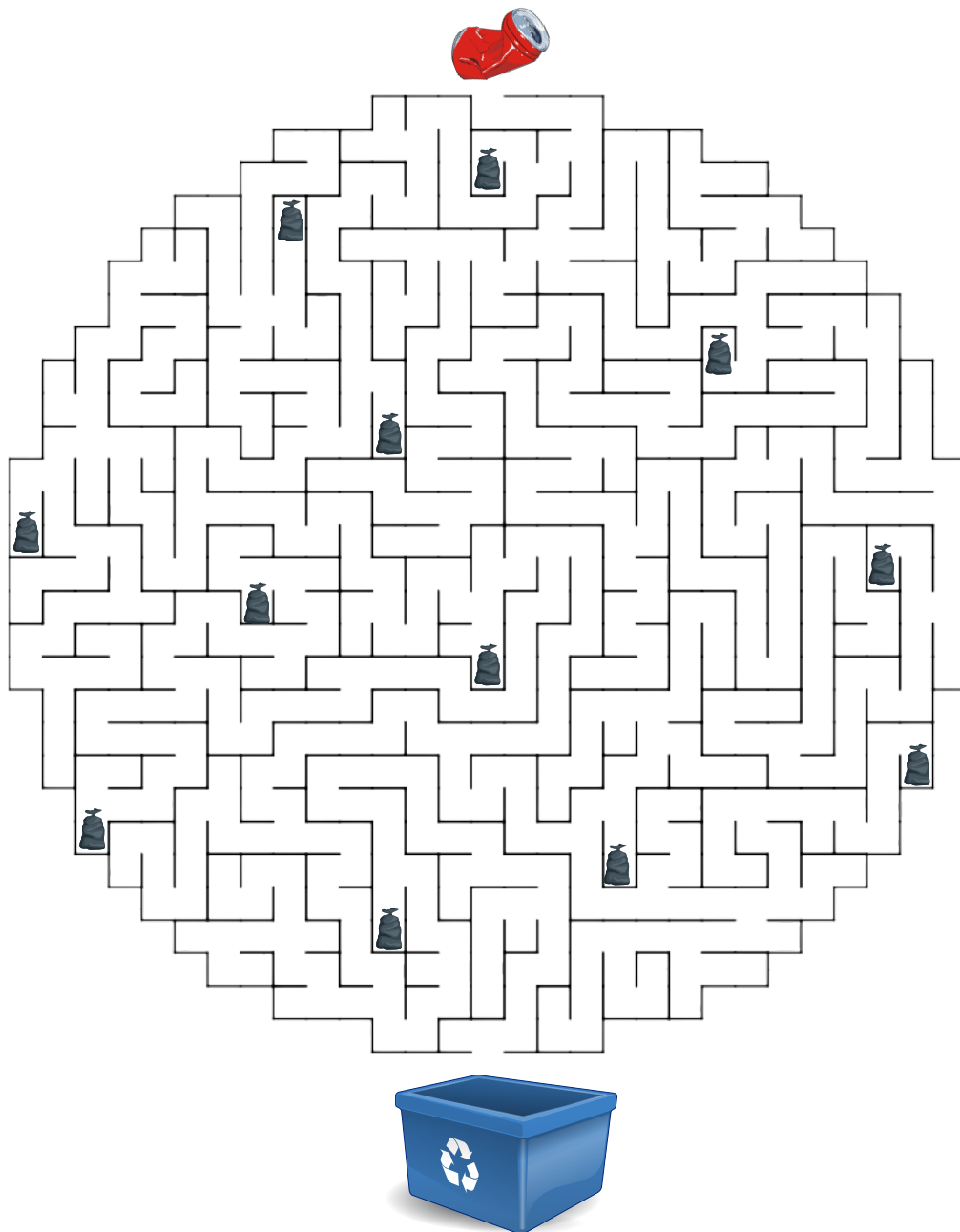


Directions: List 3 ways that you can participate in a Circular Economy in order to close the loop.

- 1 _____
- 2 _____
- 3 _____

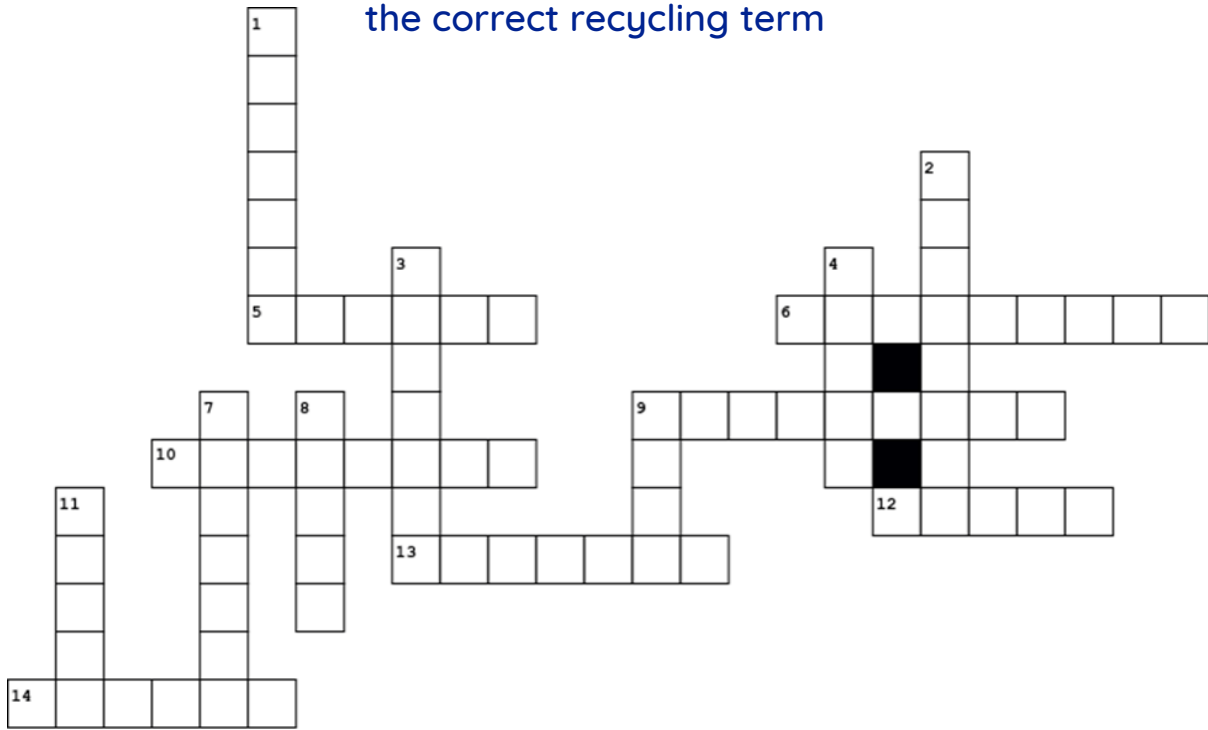
Maze

Directions: Can you get the aluminum can through the maze and to the recycling bin? If you've reached a garbage bag, you've gone the wrong way!



Crossword Puzzle

Directions: Read the clue and fill in the corresponding boxes with the correct recycling term



Across

5. Recycling materials takes less _____ than using new materials
6. What boxes are made of
9. These items inside your devices should only be recycled at a specialty locations (not your curbside bin) due to their risk of fire
10. Material soda cans are made from
12. Material that can be broken down into sand
13. What we should do with leftover foods
14. To use less

Down

1. The process of breaking down materials to be manufactured into new products
2. Trash goes to a _____
3. Able to decompose
4. Made from trees
7. Made from petroleum
8. All containers should be _____ and clean
9. Recycled material holders for your home
11. To use again



Cryptogram Message

Directions: Use the given key to decipher the sentence below.

Key

A	B	C	D	E	F	G	H	I	J	K	L	M
12	6	20	5	14	16	10	24	22	11	3	4	19

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
9	13	15	23	1	7	17	18	26	2	25	8	21

2 24 14 9 22 9 5 13 18 6 17

17 24 1 13 2 22 17 13 18 17 ,

12 26 13 22 5 1 14 20 8 20 4 22 9 10

20 13 9 17 12 19 22 9 12 17 22 13 9



Word Search

Directions: Find and circle the words from the word bank below.

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

- | | | | |
|-----------------|---------------|-----------------|---------------|
| hazardous waste | biodegradable | empty and clean | contamination |
| environment | curbside bin | pollution | containers |
| newspaper | cardboard | disposal | aluminum |
| landfill | tanglers | plastic | bottles |
| recycle | sorting | reduce | compost |
| repair | waste | paper | reuse |
| earth | glass | organic | renew |



T-Shirt Reusable Bag

Be your own textile recycler
while cutting down on plastic waste!

First cut the arms off of an old T-shirt. Then cut the neck hole wider



Then cut 2-3" slits about 1" apart across the bottom of the shirt.



Double knot the strips from the front and back of the shirt together. If you don't want visible fringe, turn the shirt inside out before tying.



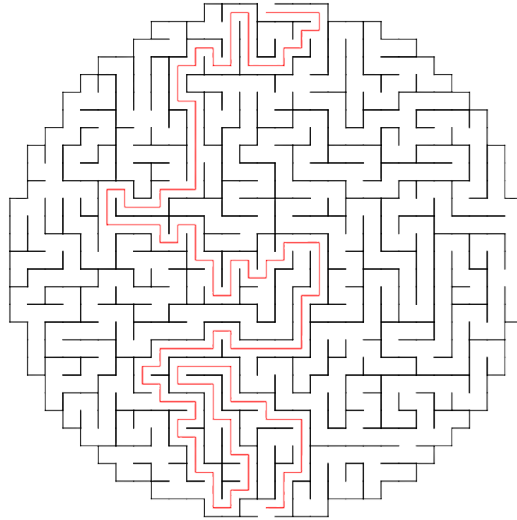
Use your new reusable bag for your shopping trips!



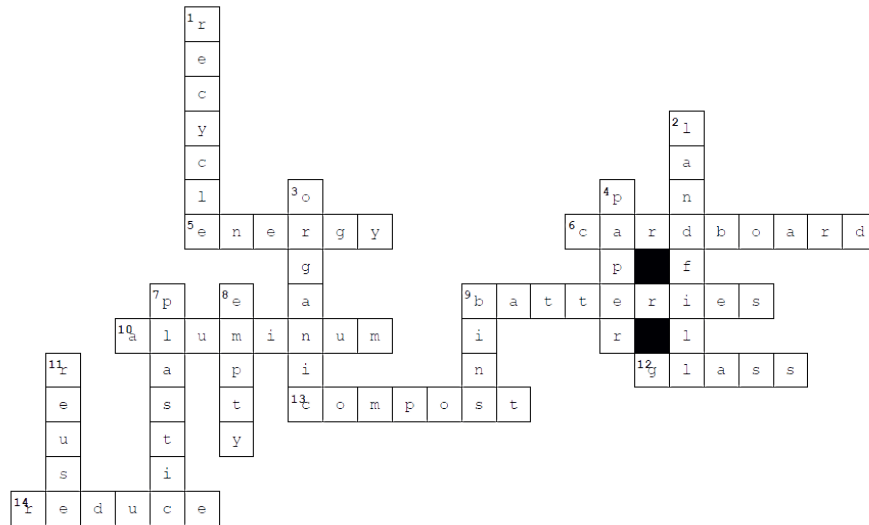
Answer Key

*** Each recycling program is unique in what it accepts, therefore any activity that asks you to look up items in the 'What Goes Where' search tool will not have answers provided in this answer key. The correct answer for each item are searchable on the Recycle Coach Mobile App.

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5




Answer Key

6

W H E N I N D O U B T
T H R O W I T O U T ,
A V O I D R E C Y C L I N G
C O N T A M I N A T I O N

7

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


 We want to hear from you and help you recycle better!
 Send your feedback and suggestions about this packet to
education@recyclecoach.com



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