

# CLOVERBUDDIES

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



**MAY 2021**

**PROJECT EXPLORATION:**

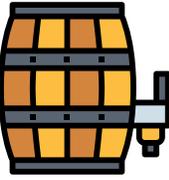
**NATURAL RESOURCES &  
ENVIRONMENTAL  
EDUCATION**



UW-MADISON EXTENSION  
LA CROSSE COUNTY

# NATURE HIKE BINGO

Getting out (safely) into nature is one of the best ways to learn about it and our environment. Pick a nice day and with an adult go out on a hike. See if you can spot any of the nature objects on your Bingo card below. How many ways can you get Bingo on your walk?

B	I	N	G	O
 leaf	 spider web	 pinecone	 caterpillar	 dandelion
 bark	 moss	 sand	 rock	 butterfly
 bird nest	 rabbit	<b>FREE SPACE</b>	 grasshopper	 puddle
 mosquito/fly	 bee	 animal tracks	 dew drops	 feather
 acorn	 thistle	 garden	 rain barrel	 squirrel

# HUNGRY?

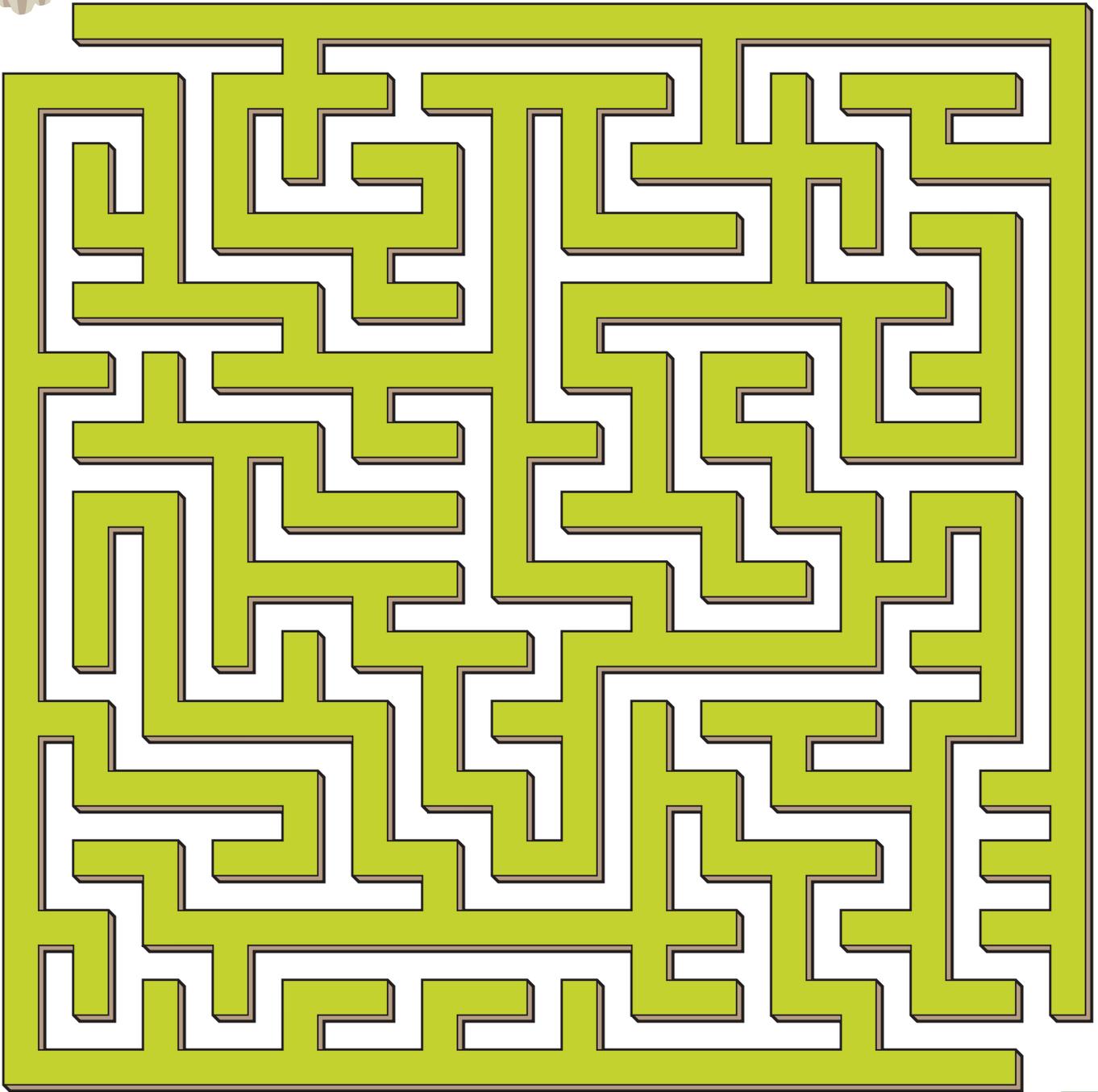
What is your favorite food? Hotdogs? Salad? Mac & cheese? All animals, including humans like you, follow one of the three types of diets: carnivore, omnivore and herbivore. These diets are general categories to describe the types of food different animals eat. Read about each one below and try to think of examples of food those animals would eat!

HERBIVORE	CARNIVORE	OMNIVORE
<b>Definition:</b> Animals that eat only plants for food	<b>Definition:</b> Animals that eat only meat for food	<b>Definition:</b> Animals that eat both plants and meat for food
<b>Examples:</b> cows, sheep, rabbits, deer, grasshoppers, giraffes, horses	<b>Examples:</b> wolves, foxes, lions, skunks, sharks, frogs, crocodiles	<b>Examples:</b> humans, bears, pigs, dogs, hens, birds, squirrels, monkeys
What foods do herbivores eat? List them below:	What foods do carnivores eat? List them below:	What foods do omnivores eat? List them below:



# MAZE OF RECYCLING

We all learn from a young age that recycling is super important to reduce waste and save our planet. Did you know that there are so many things nowadays that are recyclable? Help get the recyclable items below to the recycling truck!



# EARTH COLLAGE

When you drink water it's because your body is telling you it is thirsty! In this experiment you can see exactly how plants consume water and distribute it throughout it's leaves.

## MATERIALS

- cardboard square
- magazines/newspapers
- pencil
- glue
- optional: toothpick with a sticky note flag



## INSTRUCTIONS

1. Start by drawing a large circle on your cardboard square.
2. Now in your circle draw the Earth, you can copy from a map the part you want to draw!
3. Tear out green, blue and white pieces from your magazines/newspapers.
4. Use your white pieces to fill in the background around your circle, then fill in the oceans with your blue pieces and finally the continents with your green pieces.
5. Once your collage is put together make sure you let it dry thoroughly before hanging on your wall.
6. Bonus Step: If you chose to create the part of the world you're located, you could put a little toothpick flag where you think your house is located!

# RAIN COLLECTION

Water is our Earth's most precious natural resource. We use it for drinking, washing, recreation, and our bodies have water in them too! The activity below will help you collect water when it rains outside.

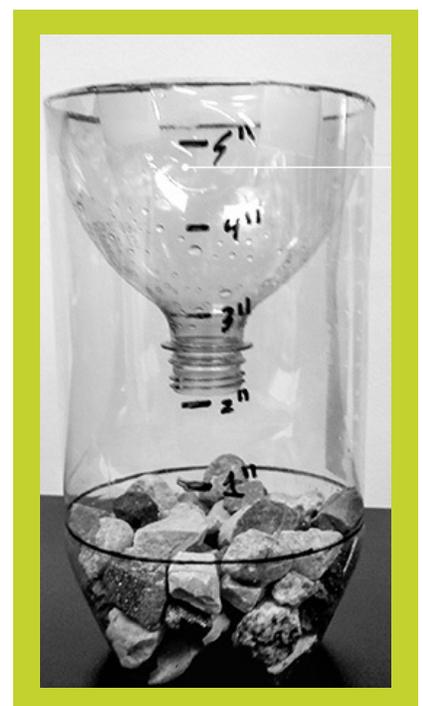


## MATERIALS

- 2-liter plastic bottle (with the cap removed)
- Scissors
- Permanent marker
- Ruler or tape measure
- Gravel/rocks
- Tape

## SET UP

1. About a few inches from the top of the plastic bottle, draw a line around the bottle
2. Cut all the way around the bottle until the top section comes off. (Have an adult do this)
3. Fill the bottom section with the gravel or rocks, about an inch or two deep
4. Flip the top section you cut off upside down and slide it into the bottom section of the bottle. Line up the bottle edges so they are flush. The bottle opening (where the cap was) should be facing down toward the gravel/rocks. Use tape to secure them together if they don't fit tightly.
5. Where the bottom section of the bottle meets the middle part of the bottle - draw a line here with a permanent marker all the way around the bottle.
6. Starting from the line you just drew measure with a ruler and mark lines in regular intervals starting at this line and moving up (an inch would be good!).



# BEAN LIFE CYCLE

We all grow from little babies to full grown adults, plants do the same thing! Cut out the squares below and arrange them in the correct order for the plant's life cycle!

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

Environment  
Garbage  
Reuse

Reduce  
Cans  
Paper

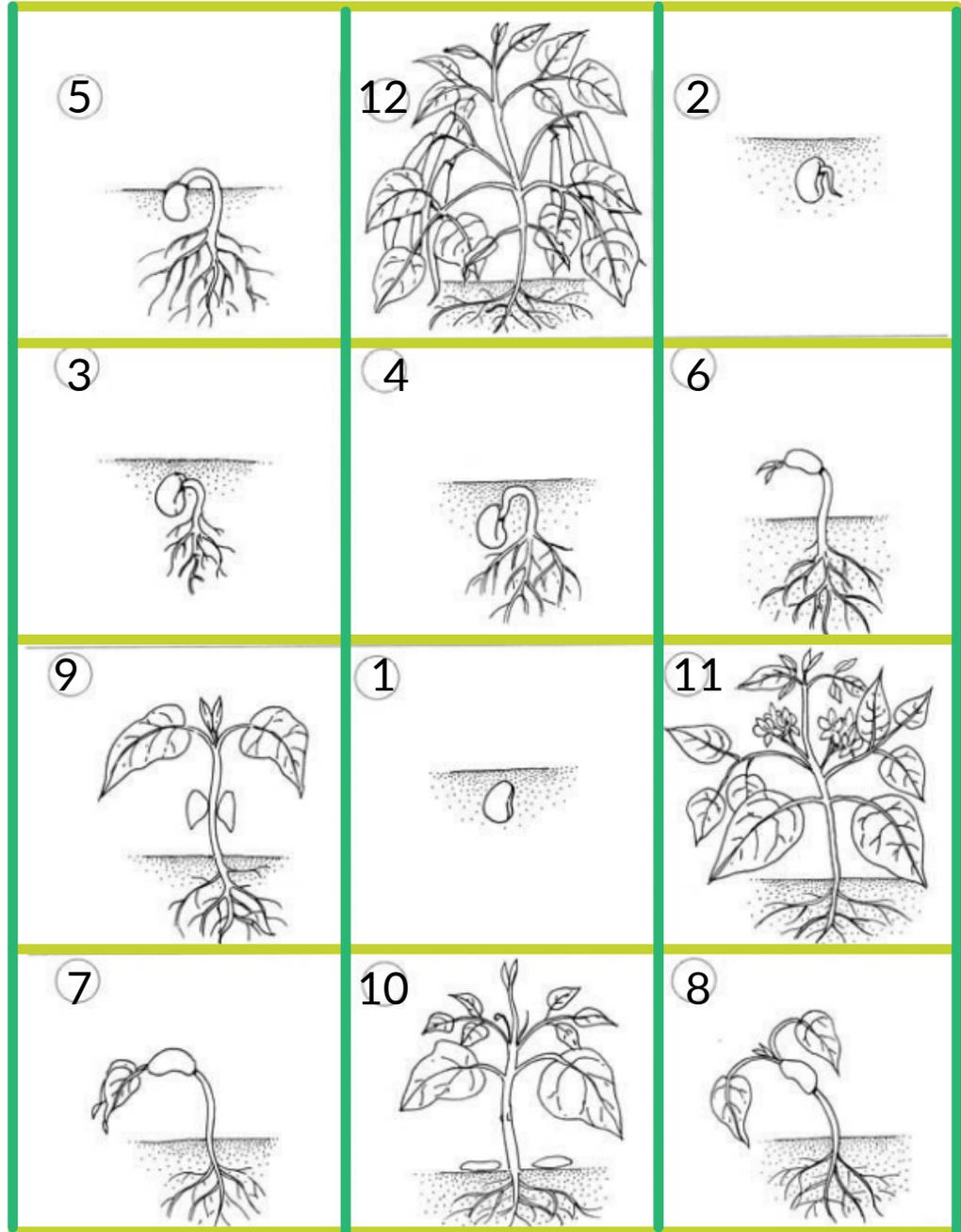
Food Scraps  
Landfill  
Waste

Cardboard  
Plastic  
Recycle

Aluminum  
Litter  
Glass

# 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 March's installment of Cloverbuddies!



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