

CLOVERBUDDIES

**A 4-H EXPLORATION ACTIVITY SERIES FOR
CLOVERBUD MEMBERS**



MAY 2025

PROJECT EXPLORATION:

**NATURAL RESOURCES &
ENVIRONMENTAL
EDUCATION**



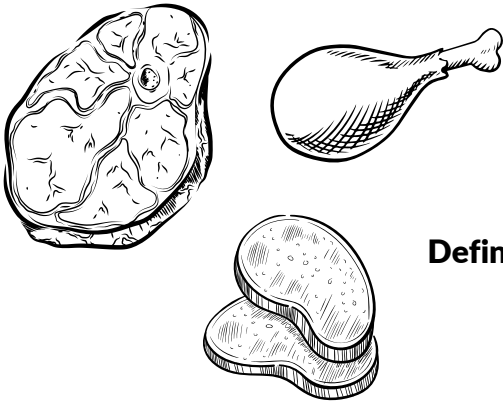
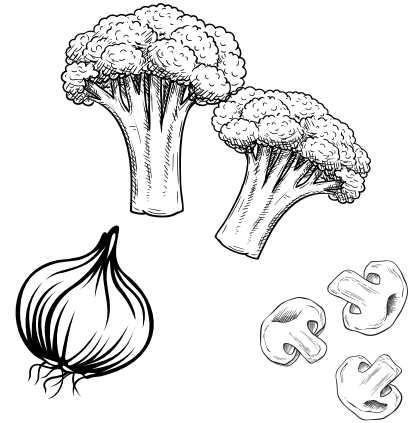
HUNGRY?

What is your favorite food? Hotdogs? Salad? Mac & cheese? All animals, including humans like you, follow one of the three types of diets: carnivore, omnivore and herbivore. These diets are general categories to describe the types of food different animals eat. Read about each one below, then color in the pictures for each category, and cut them off of this page. Then do the same for the the animals on the next page. Finally match up your animals to their correct diet category!



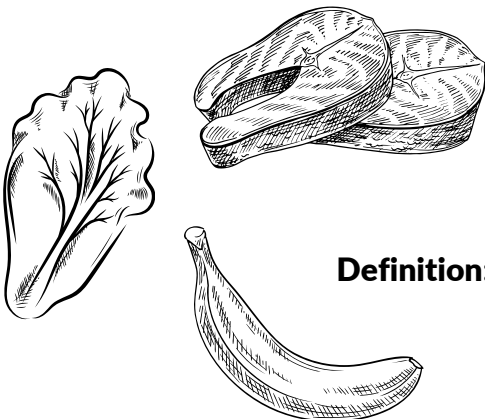
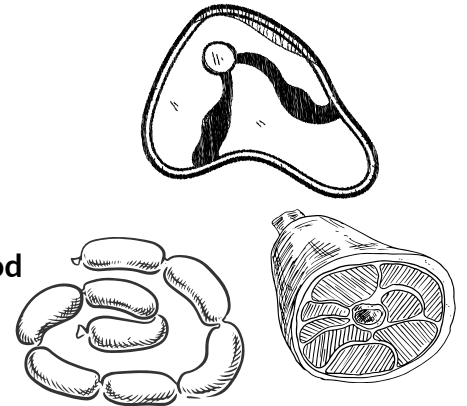
HERBIVORE

Definition: Animals that eat only plants for food



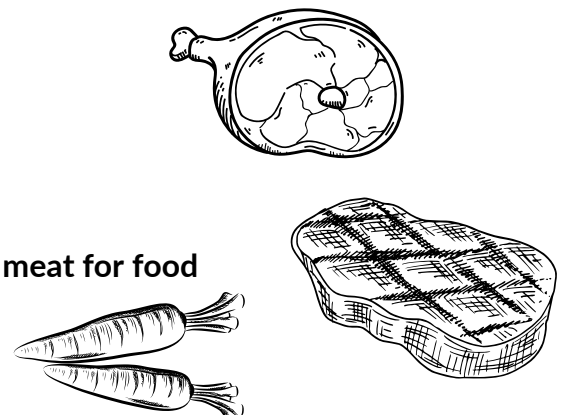
CARNIVORE

Definition: Animals that eat only meat for food

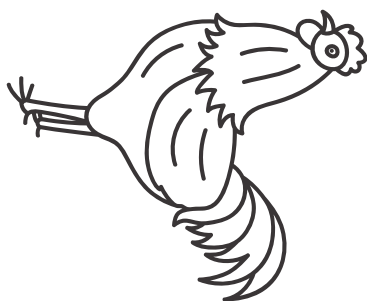


OMNIVORE

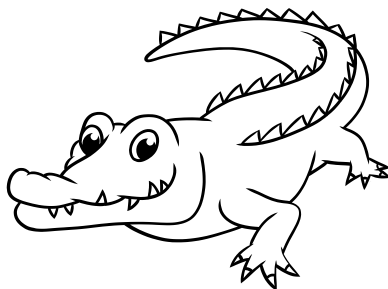
Definition: Animals that eat both plants and meat for food



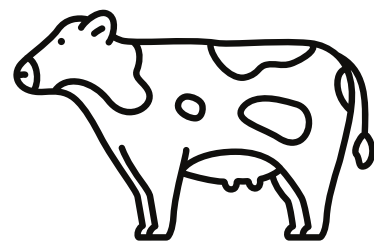
Rooster



Crocodile



Cow



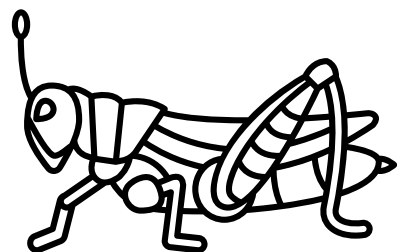
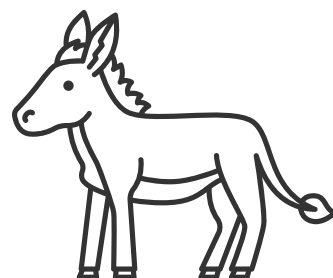
Dog



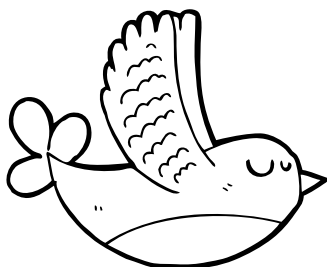
Raccoon



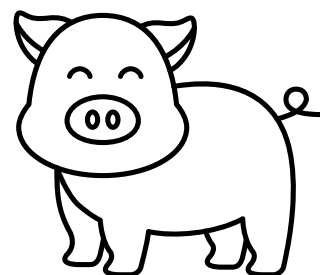
Donkey



Grasshopper

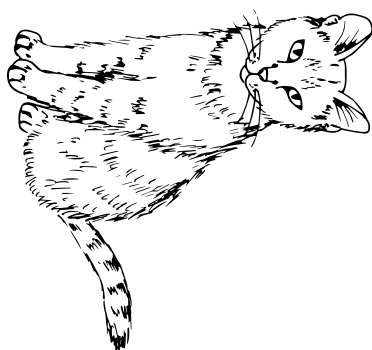


Bird

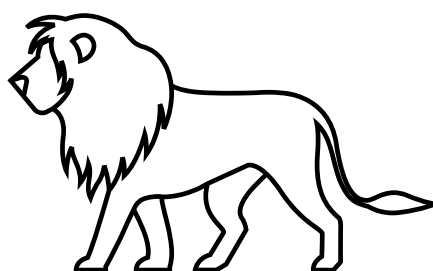


Pig

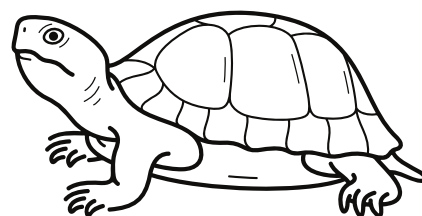
Cat



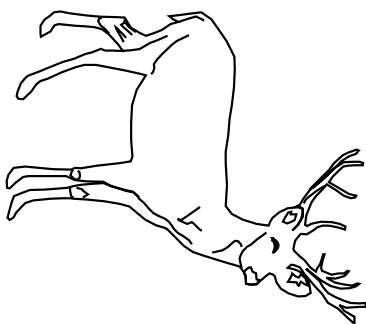
Lion



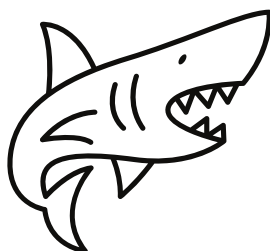
Tortoise



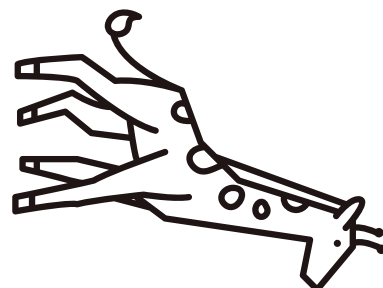
Deer



Shark



Giraffe



RECYCLE COLOR BY NUMBER

We all learn from a young age that recycling is super important to reduce waste and save our planet. Color in the picture below by following the key to reveal the symbol for recycling!

1. Dark Green

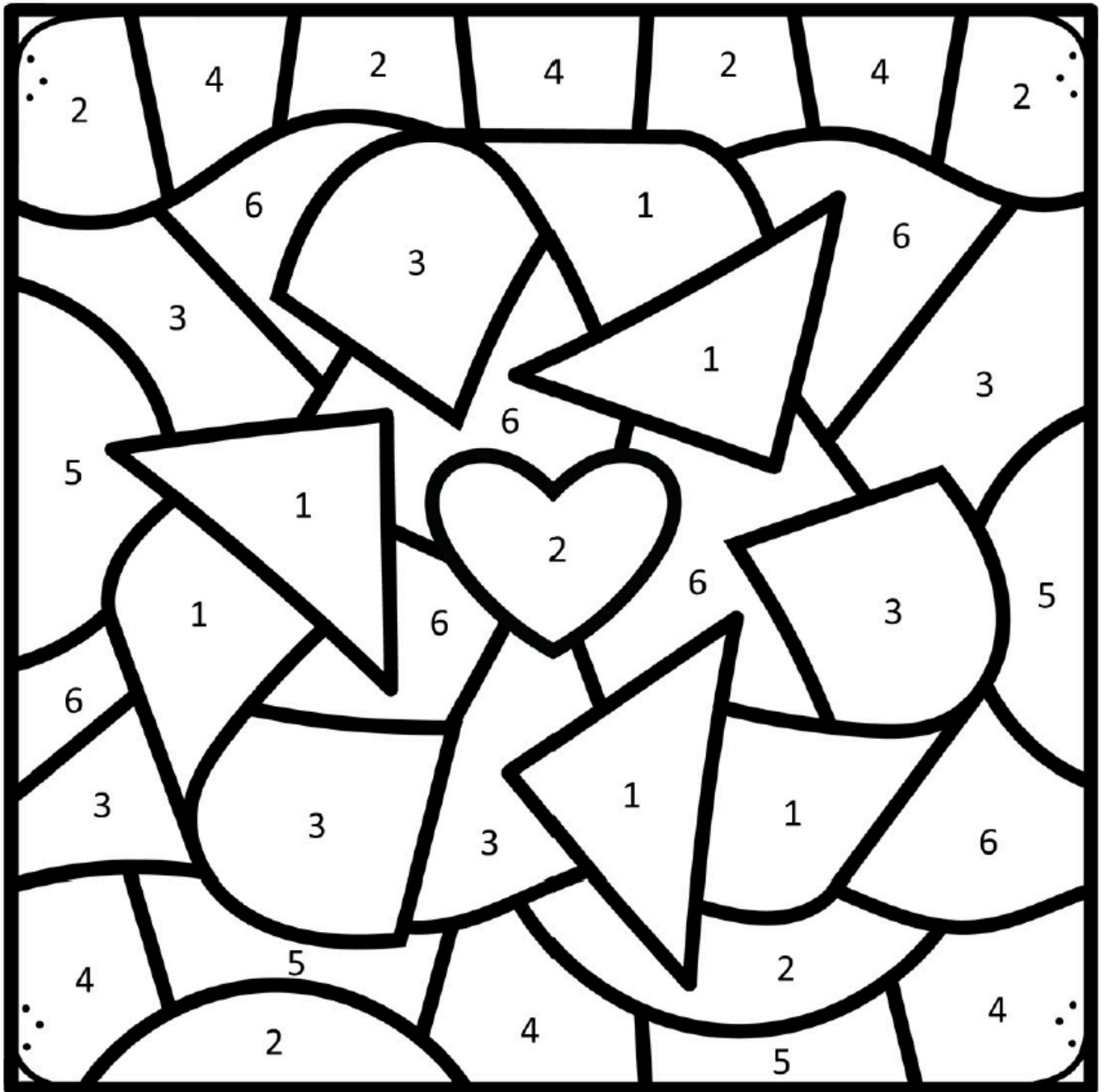
2. Pink

3. Dark Blue

4. Orange

5. Light Green

6. Light Blue



PROTECTING NATURAL RESOURCES

You are thirsty when your body needs water. Plants and animals also drink water, which makes it one of our most precious natural resources. Sometimes we don't protect it as well as we should, and we put things in our water causing pollution. In this experiment you can see exactly how pollution impacts our environment.

MATERIALS

- at least 2 stalks of celery
- 2 clear jars or glasses that are at least 3" deep
- food coloring (preferably red or orange)
- "garbage" (anything that will make your polluted water look dirty)
- water

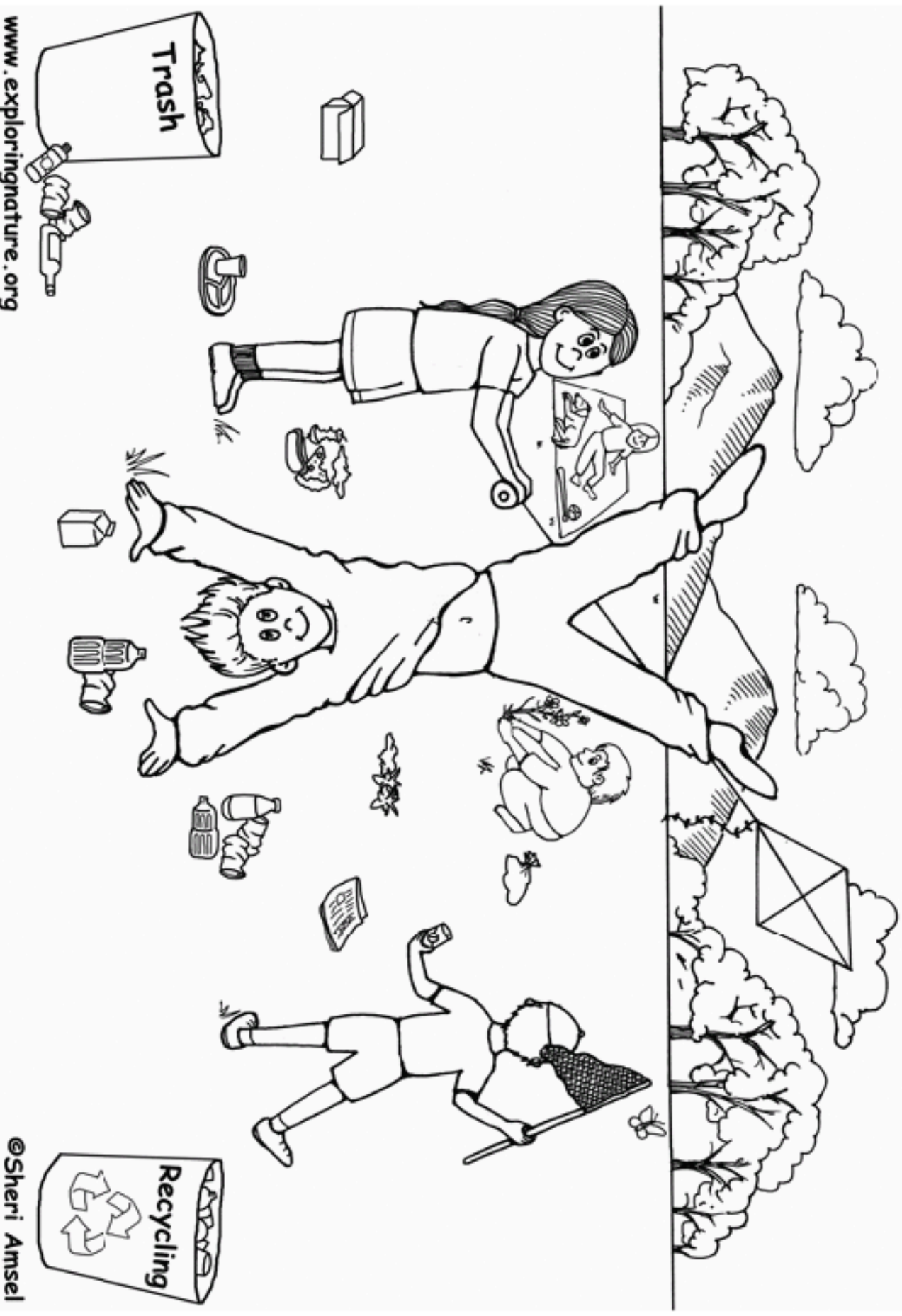


INSTRUCTIONS

1. Fill both of your clear containers with 3" of water.
2. Now you're going to pollute one of your water sources by add your food coloring and other small "garbage" items to one of your water sources.
3. Put a few stalks of celery into your clean water source, and a few into the polluted water source.
4. Now leave these to sit and check back in every 5-10 minutes to see how pollution in our water can affect plants and animals who use that water.

NO TRASH BEHIND

When you put something in the trash bin it goes to a landfill or waste management facility, when you recycle something that material is repurposed for something else. Color in the picture below then circle the picnic items left in the park and draw a line to the right disposal bin - either trash or recycling!



HABITATS

Have you ever noticed that different animals live in different kinds of houses? These houses are called “habitats”. For you, your habitat is most likely a house. For bears, their habitat is a forest or a cave. Look at each habitat below - what kinds of animals can you think of that live in that habitat?

DESERT



OCEAN



WOODS



SNOWY



RAINFOREST



URBAN



WATER SEARCH

Water is our Earth's most precious natural resource. We use it for drinking, washing, recreation, and our bodies have water in them too!

Can you find all the words related to water in the grid below?

rain
flood

water
wet

splash
hydrogen

sewer
drink

oxygen
conductor

reflect
tower

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

FAIR PROJECT! ARTICLE MADE FROM RECYCLED MATERIALS

Natural Resources & Environmental Education is really important because it has to do with everything we see, breathe, touch, eat, and live near! A huge way to help our environment is to recycle so this fair project is making an article from recycled materials!

MATERIALS:

- toilet paper or paper towel tube
- paintbrushes
- scissors
- hot glue
- 4 squeeze pouch lids (or bottle caps)
- markers, stickers, or paint for decorations



DIRECTIONS:

1. Cut a semi circular or square hole on the long side of your roll for toys to fit into your car! If you don't cut out the entire shape, you can fold it up to be the back of your drivers seat!
2. Decorate your cars with paint, markers, stickers, or whatever you'd like!
3. Hot glue the wheels on and it's ready to use once it's dry.

IDEAS TO CONSIDER:

- What made this car fun to make?
- How do you think real race cars go so fast?
- How could you make your car even better?

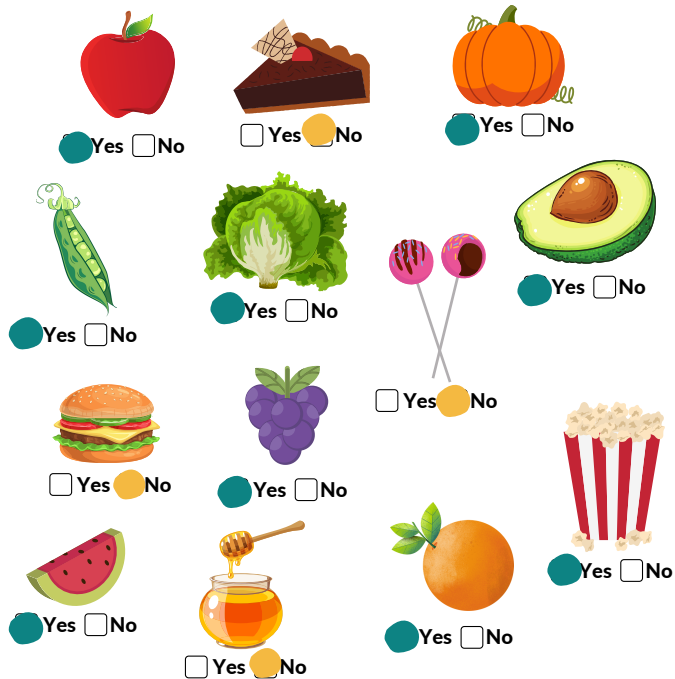
Craft source: https://alittlepinchofperfect.com/toilet-paper-roll-car-craf/#_a5y_p=4231042

This can be a fair exhibit, Department 17, Class A, Item 14: Article made from recycled materials! Visit www.lacrosseinterstatefair.com after June 1st, and you can enter this exhibit on the registration.

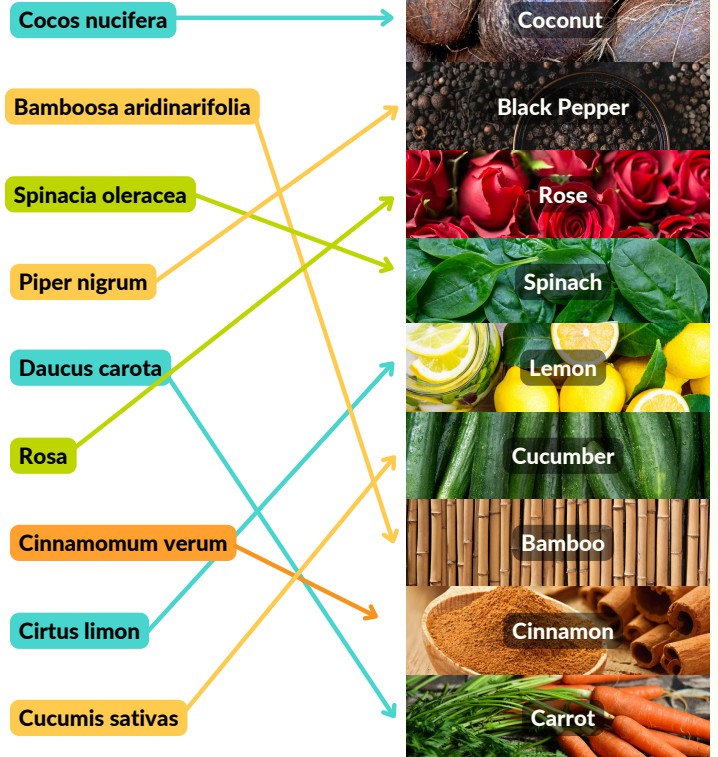
APRIL ANSWER KEYS

Answers to all Cloverbuddies activities will appear on the back cover of the following month's issue. For answers to this issue, watch for next month's installment of Cloverbuddies!

WHAT DOES IT COME FROM?



SCIENTIFIC NAMES



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