

# Recycle Coach Holiday Activity Packet

Ages 9-12



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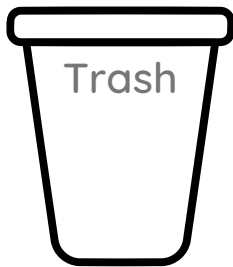


[www.recyclecoach.com](http://www.recyclecoach.com)



# Sort the Items

Directions: Use the "What Goes Where" search tool on the Recycle Coach mobile app to sort these holiday items correctly. Draw a line from each item to the correct bin.



# Crossword Puzzle

## Word Bank

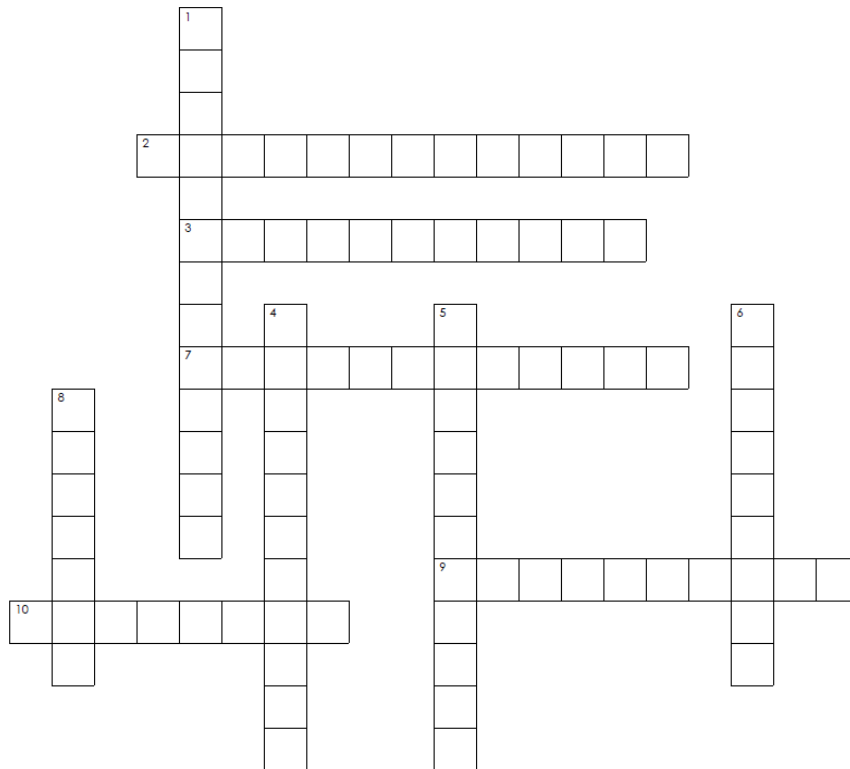
BROKEN GLASS  
CANDLES

COMPOSTING  
FOOTPRINT

GREENHOUSE GAS  
MICROPLASTICS

PAPER TOWELS  
PLASTIC BAGS

REUSABLE  
STRING LIGHTS



### Across

2. This is a mixture of carbon dioxide and methane that traps heat in the atmosphere and warms the planet.
3. This material is already broken down into too small of fibers to be recycled.
7. This holiday item can get easily tangled in recycling facility sorters, so they are not accepted as recycling.
9. This is the natural process of recycling organic matter which can help reduce negative effects of food waste.
10. Using a \_\_\_\_ water bottle can prevent excess landfill waste and pollution while also requiring less oil to produce.

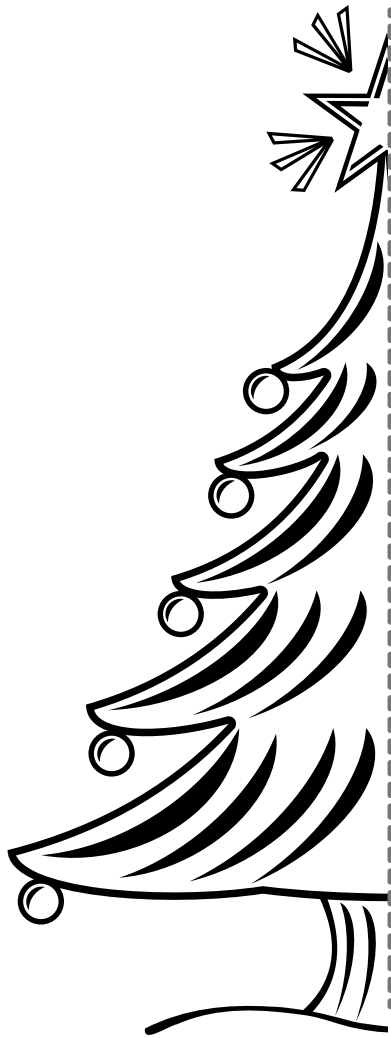
### Down

1. These tiny debris are widely found in oceans due to pollution and can be harmful to aquatic life.
4. \_\_\_\_ ornaments are never accepted for recycling due to the danger of sharp edges.
5. This material causes pollution during manufacturing and continues to stay toxic even after it breaks down.
6. Your carbon \_\_\_\_ is the total amount of greenhouse gases that are generated by your actions.
8. Wax and grease can wreak havoc during the recycling process, so these are not accepted for recycling.



# Draw the Other Half

Directions: Draw a mirror image of the picture given to complete the image. Finish the picture by coloring it in.



Be sure to look up on the mobile app how to properly dispose of both real and artificial Christmas trees in your area.



# Word Search

**Directions:** Find and circle all the listed holiday waste items that are hidden in the grid. Then look up the item in the "What Goes Where" search tool on the mobile app. Check the box if it is recyclable.

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

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Artificial Tree | <input type="checkbox"/> Gift Cards      | <input type="checkbox"/> Old Toys       |
| <input type="checkbox"/> Candles         | <input type="checkbox"/> Glass Ornaments | <input type="checkbox"/> String Lights  |
| <input type="checkbox"/> Candy Wrappers  | <input type="checkbox"/> Greeting Cards  | <input type="checkbox"/> Tinsel         |
| <input type="checkbox"/> Cardboard Boxes | <input type="checkbox"/> Natural Garland | <input type="checkbox"/> Tissue Paper   |
| <input type="checkbox"/> Gift Bags       | <input type="checkbox"/> Old Clothes     | <input type="checkbox"/> Wrapping Paper |



# 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
17	7	9	21	25	5	11	22	1	18	8	4	19

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
2	24	26	16	3	10	6	14	23	13	20	15	12

3 25 9 15 9 4 1 2 11

2 25 25 21 10

6 25

7 25

25 19 26 6 15

17 2 21

9 4 25 17 2



# Trivia

**Directions:** Answer the trivia questions below then check your answers in the answer key on page 10.

1. According to the American Forest and Paper Association, how much paper used each year is recovered for recycling?

- a. 28%
- b. 66%
- c. 97%

2. According to the Environmental Protection Agency (EPA), What takes up the most space in landfills?

- a. Plastic bottles
- b. Clothing
- c. Food waste

3. The EPA estimates that the energy saved from recycling one aluminum can could run a computer for

- a. 3 hours
- b. 45 minutes
- c. 10 minutes

4. On average, how much additional waste do Americans generate during the holidays?

- a. 2 hundred thousand tons
- b. 5 million tons
- c. 3 trillion tons

5. What material never loses quality when recycled over and over again?

- a. plastic
- b. paper
- c. glass

6. How much generated plastic does the EPA estimate is recycled annually?

- a. 9%
- b. 34%
- c. 76%



# Holiday Recycling Craft

Make your own wrapping paper from scrap paper and used Styrofoam..



Cut out a piece Styrofoam from a used take out container or plate.



Use a pencil to draw in your designs.



Lightly paint your handmade stamp with acrylic paint.



Place your stamp on some scrap paper, newspaper, or butcher paper.



Repeat the stamping process or add more to make a pattern.



Wrap your presents and embellish with items from nature.

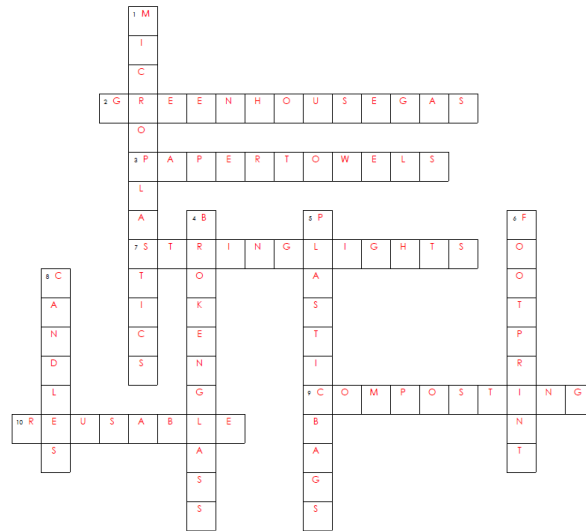




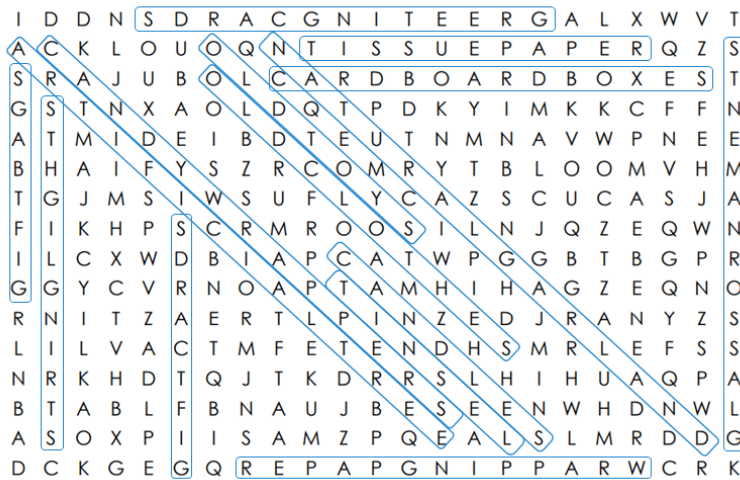
# Answer Key

\*\*\* 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.

3



5



# Answer Key

6 R E C Y C L I N G      N E E D S  
T O      B E      E M P T Y  
A N D      C L E A N

- 7
- |   |   |   |   |
|---|---|---|---|
| 1 | B | 2 | C |
| 3 | A | 4 | B |
| 5 | C | 6 | A |



We want to hear from you and help you recycle better!  
Send your feedback and suggestions about this packet to

[education@recyclecoach.com](mailto:education@recyclecoach.com)



Recycle Coach is committed to enhancing your recycling knowledge through many fun educational activities on our app. Download the app today and see what you can learn.