

FRIENDS FUR-EVER

Animals play an important role in maintaining the ecosystems and biospheres that make life on Earth possible for humans. Each animal, from the smallest fish to the largest land mammal plays an important role in their ecosystems. Animals help pollination, keep forests healthy, and control pests. Our domesticated animals provide food, fiber, companionship, and serve as workers.



ANIMALS AND US

Many animals help humans by giving us food, material for clothing, fertilizer for gardens, and even being friendly pets that make us happy! Can you tell how each animal is useful to humans? Some animals may have more than one use.

Animal	How is this animal useful to humans?
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GO TO	
3	

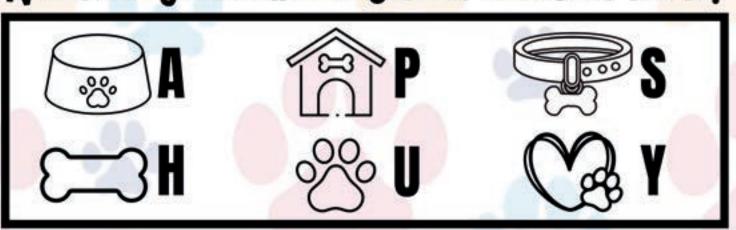


everyone matters. share the world.

Petardig

Can you Crack the Code about Man's Best Friend?

What do you call a dog that doesn't bark?





For-the-Birds Feeder

What You Need:

- Sharpened pencil
- Sugar ice cream cone
- Pipe cleaner
- Table knife
- Creamy peanut butter
- Cheerios[™] cereal
- Birdseed



How To Make:

Step 1

 Use the pencil to poke a hole in the pointed end of the ice cream cone.

Step 2

 Twist a knot in the end of the pipe cleaner. Thread the pipe cleaner into the ice cream cone and out the hole (the knot will hold the pipe cleaner in place).

Step 3

 Use the table knife to spread the peanut butter on the outside of the cone. Press the cereal all over the peanut butter to cover the cone. Sprinkle the birdseed over the cone, pressing it into the peanut butter with your fingers.

Why Volunteer at an Animal Shelter?

SHELTERS are run entirely on <u>DONATIONS</u> of time and money. They can't afford to hire full-time staff to <u>CARE</u> for all their <u>ANIMALS</u>. That is where <u>VOLUNTEERS</u> step in. Volunteers <u>SOCIALZE</u> the animals, exercise them, <u>HELP</u> clean their cages and feed them. Being a volunteer is <u>GOOD</u> for humans too. Besides getting exercise, being with animals will reduce stress and anxiety, build self-esteem and even reduce depression. The same <u>BENEFITS</u> the animals get from humans!



ZOO YOGA



I am an elephant.
WIDE-LEGGED STANDING FORWARD BEND



I am a crocodile.



I am a bear.
DOWNWARD-FACING DOG POSE



l am a tiger.



I am a hippo.



PEANUT BUTTER BOG TREATS

Ingredients:

- 3 cups old-fashioned oats
- 1 banana
- 1/3 cup peanut butter (choose variety with NO Zylitol)
- 1 egg
- 2 tbsp. flour, if necessary
- * 1 2 tbsp. water, if needed

Instructions:

- Preheat oven to 350°F (176°C). Line baking sheet with parchment paper or silpat, set aside.
- Add oats to the bowl of a food processor.
- Let machine run for 2 3 minutes, until oats are almost flour consistency with a few big pieces left.
- 4. Add peanut butter, banana and egg to food processor.
- Mix until dough looks uniform. *If dough seems a bit dry, add a tablespoon or two of water and blend until desired consistency.
- 6. Turn the dough out onto the countertop.
- 7. If the dough is too sticky to work with sprinkle the countertop with a tablespoon or two of flour, and work some of the flour from the counter into the dough until it is no longer sticky.
- 8. Roll the dough out to roughly 1/8" thick.
- Cut treats out with cookie cutter and place on baking sheet. Bake for 16 18 minutes, rotate trays halfway through.
- Cool completely before giving to your dog.

Community Connections

What is a community? A community is group of people. Sometimes the people in a community live together. Sometimes the people in a community learn and play together. Sometimes the people in a community learn and play together. You belong to a number of communities: Your family is a community. Your class is a community. Your school is a community. Your neighborhood is a community. Your town or city is a community, too!



Working, Learning, and Playing Together

The members of a class community work and learn and play together. They share classroom chores. They learn and work together in groups. They share games and puzzles together. They help and support each other. They listen to each other. They share thoughts, ideas, and opinions with each other.



Community Beliefs Listen

Support Member Group Opinion People Idea

Care Help

MY RECIPE FOR MAKING "STONE SOUP"

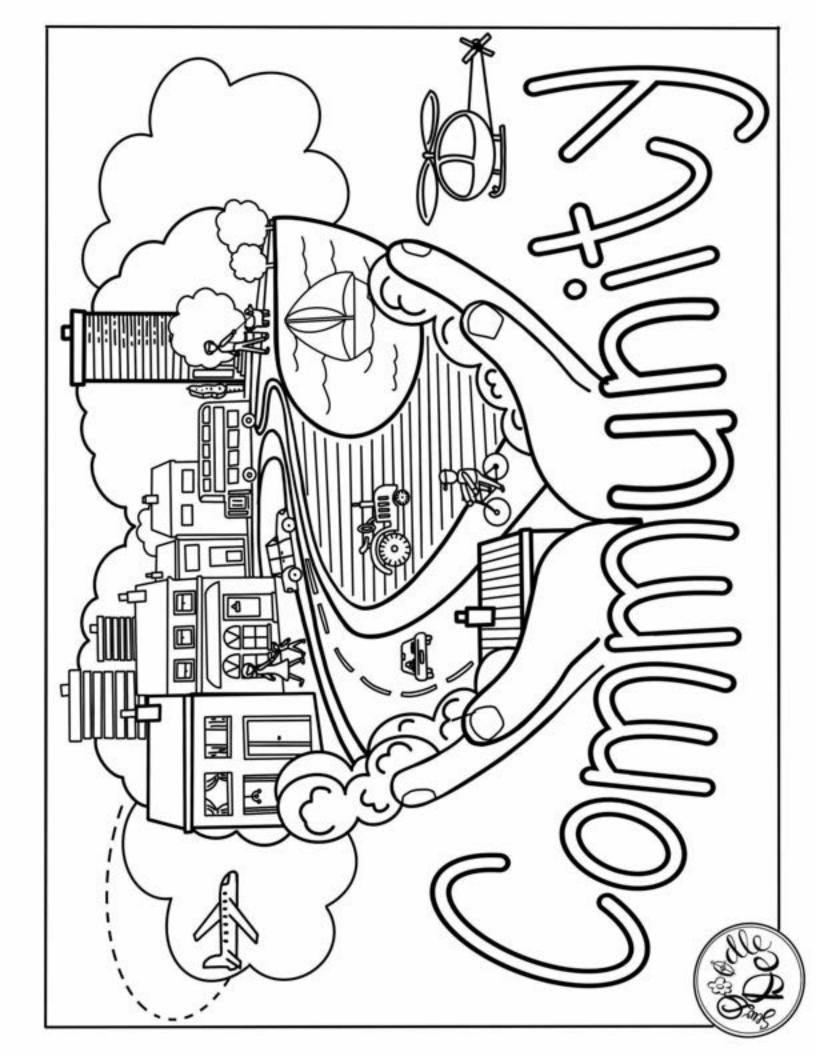
The story of STONE SOUP is set in a small French village. Tired and hungry soldiers approach the villagers for food and a place to rest. The unknown soldiers frighten the villagers. The villagers hide their food and inform the soldiers that they do not have a place for them to sleep.

The soldiers tell the villagers that they will make soup from three smooth stones. The villagers are excited by this idea and eagerly help the soldiers gather the pot, water, and stones to make the soup. When the soldiers hint that a few vegetables will make the soup even better, the excited villagers run home and return with many of the vegetables they had previously hidden.

The villagers even volunteer to bring meat, bread, and cider to the feast. The soldiers and villagers happily enjoy a huge feast together. After spending the night in the homes of several outstanding members of the village, the villagers and soldiers say their good-byes. The end of the story finds the once frightened villagers thanking the soldiers for having introduced them to stone soup.

What would you add to the Stone Soup? Add your ingredients and directions on how to make your version of "Stone Soup"

Stone Soup	
ngredients:	
-Stone	
5-Carrots	
Directions:	
	2



iSpy Community Helpers



HOW MANY OF STATE OF

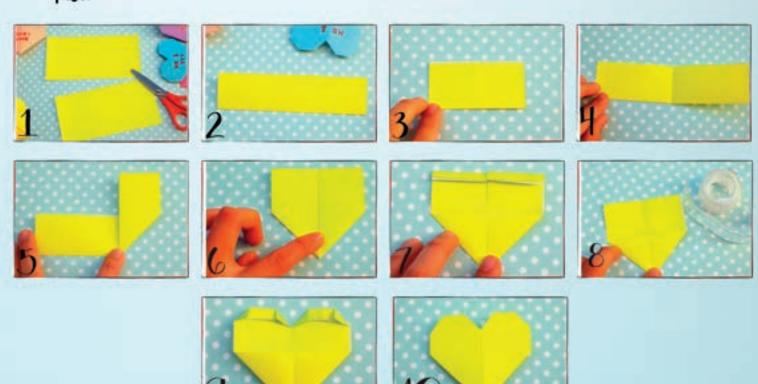
ORIGAMI HEART CORNER BOOKMARK

Supplies:

- Bookmark Template
- Tape
- · Scissors



- 1. Cut out the bookmark template. Fold your template in half and then cut it along the fold. Now you have two smaller, rectangular sheets of paper.
- 2. Fold one of your rectangular sheets of paper in half lengthwise. The top portion of my paper is open.
- 3. Now fold your paper in half again.
- 4. Open up your paper and you should see a fold in the middle.
- 5. Fold up one side of your paper against the folded line.
- 6. Fold the bottom left like you did with the right in step 5. Your origami corner bookmark is starting to take shape!
- 7. Now flip your origami corner bookmark over. Use a small piece of tape to hold both halves together.
- 8. Fold down the top portions to start forming the top of the heart.
- 9. Fold down the left corner and then the right corner on either side of the top of the heart.
- 10. Flip the paper over and your heart bookmark origami is complete. You can slide onto the edge of a page.





INDOOR SCAVENGER HUNT

This is a fun activity to get everyone to work together! Scavenger hunts require communication, strategizing skills, and teamwork! Divide into teams (3-4 teams based on group size) and provide them with clues to see who can solve them the fastest.





Three stuffed animals 🐣







Something yellow



Book with numbers



Something round



Something with a flower on it



Something soft



Book with the letter N



Something plastic



Something with wheels



Two things that are blue





Your favorite toy



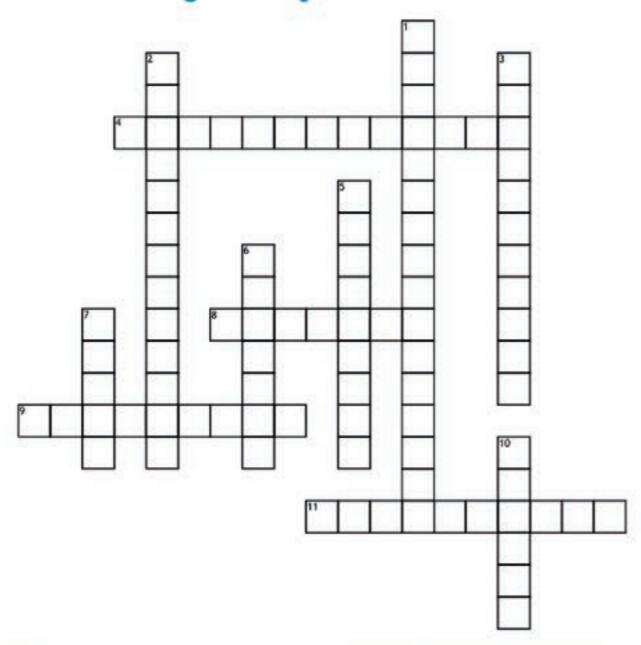
Something with a heart



Something that makes noise



Community Helpers Crossword



Across

- A person who makes sure that people follow laws
- Someone who makes sure everyone gets their mail
- Someone who helps make sure that students have a way to get to school
- A person who measures medicine and makes sure you know how to take it Down
- Someone who keeps the community clean

- Someone who helps people cross the street safely
- 3. A person who puts out fires
- Someone who takes care of people during an emergency if they are injured
- Someone who helps others learn new information
- Someone who works along side a doctor and who's job is to check up on the patient
- A person who is in charge of making medical decisions and giving medicine

CITIZEN

Around the world ordinary people of all ages engage in citizen science—participating in projects in which volunteers and scientists work together. Much of this work is conducted close to home, sometimes in our own backyards or even in our living rooms and kitchens, with guidance from professional scientists by using established science protocols and tools. Citizen science brings everyone into the important work of learning more about and protecting our planet!



NATURE DATA SHEET: TREES

Observation Date: ___

Location:

Be a Citizen Scientist! Go outside & collect some data!

Record your data: Circle Yes, No, or v	vrite i
Do you see? Green leaves on the tree? YES NO	
Colored leaves on the tree? YES NO	
Falling leaves? YES NO	
Flowers? YES NO	
Recent fruit or seed drop? YES NO	
Any animals? YES NO	
Any insects? YES NO	
Any fungus? YES NO	

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SCIENCE ON A STICK ROCK CANDY



What You Need:

- Sugar
- Water
- Cake Pop Sticks/Wooden Skewers
- Food Coloring
- 1.Dip one end of cake-pop sticks or wooden skewers in water and then roll them in granulated white sugar. The sugar should cover 2-3 inches of the stick. Let them dry completely. These are the seeds for the sugar crystal growth.
- 2.Boil 2 cups water and 5 cups sugar until sugar is dissolved as much as possible. It should look like syrup. This is your supersaturated sugar solution.
- 3.Let syrup sit until it is no longer hot and pour into glass containers. Add food coloring and stir.
- 4. When colored syrup is <u>completely</u> cool, set the sugary end of the sugar-seeded cake pops or skewers into the syrup and let them sit for about a week.
- 5.Gently move the sticks around occasionally, so they don't stick to the crystals in the bottom of the glass. If the glass container gets too full of crystals, pour the syrup into a new container and move your stick into the cleaner syrup to grow more crystals. When the rock candy is done, drain the excess syrup and let them dry. Enjoy!

CITIZEN SCIENTIST

CSWQUESTIONSQXY VLSHAR 77 F EARCSST TECOECX EALADREWN AOAATLNNSCNBO LNSLARQQGMH ESUSEDISCOVERYE

WORD BANK

citizen science observation patterns research change discovery reveal

study

possibilities contribute scientist records information database puzzle

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ARKANSAS BIRD GUIDE

Outside your door, in your backyard, even when you go on vacation—birds are everywhere! Whether you're a beginner watcher or an experienced birder, you can help scientists by identifying birds in your area. Here are some common birds in Arkansas. Have you seen any of these birds? How many? Cut out the birds photographs below to make a bird guide for on the go watching!



BLUE JAY CYANOCITTA CRISTATA





AMERICAN ROBIN TURDUS MIGRATORIUS





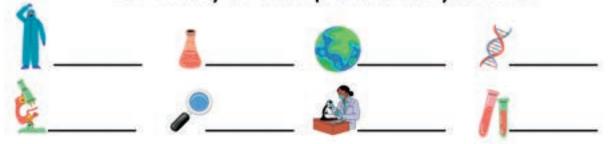
RUBY-THROATED HUMMINGBIRD ARCHILOCHUS COLUBRIS

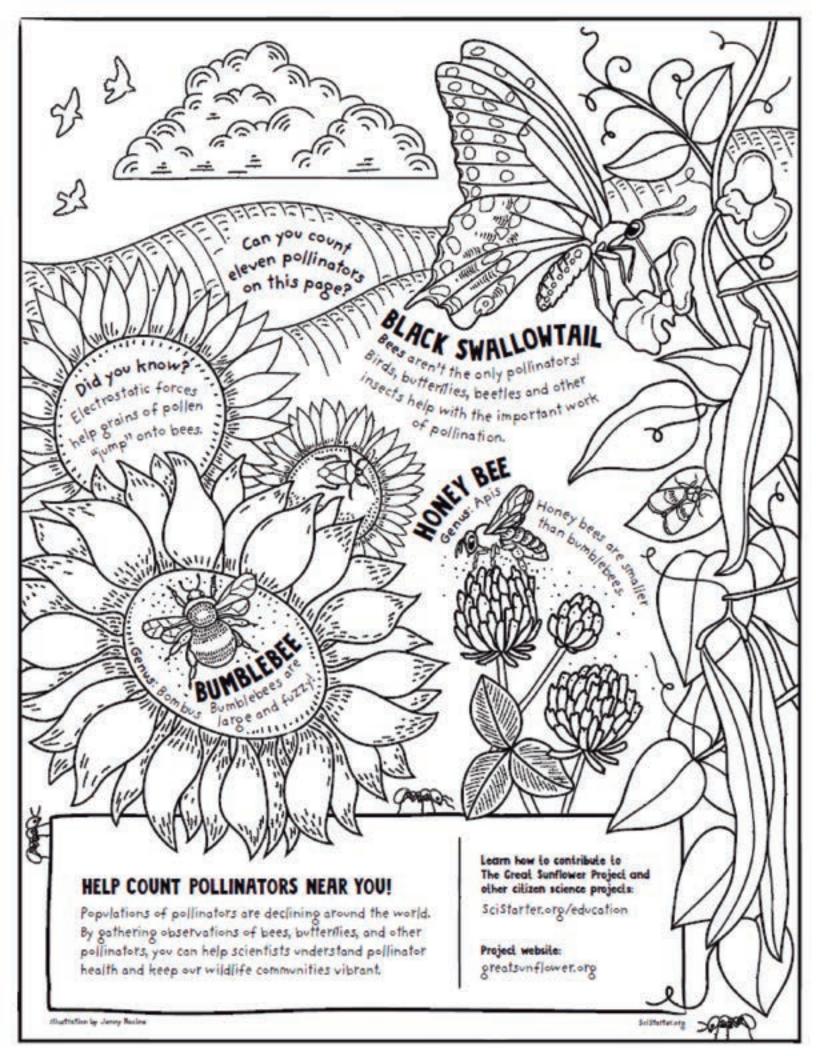


NORTHERN CARDINAL CARDINALIS



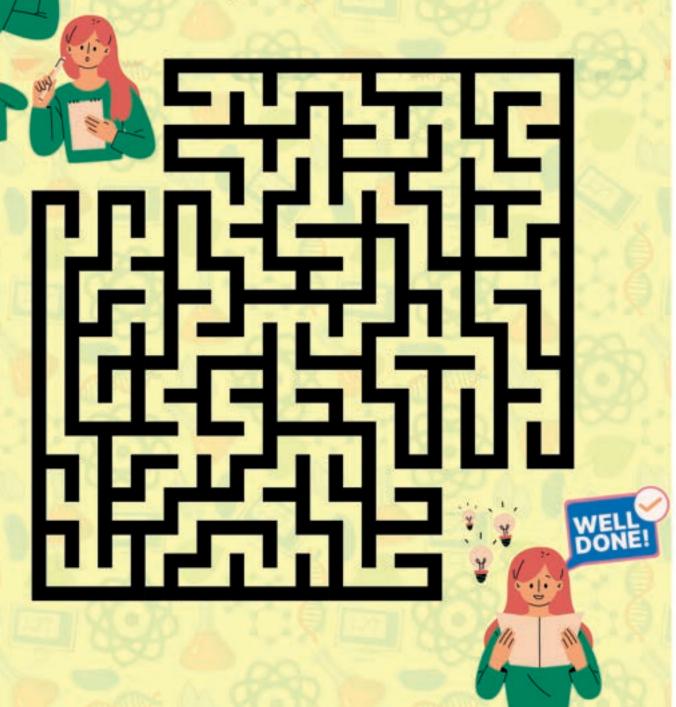
How many of each picture can you find?





LOST IN THE LAB

Being a Citizen Scientist involves research & experimentation in your community to help professional scientists! Can you help the scientist find the answer?



FIELD GUIDES FOR THE 21ST CENTURY

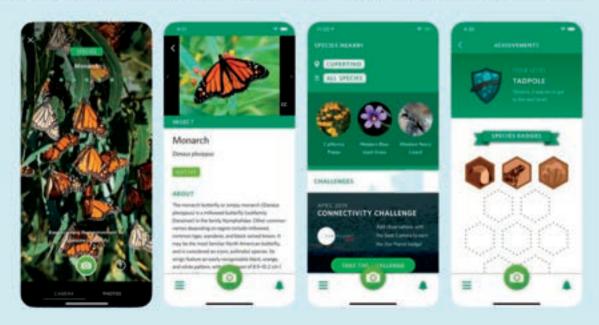






TAKE YOUR NATURE KNOWLEDGE UP A NOTCH WITH SEEK! USE THE POWER OF IMAGE RECOGNITION TECHNOLOGY TO IDENTIFY THE PLANTS AND ANIMALS ALL AROUND YOU. EARN BADGES FOR SEEING DIFFERENT TYPES OF BIRDS, AMPHIBIANS, PLANTS, AND FUNGI AND PARTICIPATE IN MONTHLY OBSERVATION CHALLENGES.

- GET OUTSIDE AND POINT THE SEEK CAMERA AT LIVING THINGS.
- IDENTIFY WILDLIFE, PLANTS, AND FUNGI AND LEARN ABOUT THE ORGANISMS ALL AROUND YOU
- EARN BADGES FOR OBSERVING DIFFERENT TYPES OF SPECIES AND PARTICIPATING IN CHALLENGES



KID-SAFE AND FUN FOR FAMILIES--NO REGISTRATION IS INVOLVED, AND NO USER DATA IS COLLECTED!

SEEK WILL ASK PERMISSION TO TURN ON LOCATION SERVICES, BUT YOUR LOCATION IS OBSCURED TO RESPECT YOUR

PRIVACY WHILE STILL ALLOWING SPECIES SUGGESTIONS FROM YOUR GENERAL AREA. YOUR PRECISE LOCATION IS

NEVER STORED IN THE APP OR SENT TO INATURALIST. OUR IMAGE RECOGNITION TECHNOLOGY IS BASED ON

OBSERVATIONS SUBMITTED TO INATURALIST.ORG AND PARTNER SITES, AND IDENTIFIED BY THE INATURALIST

COMMUNITY. THIS IS A GREAT APP FOR FAMILIES WHO WANT TO SPEND MORE TIME EXPLORING NATURE TOGETHER.



Community gardening is about individuals & families of diverse backgrounds gardening together, & everyone is welcome! Community gardens include people of diverse cultures & languages, with a range of incomes, & various levels of gardening experience. Each individual, family, & organization has a plot to tend & opportunities to volunteer to keep the garden running smoothly.

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Pixel Perfect Pictures

Use the code below to color the grid and reveal the picture.

1 = Dark Blue

3 = Blue

5 = Green

7 = Red

2 = Orange

4 = Black 6 = Yellow

8 = Pink





Make a 5 nakel

GARTER SNAKES ARE A GARDENER'S FRIEND! OFTEN CALLED
"GARDENER SNAKES," THEY EARN THAT NAME BY EATING
GRASSHOPPERS, SLUGS, GRUBS, AND OTHER INSECTS. A LARGE
ADULT GARTER SNAKE MAY EVEN EAT MICE! HARMLESS TO HUMANS,
THEY EAT THE PESTS THAT WREAK HAVOC IN YOUR GARDEN!



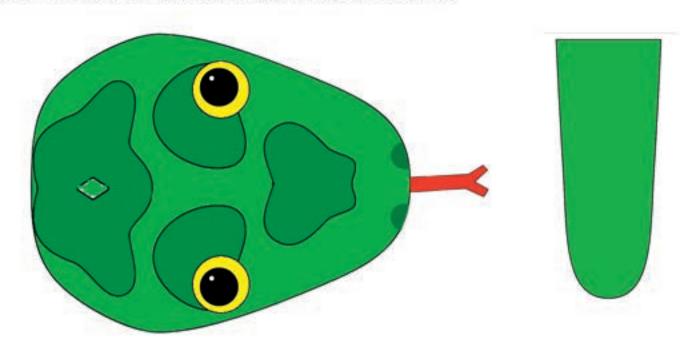


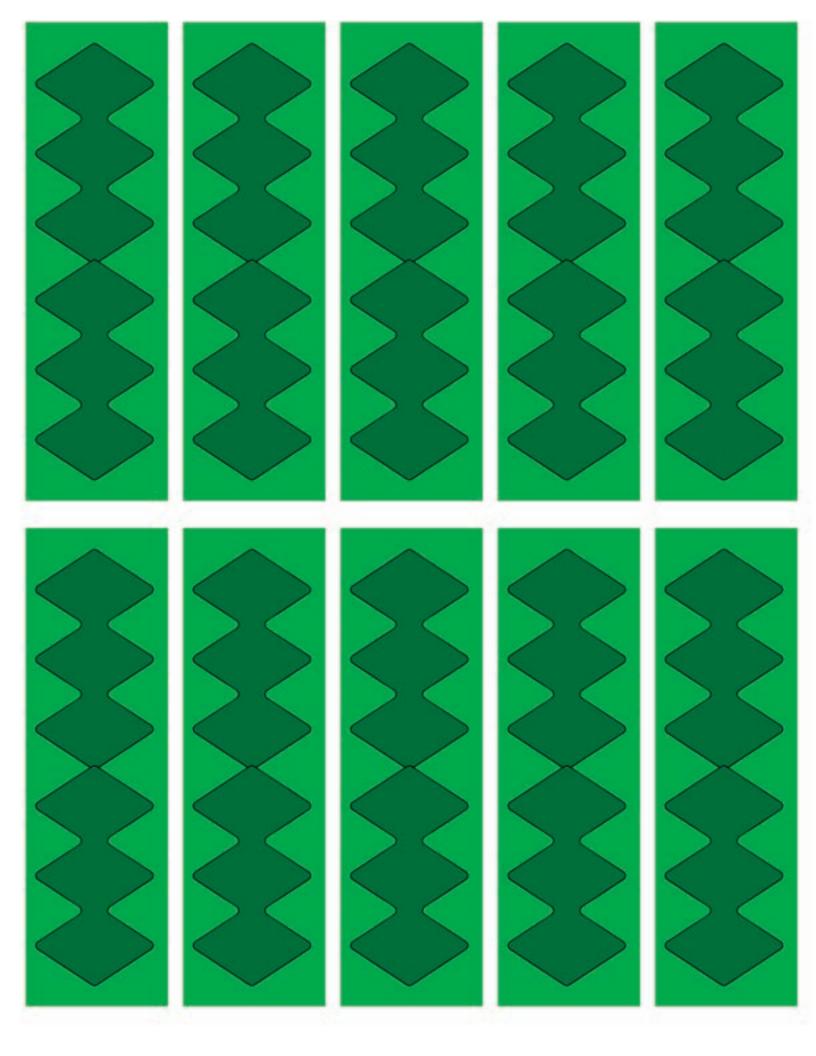


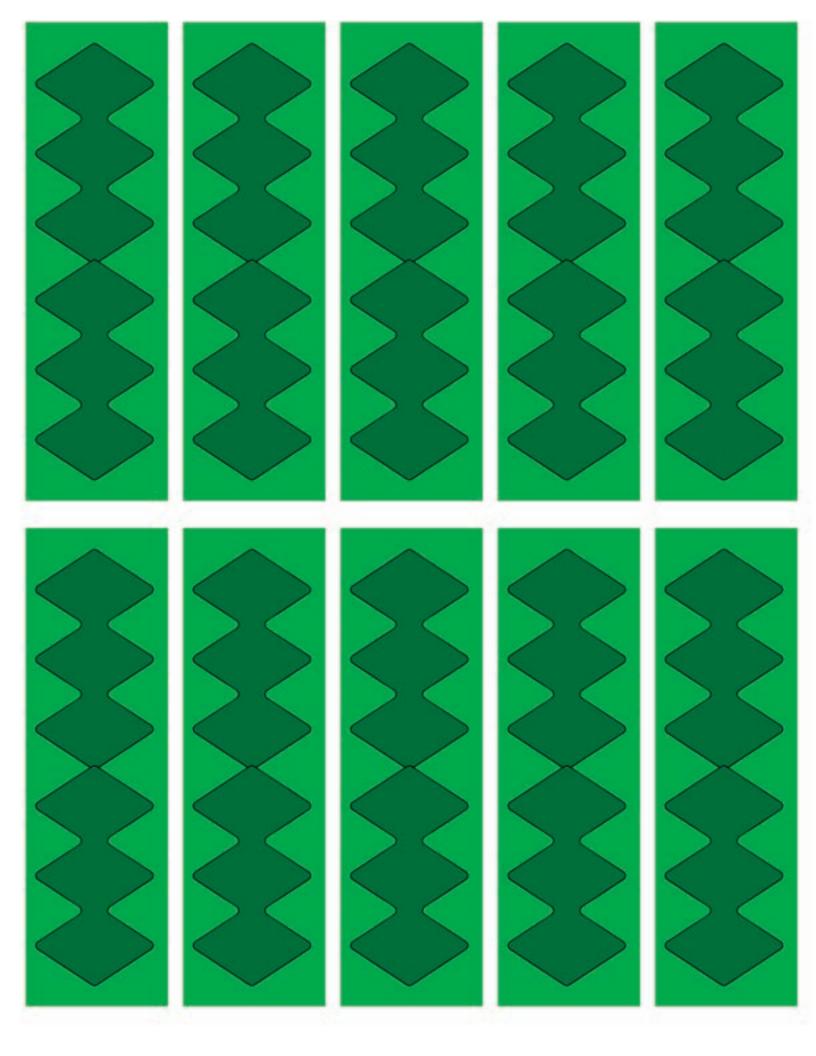




- 1. CUT OUT ALL PIECES ON THE FOLLOWING 2 PAGES.
- 2. ASSEMBLE A PAPER CHAIN WITH THE 20 PAPER STRIPS LIKE THE EXAMPLES ABOVE.
- 3. TAPE OR GLUE THE HEAD TO ONE END OF THE CHAIN.
- 4. TAPE OR GLUE THE TAIL TO THE OTHER END OF THE CHAIN.

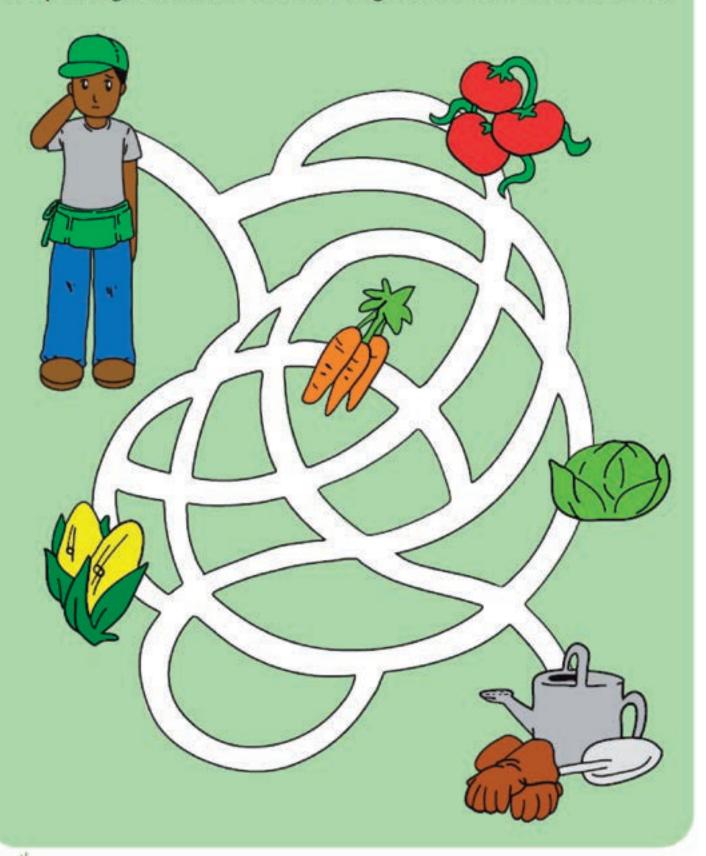






Gardener Game

Help the gardener collect the vegetables and find his tools!





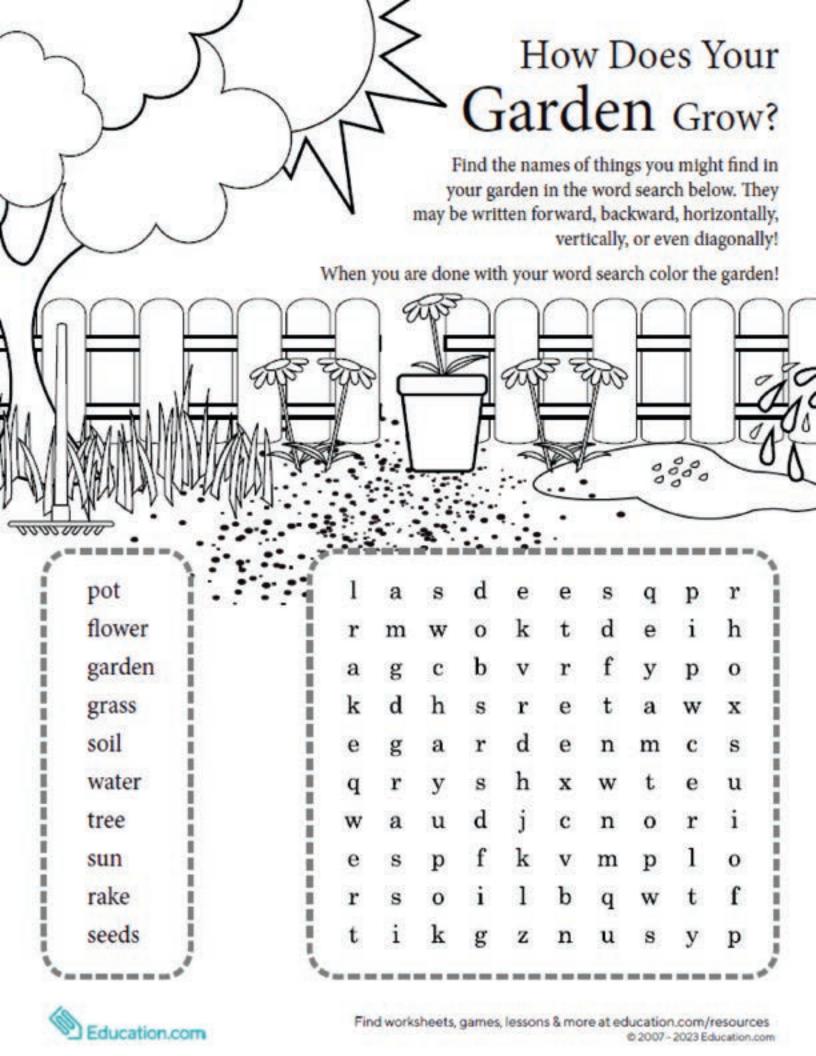
Supplies

- 3.9 ounces instant chocolate pudding mix (1 box)
- · 2 cups whole milk, chilled
- 8 ounces whipped topping, thawed, such as Cool Whip
- ¼ cup unsalted butter, room temperature (½ stick)
- 8 ounces cream cheese, room temperature (1 brick)
- 1 cup powdered sugar, sifted
- 16 ounces Oreo cookies (about 40 cookies), crushed
- 24 gummy worms



Directions:

- Mix the instant pudding mix with the milk according to package directions.
 Allow to set for 5 minutes. Once set, fold in the whipped topping.
- Using a hand or stand mixer, cream the butter and cream cheese together.Add the powdered sugar and mix until light and airy.
- Add the pudding mixture to the cream cheese mixture. Stir well.
- 4. Transfer the mixture to a large Ziplock bag. Cut off one of the corners of the bag to easily fill the cups.
- 5. Working in layers, pipe some of the cream mixture into the bottom of each cup. Add a layer of crushed cookies. Pipe another layer of the cream mixture on top. Garnish with more cookies and gummy worms. Serve chilled and enjoy.



GARDEN SEED BOMBS



A garden seed bomb is compost ball or paper ball that is mixed with seeds. Garden seed bombs can be placed in the garden or into a plant pot with soil. Once the seeds begin to germinate and grow the seed bomb will slowly break apart and the seeds can continue to grow.

WHAT YOU WILL NEED

- 6 pieces Construction Paper, assort. colours
- 3-5 pkg. Flower Seeds
- Food Processor
- · Scissors
- Water

Directions:

- Cut each piece of paper into about 1-inch squares and put them into a small dish.
 Keep each paper colour in its own dish.
- 2. Fill each dish with water just until the paper is covered. Soak the paper for about 20 minutes. Take one of the bowls of paper & wring it out about halfway. Put it in the food processor & pulse the paper into a pulp. Repeat this with all the paper colours & put the pulp back into each of their bowls.
- 3. Sprinkle some seeds into each bowl of paper, mix them in a little. & press the pulp & seeds into balls.
- 4. Set the seed balls on a sheet pan to dry overnight.
- 5. Plant your homemade seed bombs in your garden or anywhere you want flowers to grow! These are great for bees & butterflies!









NAME:
DATE:
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TASK COMPLETED:



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"Reading is a passport to countless adventures."

- Mary Pope Osborne

SOUTHEAST ARKANSAS REGIONAL LIBRARY SERVICE LOCATIONS

Dermott Branch Library 117 S. Freeman St. 870-538-3514 dermott@searlibrary.org Dumas Branch Library 120 E. Choctaw 870-382-5763 dumas@searlibrary.org Eudora Branch Library 161 N. Cherry 870-355-2450 eudora@searlibrary.org

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