

THE ART OF THE CART



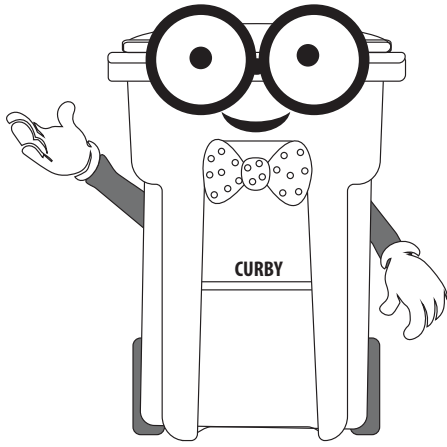
CURBY

Children's Recycling Educational Coloring & Activity Book



**SOLID WASTE
MANAGEMENT**

**GRADES
2nd thru 5th**



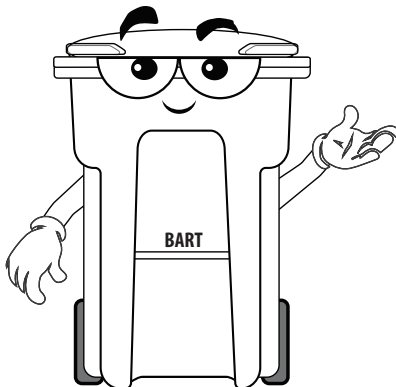
BLUE RECYCLE
CART

Hi! It's me, Curby - your **Blue Recycling Cart!** Place recyclable items into your blue cart like aluminum cans, cardboard, paper, plastic bottles & jugs, and glass jars. Recycling these materials turns them into new items like clothing, benches, and even car parts and saves natural resources which helps the Earth!



GREEN ORGANICS
CART

I'm Glenda, your **Green Organics Cart.** Only place organic materials like food waste and yard clippings and leaves into this cart. In return, you're doing your part in helping create compost which is beneficial to plants and the Earth!



BROWN TRASH
CART

Bart here! I'm your **Brown Trash Cart.** Contamination happens when you put the wrong things into your blue recycle cart and your green organics cart.

If you're not sure where it goes...toss it into the brown trash cart. When in doubt, throw it out and into the brown trash cart.

Let's have some fun and learn about the 'art' of the cart through historically famous art inspired activities!

THE ART OF THE CART

Master the 'art' of the carts by writing in the missing vowels to complete each word.

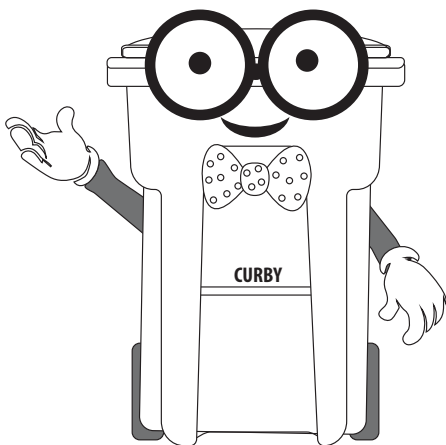
Read each item aloud that goes into each cart.

A E I O U

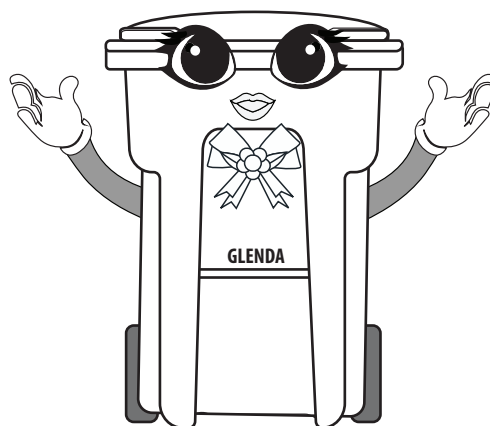
GL_SS B_TTL_S
C_RDB__RD
_L_M_N_M C_NS
PL_ST_C J_GS
P_P_R
PL_ST_C B_TTL_S

GL_SS CL_PP_NGS
DRY_R L_NT
_GGS SH_LLS
L__V_S
PL_NTS
FR__T&V_GG__S

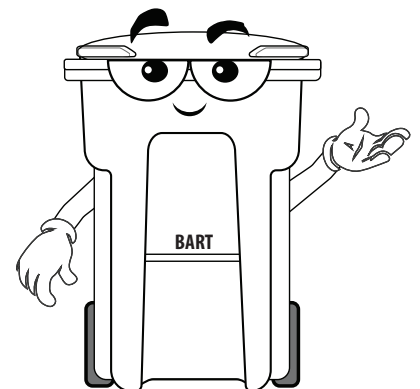
D__P_RS
W_R_H_NG_RS
G_RD_N H_S_S
H_L_D_Y D_C_R
TR_SH B_GS
F_C_M_SKS



BLUE RECYCLE
CART



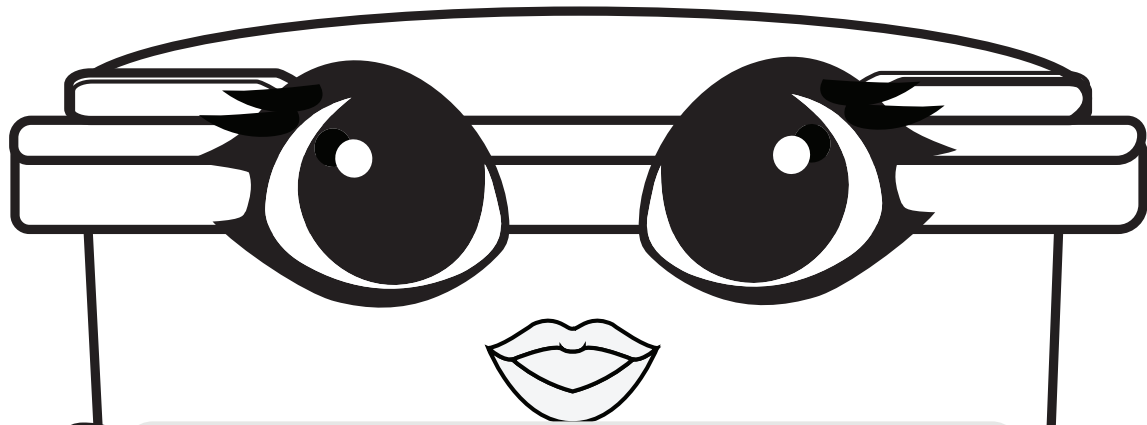
GREEN ORGANICS
CART



BROWN TRASH
CART

WORD SEARCH

Help Glenda Green Cart solve the puzzle.



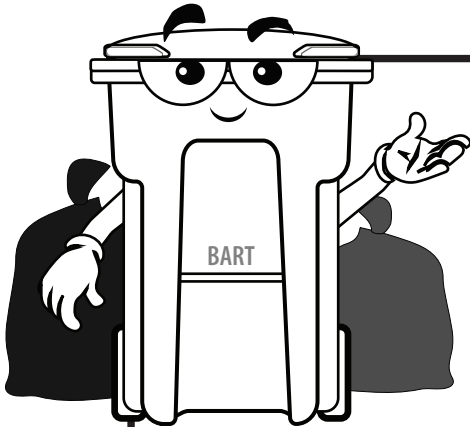
The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

R	□	D	S	G	L	□	S	S	C
□	□	R	E	D	U	C	E	□	□
C	□	R	G	□	N	□	C	□	□
Y	S	□	□	M	□	T	□	L	R
C	W	R	G	R	□	□	S	□	T
L	L	□	N	D	F	□	L	L	H
□	G	R	□	□	N	□	□	□	T
R	M	M	P	L	□	S	T	□	C
C	□	R	D	B	□	□	R	D	T
S	C	□	M	P	□	S	T	L	T

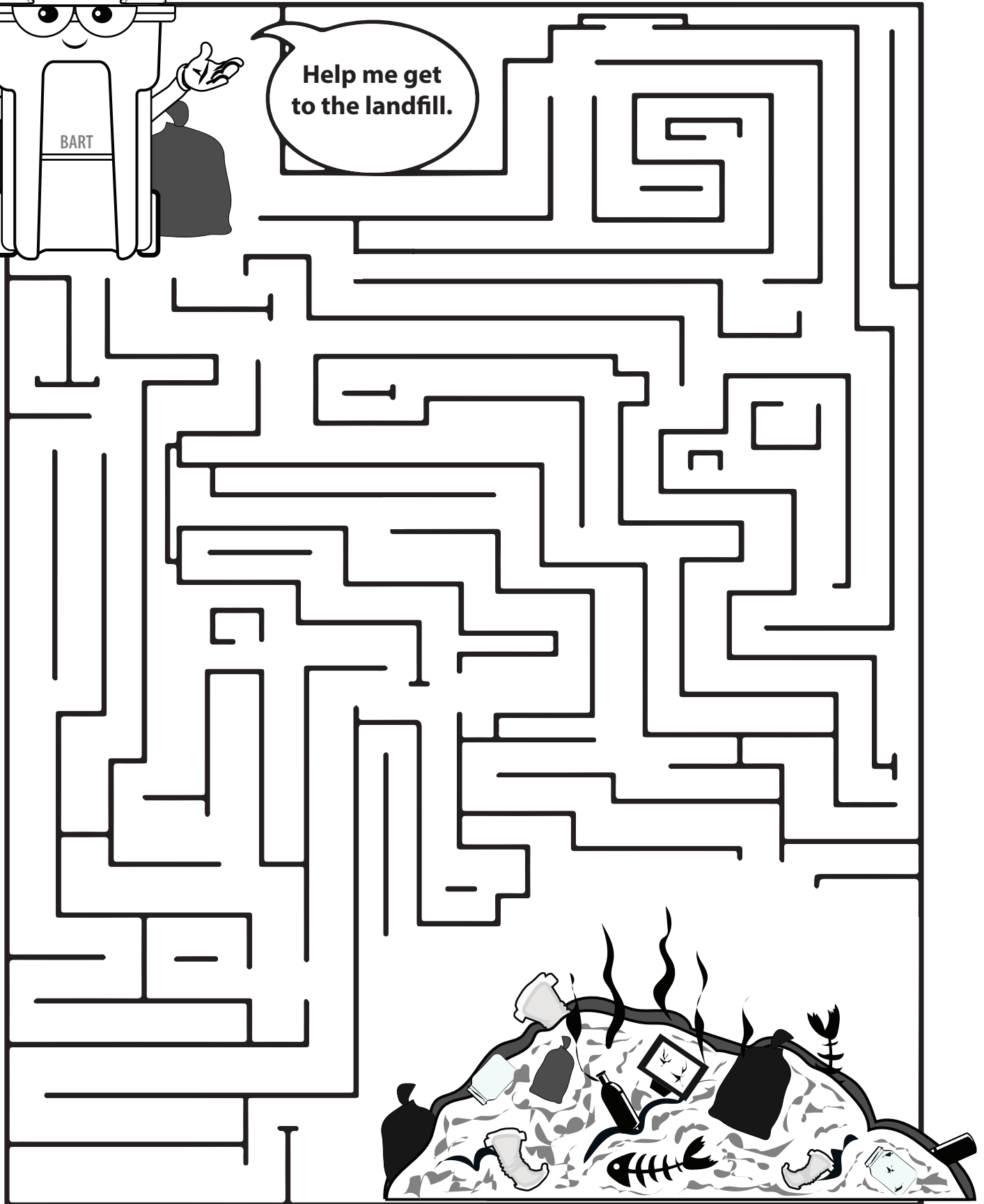
COMPOST • GLASS • LANDFILL
GREEN • METAL • PLASTIC • REUSE
EARTH • CARDBOARD • REDUCE
RECYCLE • ORGANIC

A-Mazing Maze

Help Bart the Brown Cart by solving the maze.



Help me get
to the landfill.



Fun Facts Match-Up

Draw a line to connect the fact with the correct commodity.



Recycling one aluminum can saves enough energy to run your television for 4 hours.



Recycling one glass bottle saves enough energy to light a 100-watt light bulb for 4 hours, power a computer for 30 minutes, or a television for 20 minutes.



Every year, nearly 900 million trees are cut down to provide raw materials for American paper and pulp mills. Paper makes up 40% of our daily trash.



Americans recycled enough plastic bottles in 2023 to provide the raw material needed to produce 7 million extra large t-shirts.



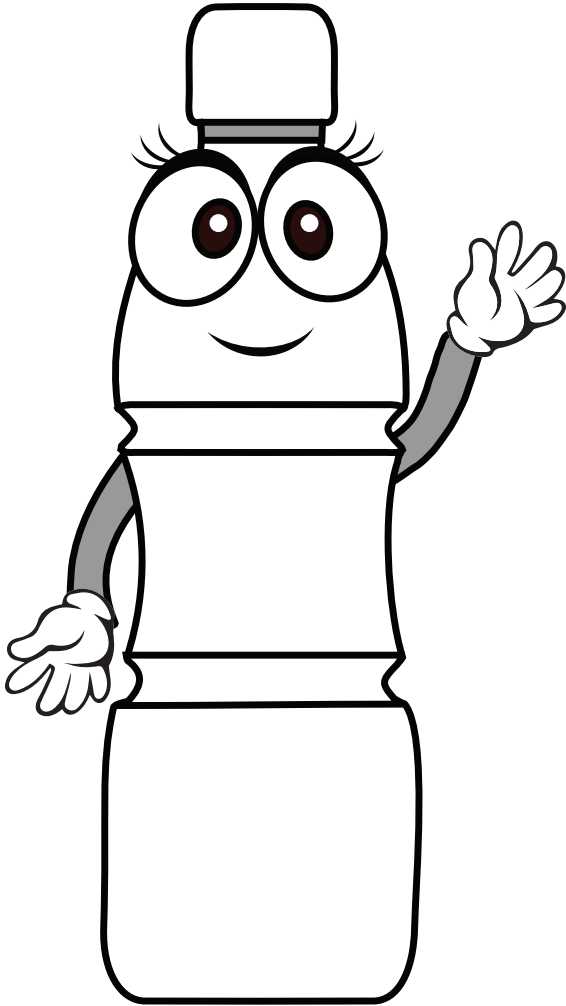
Producing steel cans from recycled material saves about 67% of the energy needed to produce them from raw material.



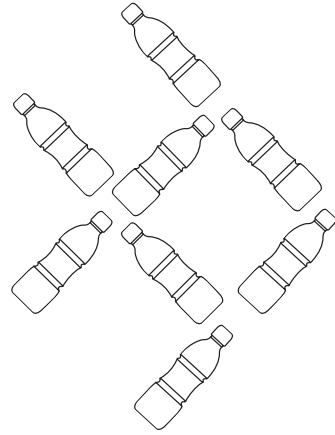
Inspired by Vincent Van Gogh's, 1890 masterpiece, *Irises*.

Plastic Bottle Puzzle

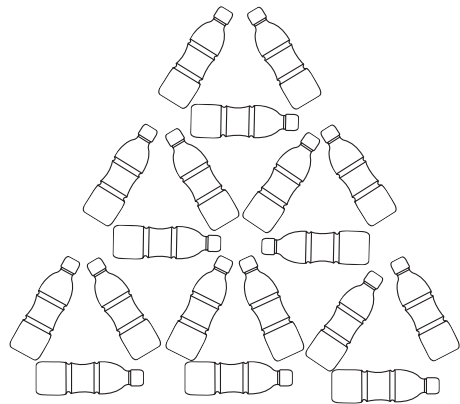
Read the clues and rearrange the plastic bottles to solve the puzzles.



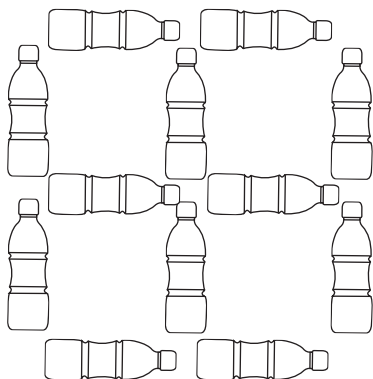
Move 2 plastic bottles so that the fish swims downwards.



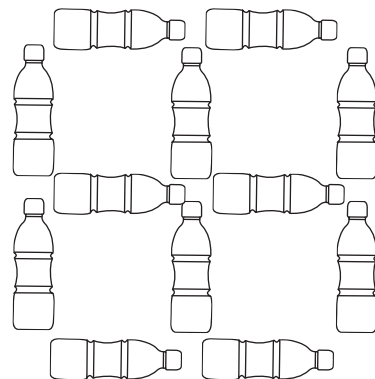
Remove 3 plastic bottles and leave 7 triangles.



Move 4 plastic bottles to make 3 similar squares.

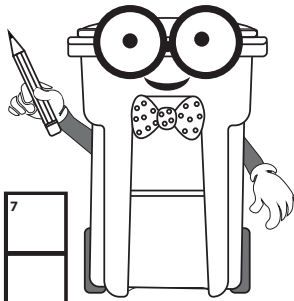


Move 2 plastic bottles to get 7 squares.



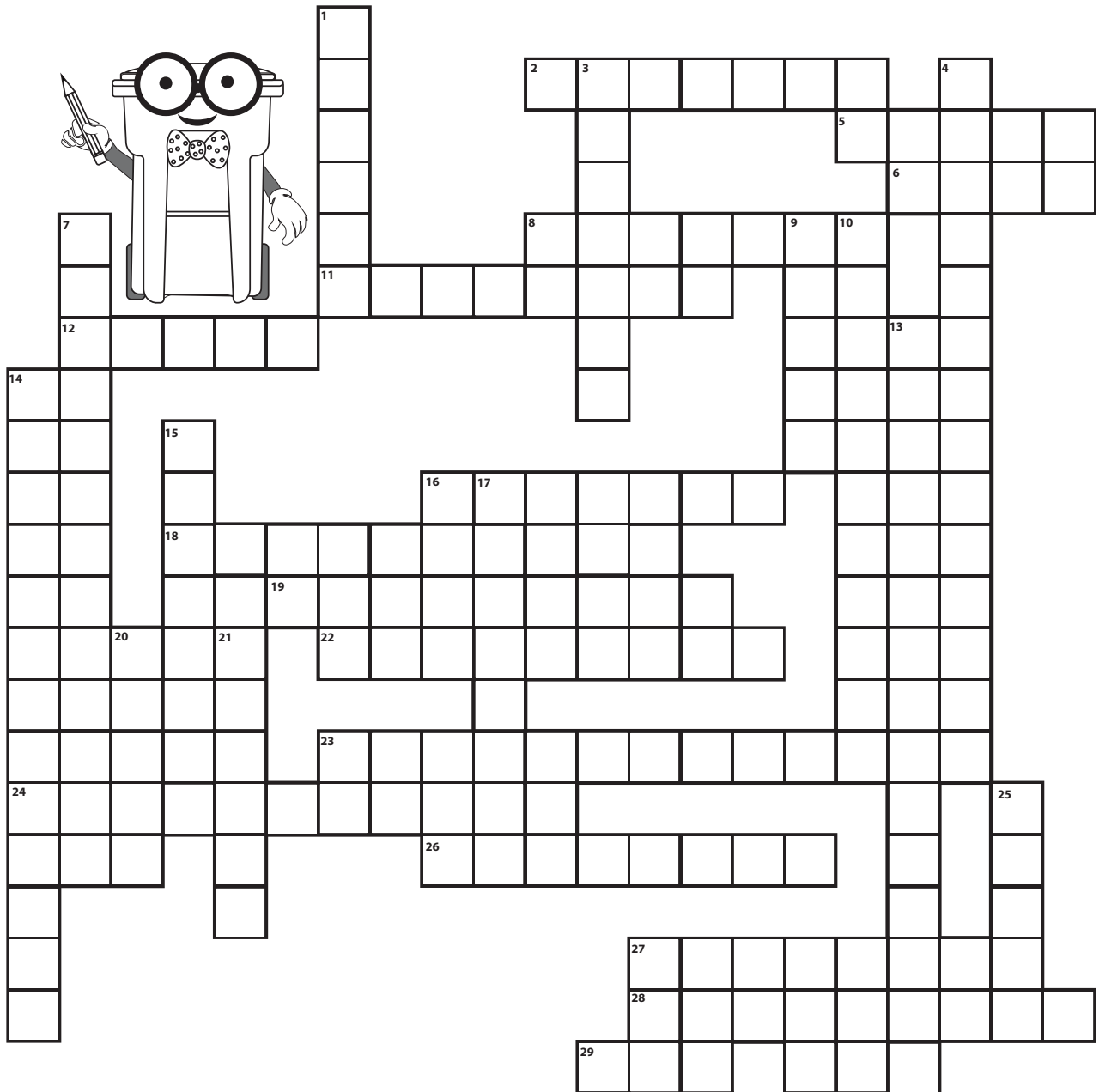
CROSSWORD PUZZLE

Help Curby solve this crossword puzzle by using the provided clues.



Word List

- REDUCE
- REUSE
- RECYCLE
- ORGANIC
- PLASTIC
- ALUMINUM
- CARDBOARD
- PAPER
- GLASS
- ACTINOMYCETES
- DONATE
- EDDY CURRENT
- GARBAGE
- NATURAL RESOURCE
- COMPOST
- LANDFILL
- GRASS CLIPPINGS
- DISPOSABLE
- CURBY
- GLENDA
- BART
- EARTH
- BLUE CART
- GREEN CART
- BROWN CART
- SUSTAINABLE
- CONSERVE
- GREENHOUSE GAS
- RECYCLE MOBIUS



Across

- 2 decayed organic material used as a plant fertilizer
- 5 the planet we live on
- 6 brown cart mascot
- 8 another word for refuse
- 11 a light silvery gray material
- 12 blue cart mascot
- 16 a synthetic material made from polyethylene
- 18 intended for one use then to be thrown away
- 19 organic materials such as leaves and rotten fruits go in here (2 words)
- 22 pasteboard or stiff paper
- 23 bacterium, or fungi that helps break down organic matter
- 24 able to be maintained
- 26 recyclables such as plastic, metal, cardboard go in here (2 words)
- 27 to protect the environment from harm or destruction
- 28 refuse or garbage should be placed in here (2 words)
- 29 convert into reusable material

Down

- 1 green cart mascot
- 3 derived from living matter
- 4 cut grasses that are left behind after mowing (2 words)
- 7 triangular, composed of 3 arrows looping back in clockwise direction (2 words)
- 9 hard brittle substance, typically transparent, made from sand
- 10 localized electric current (2 words)
- 13 minerals, forests, water, and fertile land (2 words)
- 14 gas that contributes to greenhouse effect by absorbing infrared radiation (2 words)
- 15 to make smaller or less in amount, degree, or size
- 17 place to dispose of garbage and other waste material by burying it
- 20 use again or more than once
- 21 to give away for the purpose of another's use
- 25 thin sheets made from the pulp of wood for writing

The Mona Glenda

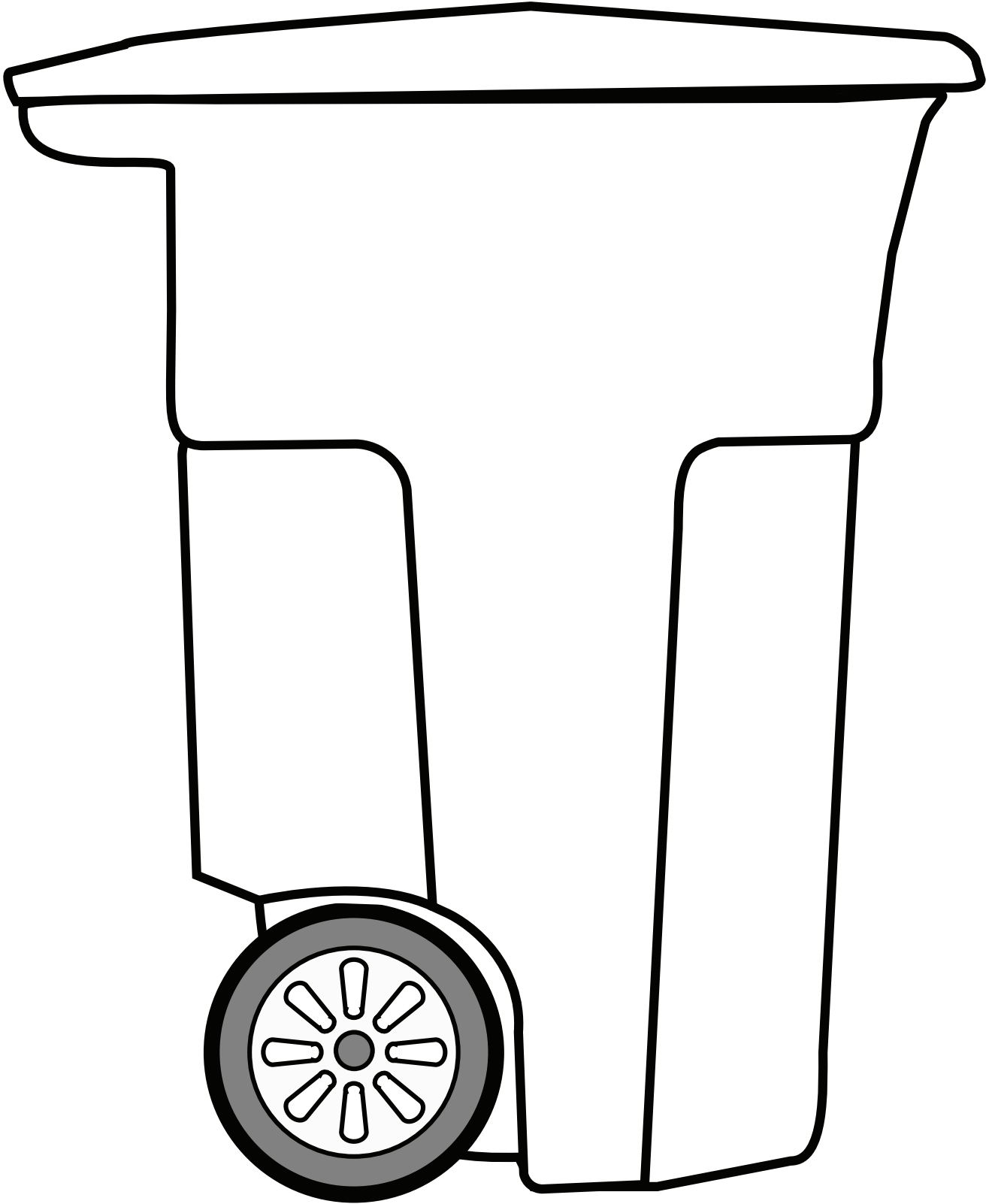
Coloring page - Inspired by Leonard Da Vinci's *Mona Lisa*

Did you know...the word 'mona' means *my lady*?



CART ART

Show us your creative cart art!



COMPOST

What is compost?

Compost is a crumbly, dark type of dirt rich in nutrients that is used as mulch or fertilizer to grow plants. Compost is made from all of the food scraps, yard trimmings and other organic waste you put in your green organics cart.

How is compost good for the Earth and your garden?



Inspired by Grant Wood's 1930 *American Gothic* painting.

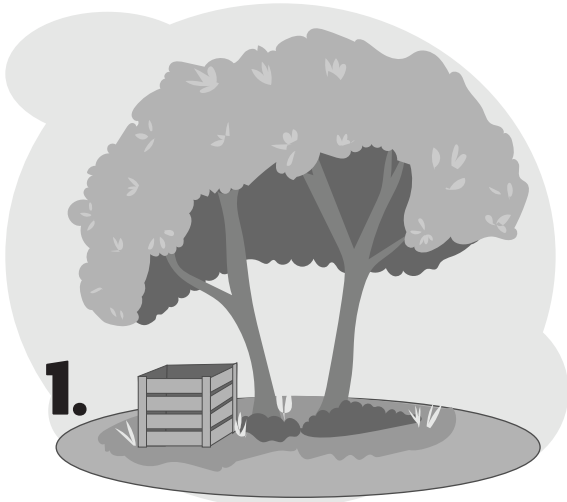
Did you know....

Beneficial bacteria & microbes break down and decompose the organic matter you put into your green organics cart and turn it into compost?

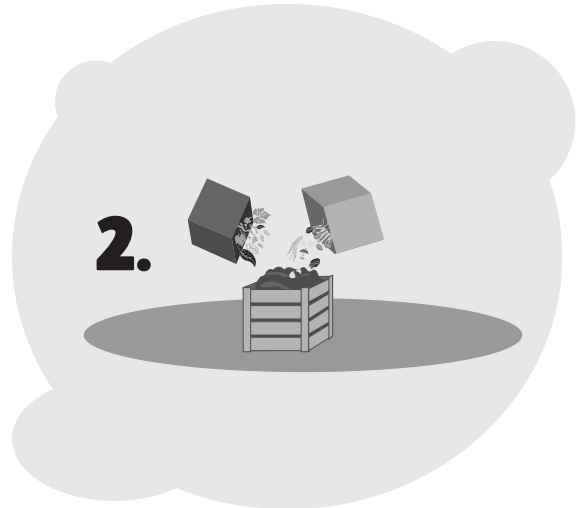


As these aerobic bacteria break down organic matter, they give off heat. This causes the pile to warm up and they love the heat!

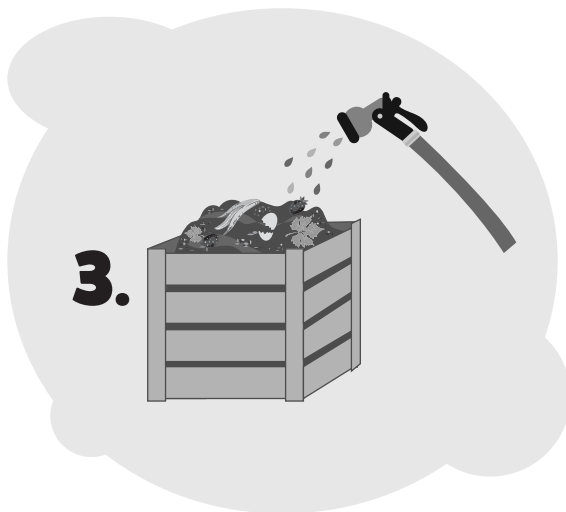
How-to Compost at Home



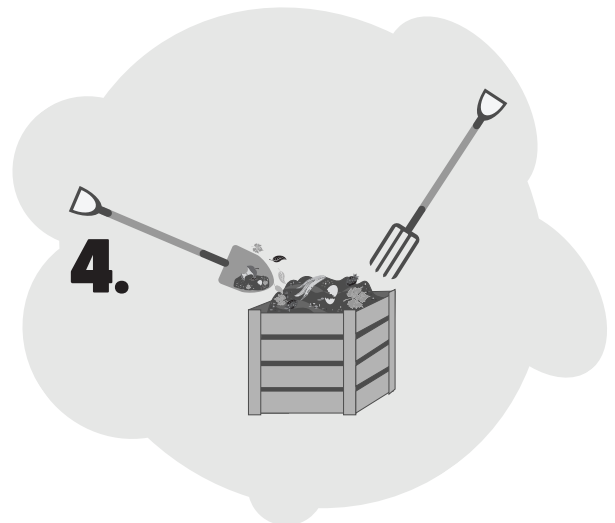
1. Choose a place that is dry shady and near a water source with dimensions of 3x3x3.



2. Add the ingredients... brown materials (egg shells, leaves, & paper) that are rich in carbon and green materials (plant & grass clippings, fruit & veggie scraps, and coffee grounds) which are rich in nitrogen. Make sure large materials are chopped or shredded.



3. Add water to the pile to ensure it stays moist but not too wet. It should feel like a damp sponge.



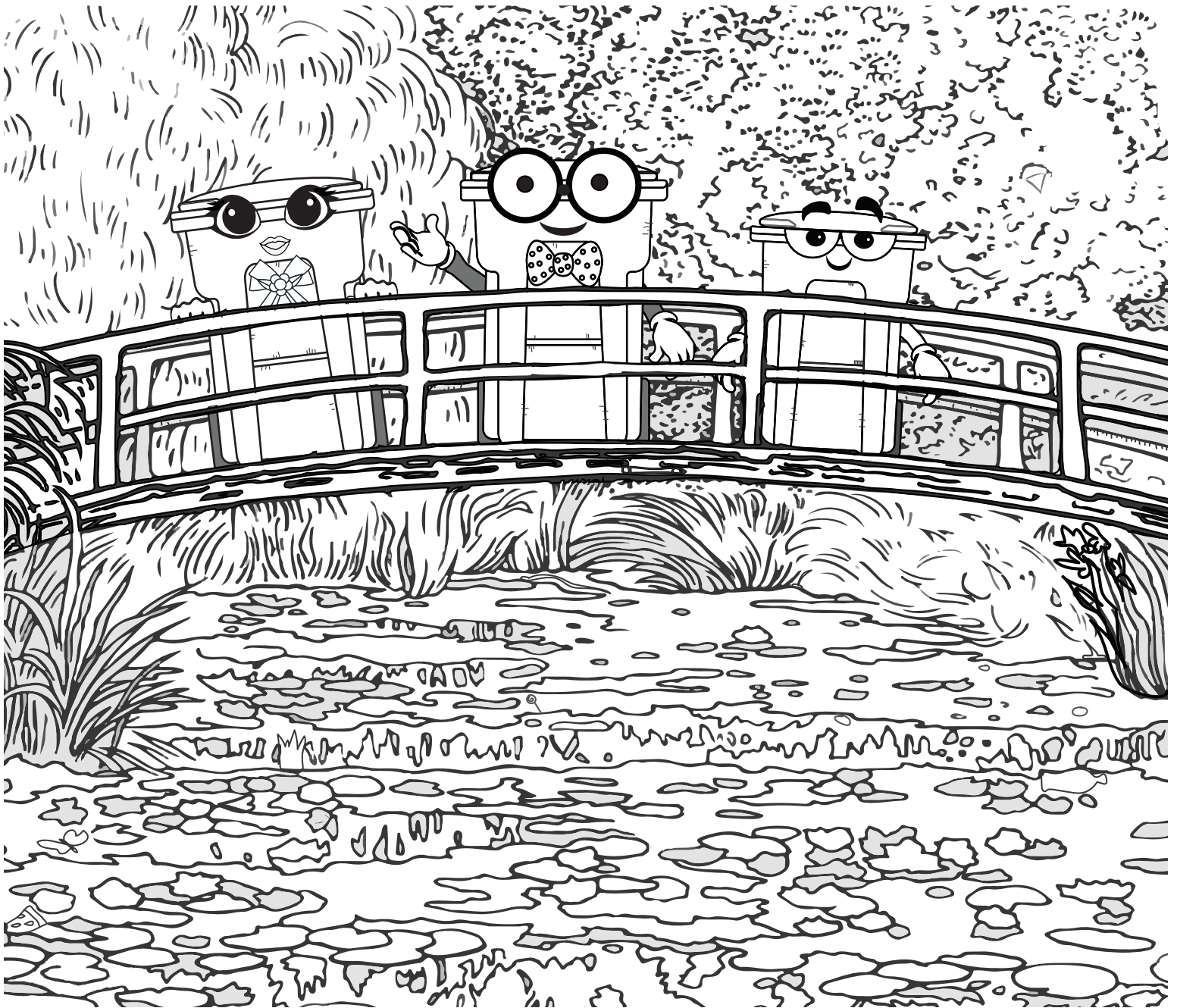
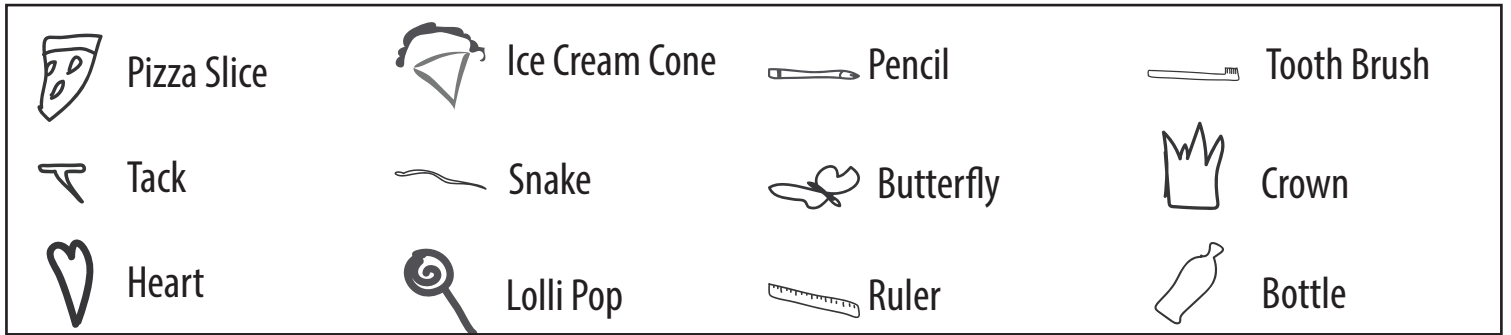
4. Keep it moving... by turning the compost mixture to add air to the mix. This will speed up the composting process.



5. Be patient & wait... until the compost no longer gives off heat and becomes dry and crumbly, it's fully cooked and ready to be fed to the garden.

SEEK & FIND

Find the items in the picture below. Color the items once found.

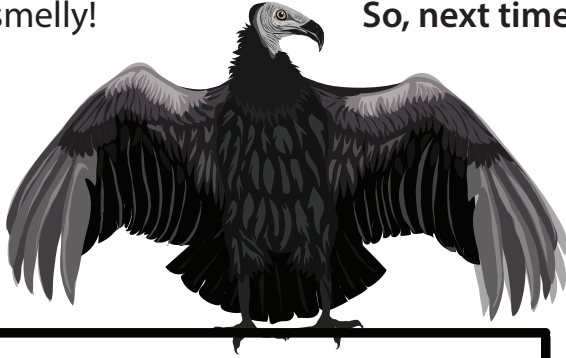


Inspired by Claude Monet's 1899 *Water Lilies* masterpiece.

Vultures

Vultures are nature's garbage superheroes. Their stomach acid is super strong, so they can digest just about anything! They can eat dead things with diseases without getting sick. Vultures help keep our ecosystems healthy. Without them, diseases would spread and our world would be really smelly!

So, next time you see one, don't be afraid just say, "thank you!"



Help the vulture find its way to a yummy feast. Find the correct path by figuring out if the quotients are correct.

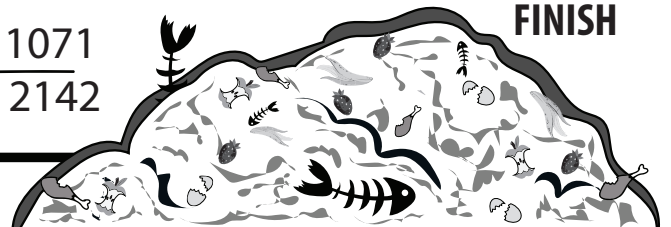
START

$7 \overline{) 49}$ $8 \overline{) 91}$
 $6 \overline{) 35}$ $9 \overline{) 109}$
 $6 \overline{) 60}$ $9 \overline{) 109}$

$7 \overline{) 21}$ $7 \overline{) 147}$
 $9 \overline{) 99}$ $8 \overline{) 248}$ $5 \overline{) 400}$ $5 \overline{) 81}$ $6 \overline{) 46}$
 $12 \overline{) 12}$ $4 \overline{) 106}$ $4 \overline{) 424}$ $3 \overline{) 7}$
 $3 \overline{) 72}$ $4 \overline{) 32}$ $4 \overline{) 124}$
 $2 \overline{) 111}$ $2 \overline{) 1071}$ $2 \overline{) 2142}$

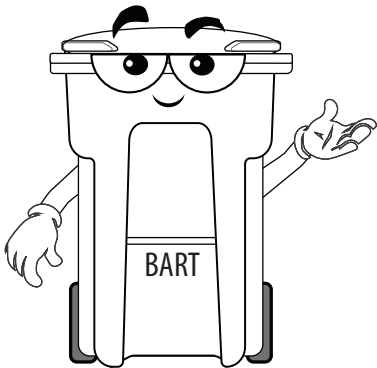
FINISH

Now go back and cross out the incorrect quotients and write in the correct ones!



Don't Trash That!

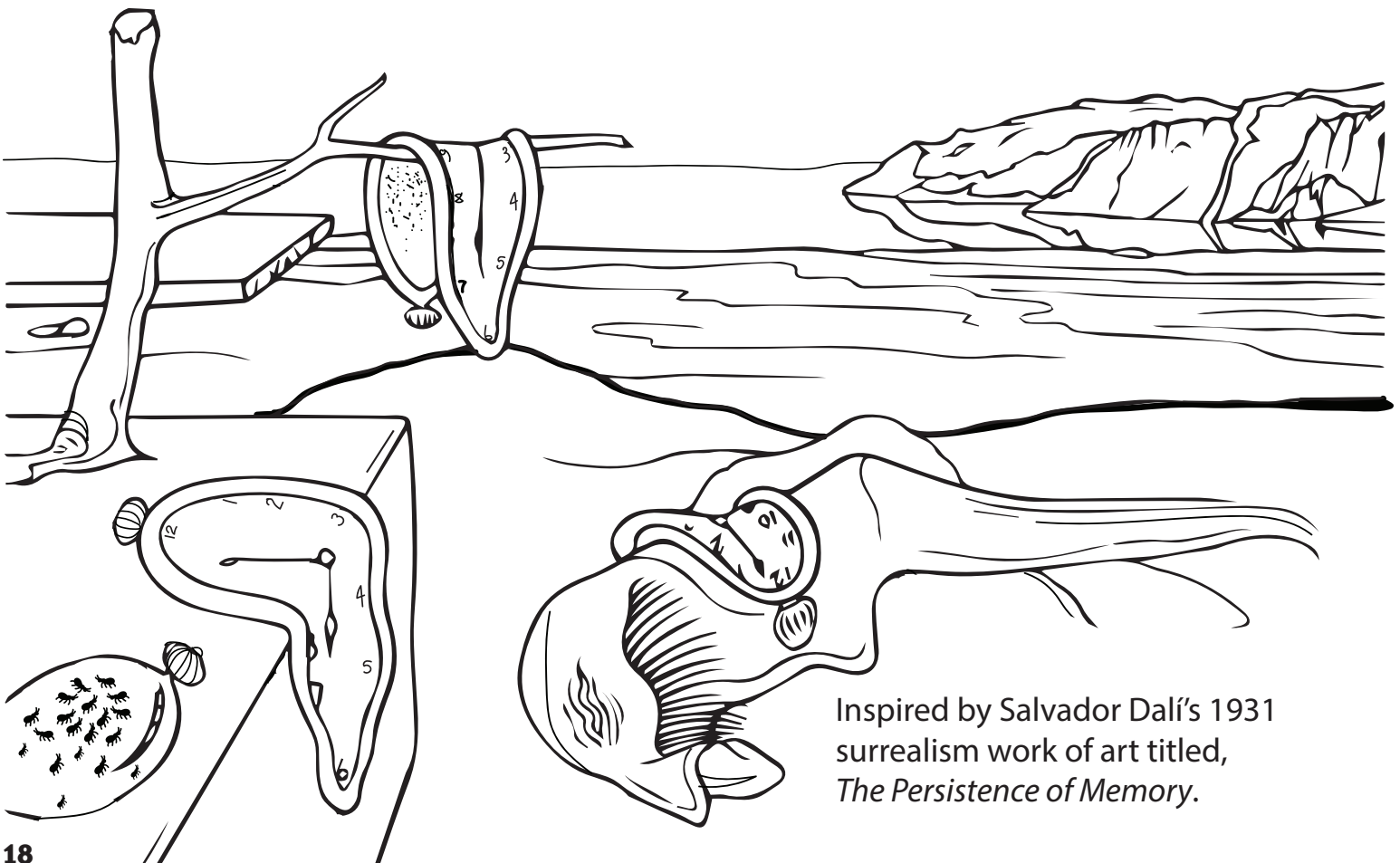
Don't Put Batteries into Any Carts!



Did you know...lithium-ion batteries can be dangerous? A lot of devices use lithium-ion batteries like cell phones, laptops, tablets and some clocks. The batteries store a large amount of energy and can overheat, catch fire or even explode. This is why batteries cannot go into any of the carts, not even the brown trash cart!

Instead, ask an adult to take old batteries to the Household Hazardous Waste site for proper disposal.

**What other devices in your household use batteries?
List them & color the clocks.**



Inspired by Salvador Dalí's 1931 surrealism work of art titled, *The Persistence of Memory*.

Answer Key

Don't Put Batteries into Any Carts!

THE ART OF THE CART

Master the 'art' of the carts by writing in the missing vowels to complete each word. Read each item aloud that goes into each cart.

A E I O U

GLASS BOTTLES	GLASS CLIPPINGS	DIAPERS
CARDBOARD	DRYER LINT	WIRE HANGERS
ALUMINUM CANS	EGG SHELLS	GARDEN HOSES
PLASTIC JUGS	LEAVES	HOLIDAY DECOR
PAPER	PLANTS	TRASH BAGS
PLASTIC BOTTLES	FRUIT & VEGGIES	FACE MASKS

WORD DECODER

Use the chart below to solve the mystery message.

W	H	A	T	H	E	L	P	S	Y	O	U
S	A	V	E	E	N	E	R	G	O	Y	
R	E	S	O	U	R	C	E	S	A	N	D
R	E	D	U	C	E	S					
P	O	L	L	U	T	I	O	N	?		
R	E	C	Y	C	L	I	N	G	!		

WORD SEARCH

Help Glenda Green Cart solve the puzzle.

The vowels are missing in the word search. Fill in the missing vowels and circle the words.

R D S G L A S S C

E E

C R E D U C E

C O R G A N I C

C Y S M E T A L

C W R G R E U S E

L I

L A N D F I L L

I G R E E N

T R M M P L A S T I C

C A R D B O A R D

S C O M P O S I T

COMPOST • GLASS • LANDFILL
GREEN • METAL • PLASTIC • REUSE
EARTH • CARDBOARD • REDUCE
RECYCLE • ORGANIC

A-Mazing Maze

Help Bart the Brown Cart by solving the maze.

Help me get to the landfill!

Fun Facts Match-Up

Draw a line to connect the fact with the correct commodity.

- Recycling one aluminum can saves enough energy to run your television for 4 hours.
- Recycling one glass bottle saves enough energy to light a 100-watt light bulb for 4 hours, power a computer for 30 minutes, or a television for 20 minutes.
- Every year, nearly 900 million trees are cut down to provide raw materials for American paper and pulp mills. Paper makes up 40% of our daily trash.
- Americans recycled enough plastic bottles in 2022 to provide the raw material needed to produce 7 million extra large t-shirts.
- Producing steel cans from recycled material saves about 67% of the energy needed to produce them from raw material.

Run-Away Math

Solve the runaway math puzzle. Equations are formed horizontally from left to right & vertically from up to down.

$9 + 0 = 9$

$3 + 6 = 9$

$4 + 5 = 9$

$6 \times 8 = 48$

$24 + 2 = 26$

$7 \times 9 = 63$

$9 \times 6 = 54$

$9 + 1 = 10$

$1 \times 2 = 2$

$8 \times 7 = 56$

$7 + 0 = 7$

$1 \times 7 = 7$

$4 + 1 = 5$

$6 \times 0 = 0$

$8 \times 1 = 8$

$1 \times 3 = 3$

$4 + 4 = 8$

$6 \times 0 = 0$

$1 \times 8 = 8$

$6 \times 0 = 0$

Downward Fish 7 Triangles

3 Similar Squares 7 Squares

CROSSWORD PUZZLE

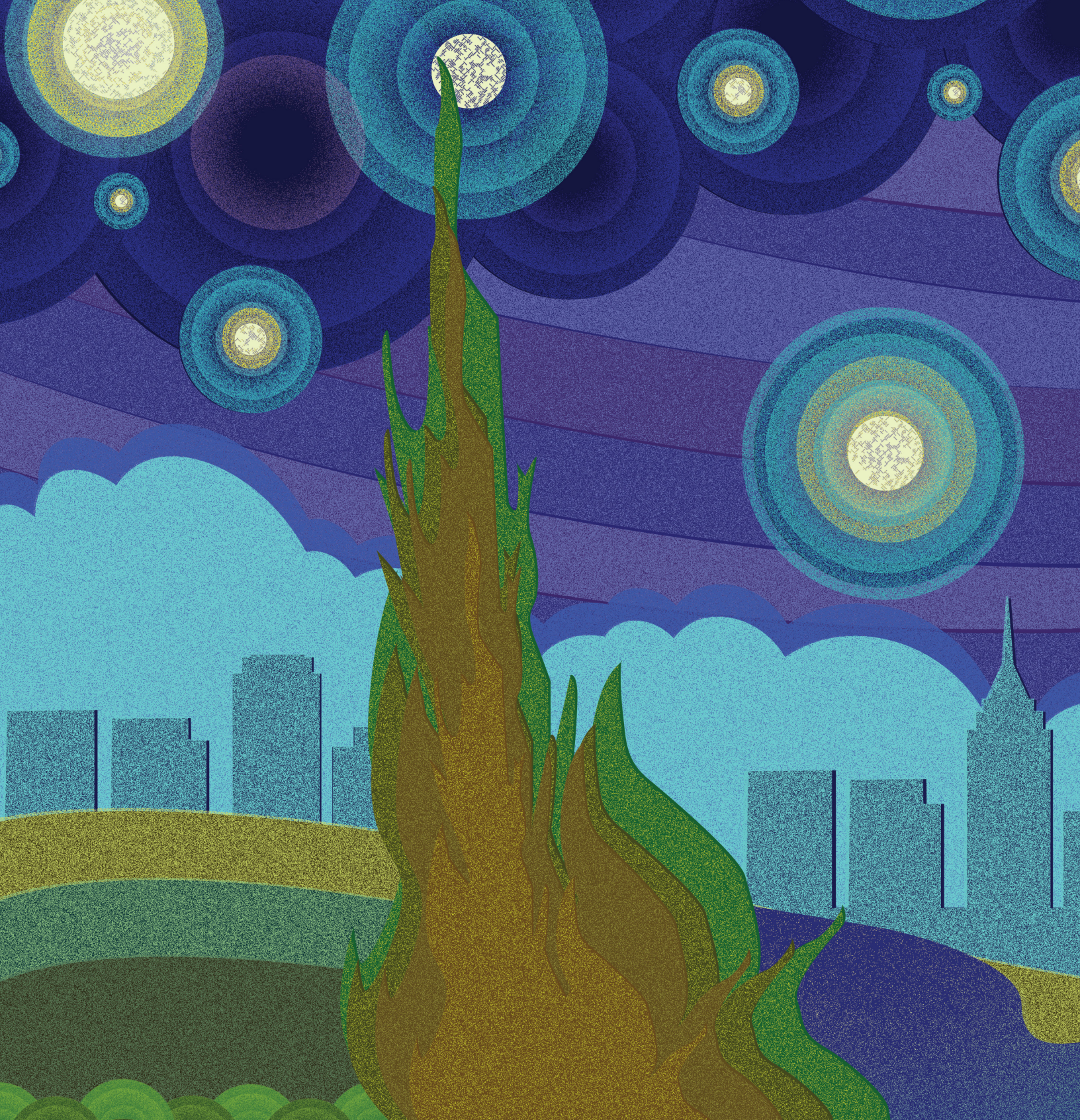
Help Curby solve this crossword puzzle by using the provided clues.

WORD BANK

RECYCLE, METAL, LANDFILL, GREEN, COMPOST, PLASTIC, REUSE, EARTH, CARDBOARD, REDUCE, ORGANIC, PAPER, GLASS, ALUMINUM, CANS, BOTTLES, JUGS, BOTTLES, CLIPPINGS, DRYER LINT, WIRE HANGERS, GARDEN HOSES, HOLIDAY DECOR, TRASH BAGS, FACE MASKS, FRUIT & VEGGIES, LEAVES, PLANTS, DIAPERS

START

FINISH



Financed with funds from TCEQ through AACOG for use in the City's Recycling Education/Outreach Program.

Copyright of City of San Antonio. All Rights Reserved.

www.sarecycles.org