



MARINETTE COUNTY LIBRARIES

SUMMER READING CHALLENGE

June to August 2021



Digital logging via

Beanstack

Supported by funding from WI DPI

Welcome to the Summer Reading Challenge!

The Summer Reading Challenge is for everyone: adults, teens, and children over the age of four years. Read on your own or with your family. Everyone in Marinette County may participate through their local library as we try to reach our 250,000-minute reading goal.

Find activities in this book that are fun for you to do. Find answers to select puzzles at www.marinettecountylibraries.org.

As you log reading minutes and activities, you will earn digital tickets for a chance to win prizes from your local branch library. All records (digital and paper) must be submitted by Monday, August 30, 2021. Paper logs can be returned in our book drops.

Paper Logging: If you prefer to keep a paper log, please use the Reading and Activity Log on the next page.

Digital Logging: Log your Summer Reading minutes and find additional activities and resources on our Beanstack site: www.marinettecountylibraries.beanstack.org/reader365
You can also use the free app for Apple or Android.

Scan the QR code to go directly to the app store of your choice.

Apple App Store



Locate "Marinette County Consolidated Public Libraries" from the Drop-down menu. Log in or create an account.



Google App Store



READING AND ACTIVITY LOG

Use this page to track activities and reading. If you use Beanstack, please record your own reading and activities on the website or app.

Return paper logs to your local library branch by Monday, August 30, 2021 to be eligible for prize drawings.

READING

ACTIVITIES

Each circle is ONE hour. Shade in a circle as you read. Earn a ticket after every 2 hours completed. Complete 10 hours of reading for a bonus ticket. Get another bonus ticket when you reach twenty hours.



1 hour 6 hours 11 hours 16 hours



2 hours 7 hours 12 hours 17 hours



3 hours 8 hours 13 hours 18 hours



4 hours 9 hours 14 hours 19 hours



5 hours 10 hours 15 hours 20 hours

Additional Hours:

Mark activities each time you do them. Write the total at the end of the line. Additional options can be found in Beanstack or on Facebook.

make a craft

try the tongue twister

play the game of the week

complete the play along activity

try a brain teaser

answer some trivia

complete a STEM activity

do a puzzle

color a picture

make a recipe

do a word search or maze

Grand Total



Thank you for PRINTING legibly

First name: _____

Last name: _____

Phone Number: _____

Email: _____@_____

Age: 4-11 years 12-18 years 19+ years

School if applicable: _____

Forests TAILS AND TALES



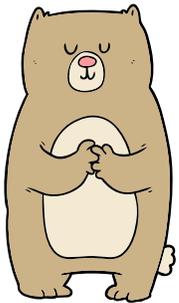
PLAY TOGETHER

Forest Finger Puppets

Find the sheet in your folder. Follow the directions to make the puppets. Then you can make a forest scene for inside play or take the puppets out to play in the wild!

TONGUE TWISTER

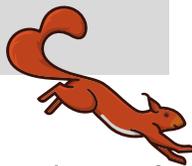
Tongue twisters are fun to say together or to have a verbal race. You can also use them to jump rope or skip to!



*"Fuzzy Wuzzy was a bear.
Fuzzy Wuzzy had no hair.
Fuzzy Wuzzy wasn't
very fuzzy, was he?"*

GAME

Squirrel Scramble



Give each player the same number of clip style clothespins. Players can help each other clip them on the back of their shirt/sleeves. When the game starts, players chase each other while trying to collect the pins from other players without losing their own. The player with the most pins wins!



What did the judge say when the skunk came into his courtroom?

CRAFT

Hedgehog Craft

Color your hedgehog and the piece below it. Then cut it out as one piece on the solid lines. Cut along the short lines along the back and bottom. Fold the bottom up along the dotted line.

Color the backside of the bottom piece and bend the "spines" alternately. Name your hedgehog and share it with us on Facebook!



STEM ACTIVITY



Get Water From a Leaf!



Gently place a clear plastic bag around a small branch of a tree or shrub and close it so it won't fall off. Leave the bag there for a week, checking it each day to see what happens. This is an example of transpiration. Find out more in the eBook *Plants Make Their Own Food* by J. Lundgren, available on Libby and Overdrive ePlatforms.

“Odor in the court!”
Joke answer:

RECIPE: Forest Trail Mix

ANIMAL RIDDLE & FACTS

With Adult Supervision

Ingredients:

- twigs = small pretzel sticks
- dried fruit (ex. raisins)
- assorted nuts or seeds
- mini chocolate chips (or other flavors)
- leaves = dry cereal
- popcorn
- small crackers

Directions:

- Pick three or more ingredients from the list. Be creative and use your favorite dry snacks.
- Combine your choices in a small container.
- Mix well.
- With an adult, head out to a park or trail nearby and enjoy your snack after you hike or play. Maybe pretend you are a forest animal and eat as they would!



I can fly.

I am not a bird.

I am nocturnal (sleep during the day).

I was called a pup when I was a baby.

I am a mammal.

What am I?



Did you know?

- Cats have over one hundred vocal sounds; dogs have ten.
- Butterflies taste with their feet.
- A cat has thirty-two muscles in each ear.
- There are more chickens than people in the world.
- A snail can sleep for three years.
- Raccoons can run up to 15 mph.

Riddle answer: a bat

Forest Trivia

Can you answer these trivia questions about forest animals and habitats?

1. What percentage of the Earth's land surface is covered in forests? 4% 15% 30%
2. What type of trees lose its leaves in the fall? Deciduous or Coniferous
3. There are three types of forests on the planet. Which one of these is not a type of forest?
Tropical Forests Temperate Forests Grassland Forests Boreal Forests
4. True or False: There are more animals in the oceans than in the forests.
5. Which of these animals are found in boreal forests? Reindeer Macaw Kangaroo



Answers: 1. 30% 2. Deciduous 3. Grassland Forests 4. False 5. Reindeer

Brain Teasers...

Can you solve them?

Code Riddles

The answers to the riddles are written in code. Can you solve them?

1=A 2=C 3=D 4=E 5=G 6=H 7=I
8=K 9=O 10=R 11=S 12=T 13=U 14=Y

1. Where do mice park their boats?

6 7 2 8 9 10 14 3 7 2 8 9 10 14 3 9 2 8

2. What happens when a frog's car breaks down?

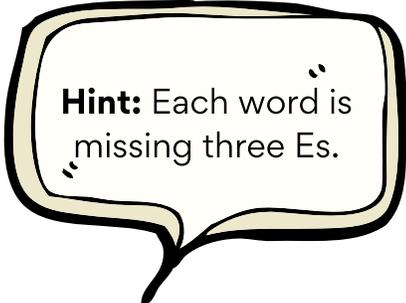
7 12 5 4 12 11 12 9 1 3

Missing Es

The letter "e" was removed from the words below.

Write the complete word on the lines provided.

- | | |
|--------------|---------------|
| 1. brz _____ | 5. ndl _____ |
| 2. xcd _____ | 6. ttr _____ |
| 3. mrg _____ | 7. rcd _____ |
| 4. stm _____ | 8. bhiv _____ |



Hint: Each word is missing three Es.

Circle the Tens

Each row has two pairs of consecutive numbers that add up to ten.

Find the pairs that add up to ten in each line and circle them.

A. 1 7 3 4 5 5 6 7 8 9

B. 3 2 8 6 3 9 1 5 6 7

C. 4 6 5 9 8 2 1 4 4 7

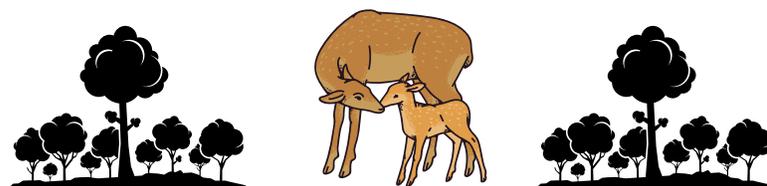
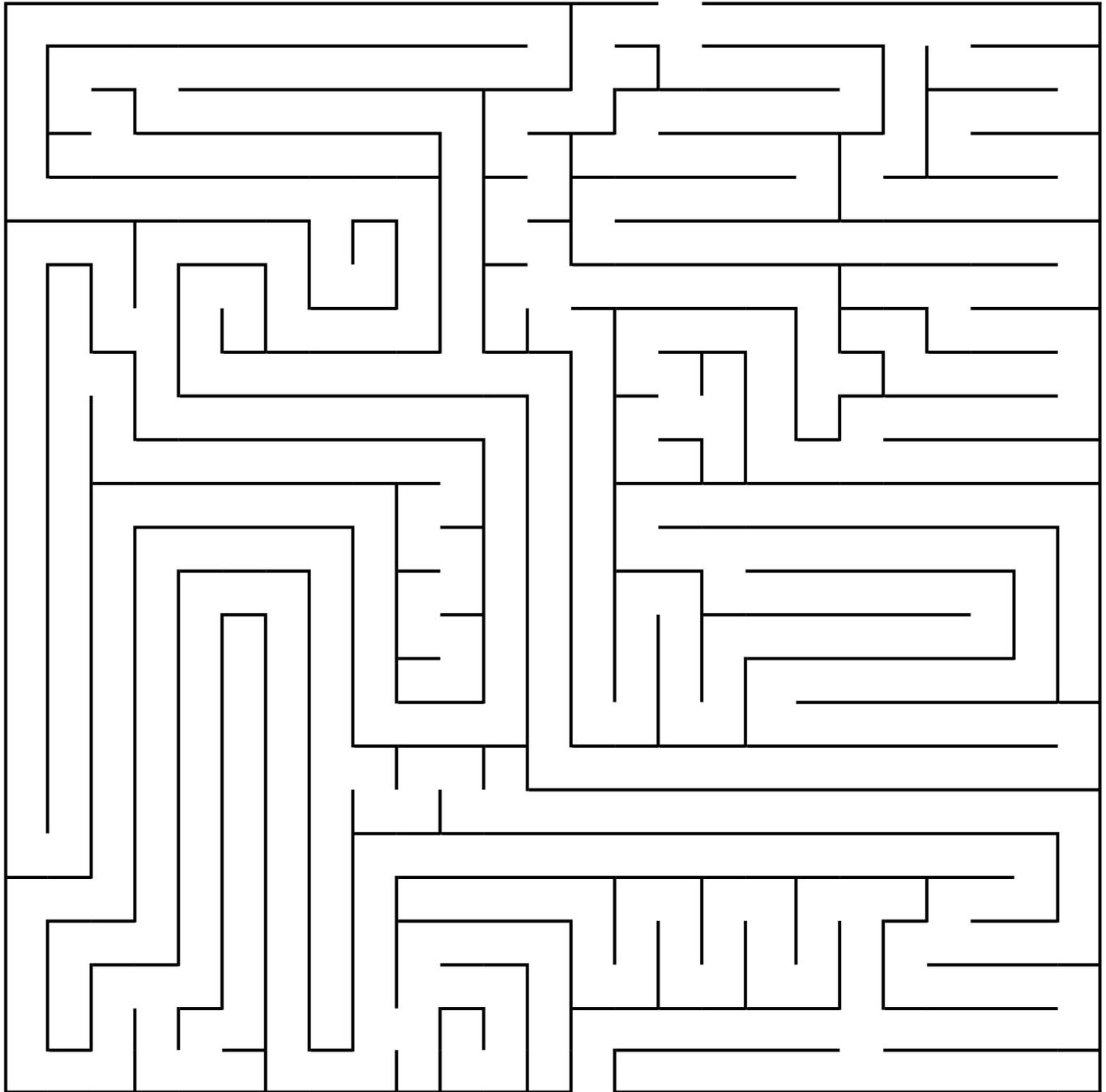
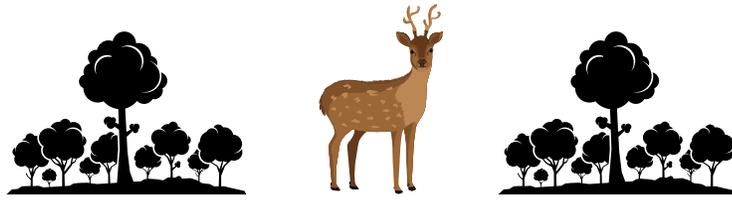
D. 8 6 4 9 3 2 7 6 2 8

E. 2 8 8 1 4 9 1 6 7 1

Coloring for Relaxation



Help the buck through the maze.



Game: No, Because

Object of the game: Give clues to help others guess what object you're thinking about.

What you need:

- 1 Clue-Giver who thinks of an object and gives clues to help other players narrow down their guesses
- 1 or more players to guess

How to play:

1. Think of an object and tell other players what category this object is in. Your group can decide what categories are appropriate for the ages of the players. For example, you could do categories like objects in the grocery store, objects in the living room, objects in the kitchen, objects that are a specific color, or objects that are a specific shape.
2. The first player offers a guess.
3. The Clue-Giver decides if the answer is correct. If yes, the guesser wins the round. If no, the Clue-Giver offers a clue by saying, "No, because..." and then gives a reason that compares the hidden object with the guess.
4. Other players take turns guessing and receiving clues until the hidden object is identified.
5. If guessing continues to a point when the guesser is close, the Clue-Giver can nudge the guesser closer to guessing the object by saying, "No, but it is..." and fill in the rest with something that the last guess has in common with the hidden object.
6. When the object has been revealed, it is another player's turn to think of an object and name a category.

Sample dialogue:

Clue-Giver: I am thinking of an object that is found in the kitchen.

Player 2: Is it a refrigerator?

Clue-Giver: No, because the object is smaller than a refrigerator.

Player 2: Is it a spoon?

Clue-Giver: No, because the object is wider than a spoon.

Player 2: Is it a sink?

Clue-Giver: No, but the object can hold water.

Player 2: Is it a cup?

Clue-Giver: Yes!



Directions inspired by: www.thegamegal.com

TAILS AND TALES

PLAY TOGETHER



Insect Sudoku

Find the sudoku sheet in your folder. Cut the boards apart (optional). Cut out the insects and try to place them according to the directions.

Start with the small boards.

TONGUE TWISTER



How much wood would a woodchuck chuck, if a woodchuck could chuck wood? A woodchuck would chuck as much wood as a woodchuck could chuck if a woodchuck could chuck wood.

STEM ACTIVITY

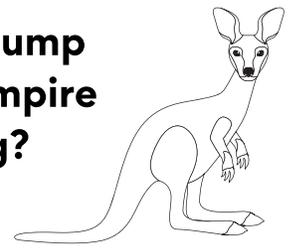


Seed Bombs

You will need about 1 cup each of compost and clay, some wildflower seeds, and water. Break the clay into small pieces. Make a small well in the compost; add the seeds. Add just a bit of water and combine everything until it forms a ball. Break into about 5 smaller balls and allow them to dry out.

To plant, throw the seed bomb into an area with some soil where wildflowers will get the sun and rain they need to grow.

Can a kangaroo jump higher than the Empire State Building?



CRAFT

Giraffe

You will need the yellow giraffe sheets and the green paper from your folder. Carefully cut out the giraffe necks and heads, keeping the flap at the top of the head. Fold the necks back and forth accordion style.

Then glue the heads to the necks and add them to the green paper. Draw some leaves on the green paper around your giraffes. Read *Giraffe Problems* by Jory John available through www.InfoSoup.org.



GAME

Hungry Snake

Grab a jump rope or a length of rope. The "snake" is the person in the middle and everyone else makes a circle around them. The snake spins around keeping the rope near the ground while the other players jump the rope as it approaches. If the snake "bites" (touches) them, they're out. Too hot out? Try holding a cup of water while jumping!



Of course. Buildings can't jump!
Joke answer:

RECIPE: Veggie Critters

With Adult Supervision

Ingredients: Here's a list to get you started, but use your imagination. Pick your favorites!

- body = celery, carrot stick, peas
- head = olive, small tomato
- wings = cucumber, pepper slices, basil leaves
- glue = cream cheese, hummus
- antennae = chives
- legs = thin strips of any vegetable
- eyes = tiny pieces of vegetable
- spots = dried herbs or pepper



Directions:

- Prepare your veggie pieces: select 1 body, 1 head, 2 eyes, 6 legs (2 antennae and 2 wings if using).
- Use the cream cheese or hummus to add parts to your bug.
- Decorate with herbs or peppers.
- Draw or take a picture of your bug, then enjoy your bug!

ANIMAL RIDDLE & FACTS

I can sleep 20 hours a day.
 I live in grasslands and plains.
 I can run as fast as 50 mph.
 I live in a group with about 15 others.
 Females are our hunters.
 What am I?



Did you know?

- Elephants are the only animal that cannot jump.
- An aardvark's tongue can be up to a foot long.
- Opossums are the only marsupials found in North America.
- Giraffe babies can be 6 feet tall when they are born.
- Foxes can run up to 30 mph.

Riddle answer: a lion

Grassland Trivia

Can you answer these trivia questions about grassland animals and habitats?

1. What percent of Earth is considered grassland? 6% 15% 40%
2. True or False: Part of the Everglades in Florida are a type of grassland.
3. Which continent does not have a grassland? _____
4. Which of these is not a type of grassland: Arctic Temperate Tropical
5. List three animals found in grasslands:

Answers: 1. 40% 2. True 3. Antarctica 4. Arctic 5. Zebras, Prairie Dogs, Lions

Brain Teasers...

Can you solve them?

Animal Similes

The common sayings below involve animals. Can you figure out the missing words?

Example: e_____ as a b_____ Answer: eager as a beaver

1. B_____ as a b_____
2. S_____ as a f_____
3. B_____ as a l_____
4. F_____ as a t_____
5. G_____ as a g_____
6. F_____ as a b_____

Sequence

Using the alphabet, can you figure out the next letter in each series?

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

1. ACFJO _____
2. BCDFGHJ _____
3. ADGJMPS _____
4. FOTGOSHORIO _____
5. DEGJNS _____
6. AZBYC _____
7. MNKPH _____
8. WVRQM _____
9. KUEOYI _____
10. ABEFJKP _____

Fast Math

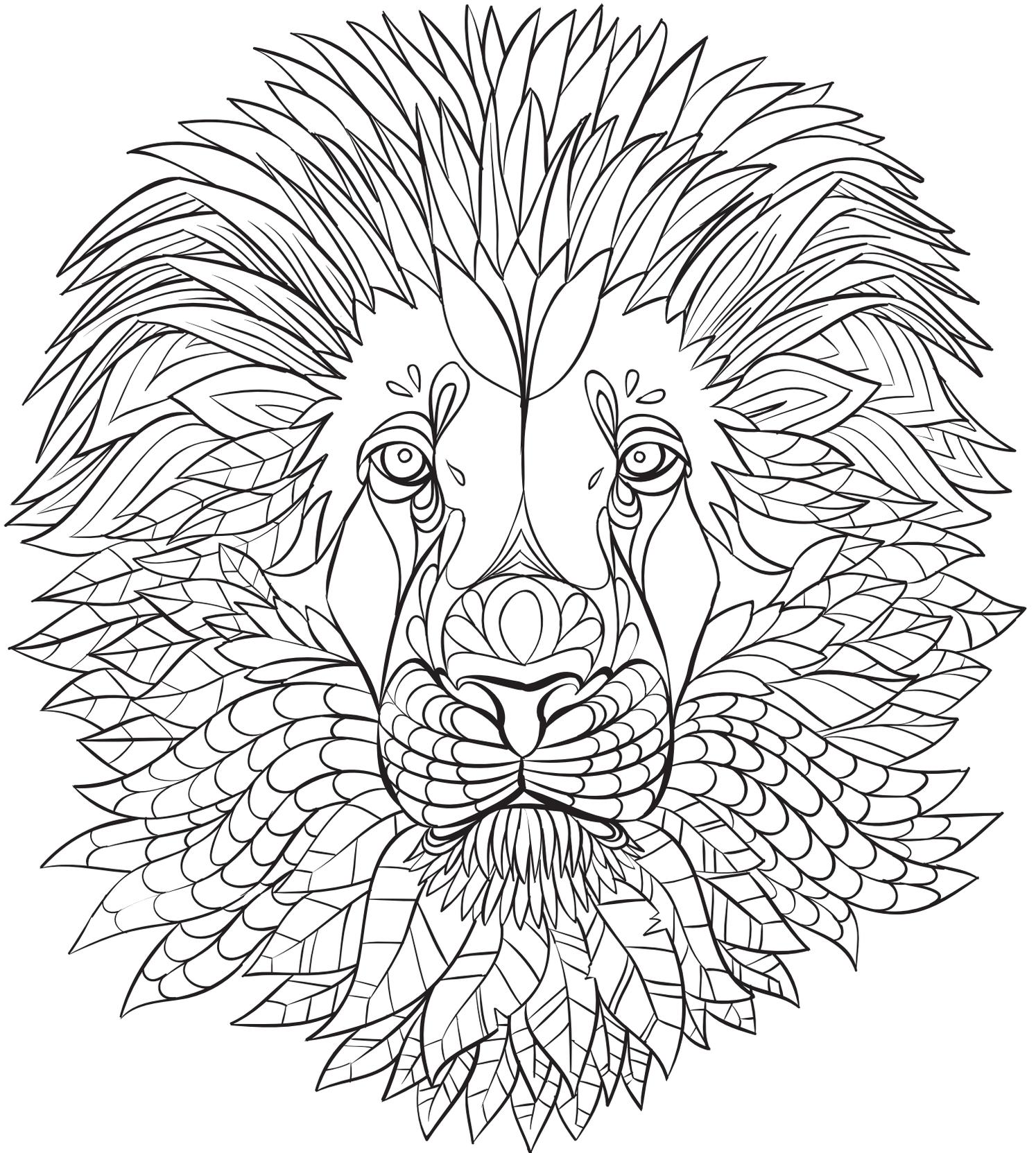
How fast can you answer all these math equations? Time yourself or race against a friend.

$\begin{array}{r} 7 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ + 8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ + 9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ + 1 \\ \hline \end{array}$
---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------	---------------------------------------------------

$\begin{array}{r} 9 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 15 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 19 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 25 \\ - 6 \\ \hline \end{array}$	$\begin{array}{r} 35 \\ - 15 \\ \hline \end{array}$	$\begin{array}{r} 72 \\ - 54 \\ \hline \end{array}$	$\begin{array}{r} 97 \\ - 16 \\ \hline \end{array}$
---------------------------------------------------	----------------------------------------------------	---------------------------------------------------	----------------------------------------------------	---------------------------------------------------	----------------------------------------------------	-----------------------------------------------------	-----------------------------------------------------	-----------------------------------------------------

$\begin{array}{r} 1 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 0 \\ \hline \end{array}$
--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------

Coloring for Relaxation



Grassland Word Search

ANTEATER
ARMADILLO
BADGER
BISON
BUFFALO

CHEETAH
COYOTE
ELEPHANT
FALCON
FERRET

GIRAFFE
GOLDEN MOLE
GOPHER
HEDGEHOG
HYENA

KANGAROO
MEADOW LARK
OSTRICH
PRAIRIE DOG
PRONGHORN

RHINOCEROS
SHREW
SNAKE
WILDEBEEST
ZEBRA



Bonus: Use the clues below to find bonus words in the puzzle.

1. This national park is an ecosystem in Tanzania: _____

2. This word refers to a woodland-grassland ecosystem, and is also a large cat:

Game: Pictionary

Object of the game: Draw a picture of a common object or phrase while someone else on your team guesses what you're drawing. The team with the most correct guesses wins.

What you need:

- 2 teams (2 or more players per team)
- Something to draw on and with (like paper and pencils)
- Timer (optional)



How to play:

1. Divide the players into two teams.
2. Write words on pieces of paper and put them in a bowl. The words you choose can be easy or more complex depending on the people playing.
3. A player from Team 1 chooses one drawing prompt from the bowl. That player uses the paper and pencil to draw a picture while the other members from Team 1 guess what is being drawn. The person drawing may not draw words or speak to give hints to the rest of the team. If someone on Team 1 guesses correctly, the team earns a point.
4. Team 1 and Team 2 alternate turns until all the words in the bowl have been drawn.
5. The team with the most number of points at the end wins.

Variations:

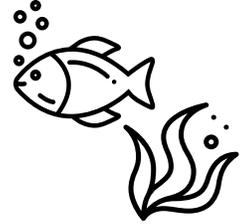
1. Set a timer for each round so that the guessing is completed within a set period of time.
2. If you have hard words mixed in with easy words, assign different point values to each word when setting up the game. A more difficult word may earn 3 points, and an easy word might earn 1 point.
3. If you don't have enough players for two teams, play cooperatively. The person who does the drawing and the person who guesses earn a point when the correct answer is guessed.
4. Set a timer for a 5-minute lightning round to see how many words one team can draw and guess correctly.

Need ideas for drawing? Try some of these:

Chair	Dog	Music	Fishing	Hold your horses!	Rainforest
Shoe	Spider	Wind	Basketball	As sly as a fox.	Wetland
Apple	Fish	Smell	Rowing	A cat nap.	Amazon River

TAILS AND TALES

Why do fish live in saltwater?



CRAFT



Woven Fish

Find the fish outline and strips of paper in your folder. Cut out the fish outline, then fold the head toward the tail. Then carefully make cuts about 1 inch apart from the fold toward the tail stopping after about 2-4 inches. Unfold the fish and weave the paper strips through the slits. Trim the strips to form the top (dorsal) and bottom (ventral) fins. Read more about fish in *Fish Hotel* by Lynn Markham.

PLAY TOGETHER

Five Green and Speckled Frogs

Color the frogs and glue the sheet at the top of the brown paper. Cut on the dotted lines. Glue only the bottom (uncut part) of the brown paper in the middle of the blue paper. As you sing, fold down a frog.



5 green and speckled frogs



Sat on a speckled log.



Eating some most delicious bugs,

Yum! Yum!



One jumped into the pool



Where it was nice and cool

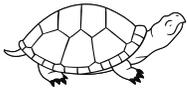
Now there are four green speckled frogs.

Continue until ...

Now there are no green speckled frogs!

TONGUE TWISTER

Tommy Tucker tried to tie
Tammy's turtle's tie.



GAME

Sardines

This is a twist on hide-and-seek. One person hides and everyone else searches for the hider. Once a player finds the hider, they join in the hiding spot. The last person to find the group (who are squished like sardines) is the next one to hide.



STEM ACTIVITY

Leak-Proof Bag

You will need a sealable plastic bag, sharp pencils, water.

Fill the bag with water and seal it. While holding the bag upright, gently poke the pencil through the bag so the tip just pokes out the other side. You can add more pencils. How does this work? The bag is made of polymers and the pencil pushes the molecule chains apart rather than breaking them. What will happen when you pull the pencils out?

Because pepper makes them sneeze!!

JoKe answer:

RECIPE: Fruit Salamander

ANIMAL RIDDLE & FACTS

With Adult Supervision

Ingredients:

- strawberries, hulled (no greens)
- banana, peeled
- grape
- thin cantaloupe slice or orange peel
- glue = yogurt, nut/seed butter, OR skewer



Directions:

- Slice all but one strawberry and banana to form circles.
- Alternate them on a skewer or "glue" them together with the yogurt/butter, place on a plate = salamander body.
- Cut the grape in half and attach to the large strawberry piece as eyes, then add to the body.
- Use a small strawberry end to complete the tail.
- Trim cantaloupe or orange peel to form legs and place two on either side of the body.
- Eat and enjoy!



I am a living dinosaur.
 I can cry real tears to clean my eyes.
 I hatch from an egg.
 I usually live by myself.
 I have between 70 and 80 teeth.
 I have night vision.



Did you know?

- A baby alligator is called a hatchling.
- Slugs can travel over 33 miles in 7 months.
- Ghost crabs can growl at their enemies.
- Mantis shrimp can throw a 55 mph punch.
- A narwhal tusk is actually a tooth.
- Dolphins have a dominant side (think right- or left-handed for humans).
- Whales can have an accent based on where they live.

Riddle answer: an alligator

Wetland Trivia

Can you answer these trivia questions about wetland animals and habitats?

1. What type of soil is found in wetlands? Regular Hydric Sandy
2. In what country is the largest protected wetland? USA Bolivia Russia
3. True or False: Wetlands can be found in any climate.
4. Are wetlands found in freshwater, salt water, or both? _____
5. List three animals that live in wetlands:

Answers: 1. Hydric 2. Bolivia 3. True 4. Both 5. Otters, Fish, Birds

Brain Teasers...

Can you solve them?

Rebus Puzzles

Can you decipher these word puzzles to uncover common phrases?

1.



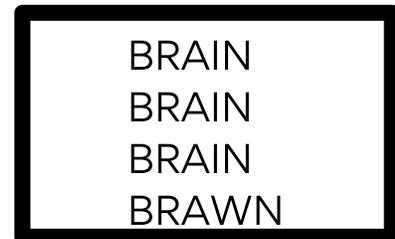
4.



2.



5.



3.



Sequence

Can you figure out the next number in each series?

1. 3, 6, 9, 12, 15, 18

5. 0, 5, 9, 12, 14, _____

2. 100, 90, 80, 70, 60, _____

6. 10, 8, 16, 14, 22, _____

3. 1, 3, 2, 4, 3, _____

7. 15, 30, 45, 60, 75, _____

4. 0, 2, 6, 12, 20, 30, _____

8. 1, 13, 24, 34, 43, _____

10-Letter Words

Distribute the 5 letters on the left into the blanks on the right to form a common 10-letter word.

1. A A C N U _ C _ O _ _ T _ N T

2. A C L R T C _ L _ U _ A _ O _

3. A E E G K _ O _ L _ E _ P _ R

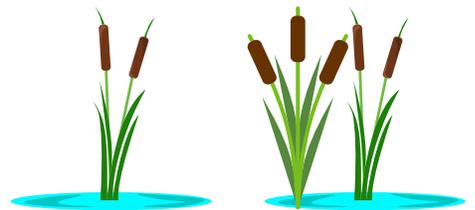
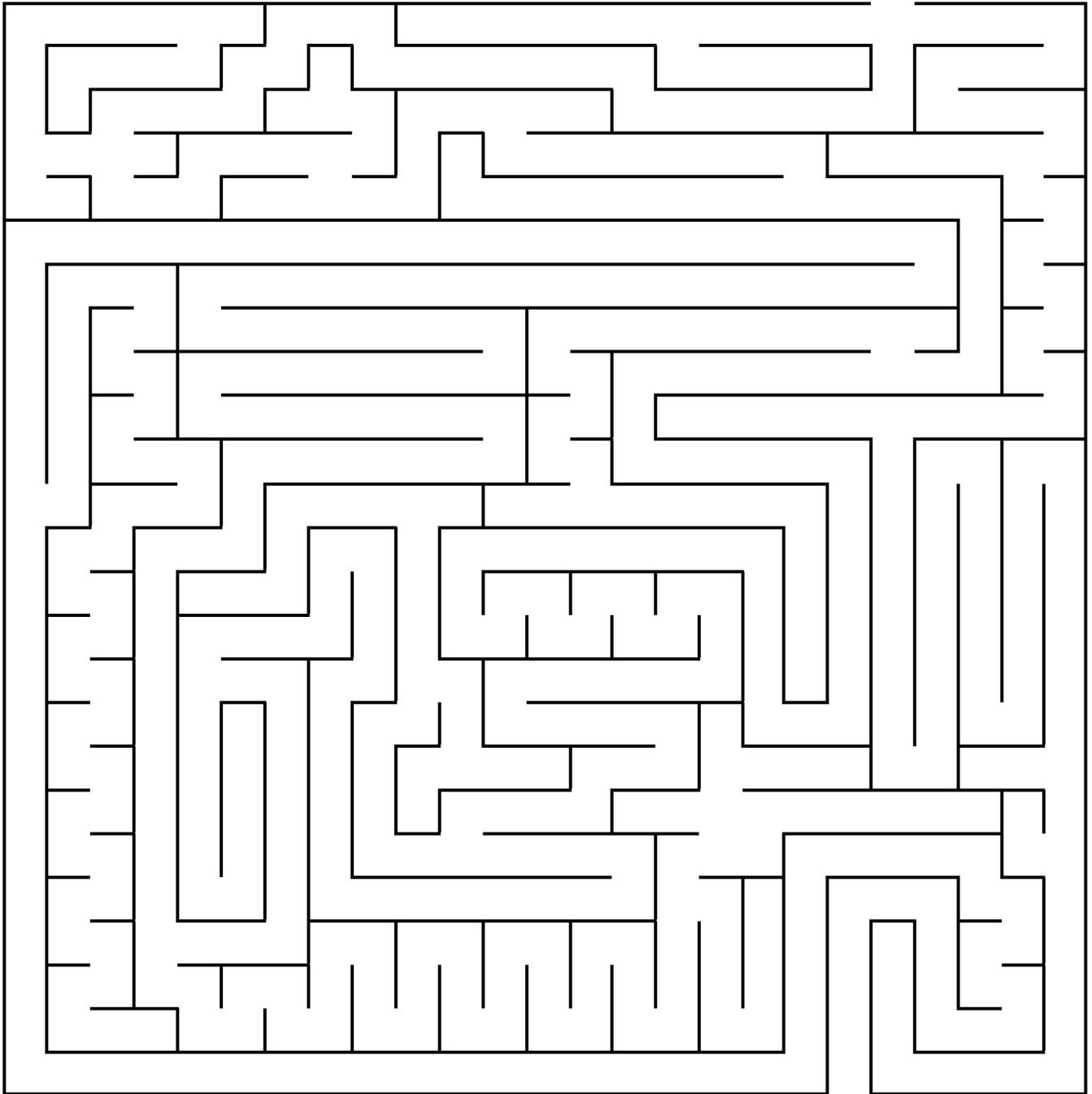
4. I C S H N P _ N _ U _ _ I O _

5. A I I S T _ R _ N _ _ T _ O N

Coloring for Relaxation



Can you navigate through the maze?

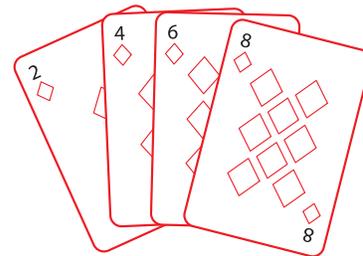


Game: Math War

Object of the game: Use addition to win the most cards.

What you need:

- 2 players
- 1 deck of cards (remove face cards)



How to play:

1. Divide the deck of cards into two even piles. Place one pile face-down in front of each player.
2. To start the game, both players draw two cards from the pile in front of them and turn the cards over so both players can see all four cards.
3. Each player adds the numbers on the two cards they just flipped over. Each Ace is a "1". The player with the largest number wins the round and takes the opponent's cards and her own cards and sets them to the side.
4. If both players' cards add up to the same number, then each player draws two new cards and adds the totals of the new cards. The player with the highest sum of new cards wins all eight cards.
5. Repeat steps 2, 3, and 4 until all the cards in the players' decks are gone. The player with the most number of cards won at the end of the game wins.

Variations: When you've mastered the traditional game, try adding these twists to the game or make up your own rules.

1. If you want the game to keep going, place the used cards from each round back into the stack in front of the player who won the round.
2. Instead of adding the two drawn cards, try multiplying or subtracting the values.
3. Each player draws three cards and orders them to make the largest 3-digit number. For example, if Player 1 draws a 3, 5, & 7, and Player 2 draws a 1, 4, & 8, Player 1 could arrange the cards to make 753 and Player 2 could make 841. Player 2 wins.
4. Assign special values to the face cards and play with the face cards in the deck. For example, Kings could be worth "minus 3" and Jacks could be worth "plus 5".

Dessert TAILS AND TALES

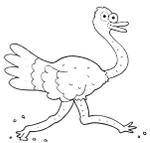
GAME



Roadrunner Memory Race

On index cards or pieces of paper, write down at least five numbers. Make a duplicate set and spread one set of numbers out in a large open space. One person is the caller. They select one number from the other set and call it out. The "roadrunners" race to the matching number and back. Then the caller pulls two numbers. The racers must remember the numbers, run to them in order, and race back. Play continues until all numbers have been called.

TONGUE TWISTER



*Three fluffy feathers fell from
Phoebe's flimsy fan.*

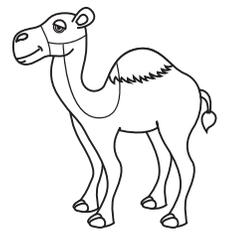
CRAFT

Gila Monster

Find the sheet in your folder. Color the pieces. Option: add glue to the spots and cover with sand, sandpaper, or small gravel for texture. Cut the pieces out and complete your lizard. Find out about Gila monsters in *Animals Nobody Loves* by Seymour Simon on Overdrive or Libby.



What did the camel say
when he met his
friend in the Sahara?



PLAY TOGETHER

Fox Origami

Find the sheet in your folder. Cut out the square and ears. Fold the square in half diagonally with the colored portion at the top. Turn the triangle over and fold the bottom corners into the center to show the face. Then fold them back down and fold the top of the triangle down to meet the bottom of the triangle. Bring the bottom corners back to the middle and fold the top portion of each down and tuck it behind the flap you just folded down. Repeat on the other side. Glue or tape the ears in place. Your bookmark is ready to go!



STEM ACTIVITY

Sun Dial

You will need a pencil or stick, some playdough, and some stones. Find an area where you can set this up and leave it for a while. Place the clay on a stone and embed the pencil in the clay, pointy end up. Then for each hour you want, place a stone where the shadow is cast. As the summer goes on, you will have to recalibrate your sundial. Find more in the eBook *Telling Time* by P. Murphy on Overdrive or Libby.



"Long time no See!"

Joke answer:

RECIPE: Beach Cups

With Adult Supervision

Ingredients: If more than one ingredient is listed, pick your favorite or what you have on hand. Amounts will vary based on your serving container but are suggested for a single serving.

- 'nilla wafers, animal or graham crackers, etc., crushed to = 1/4 cup to 1/2 cup for sand
- vanilla pudding or yogurt

Optional: paper parasol, flat candy or fruit leather for a "towel" for an animal or teddy cracker, etc.

Directions:

- Alternate layers of pudding and crushed crackers ending with crackers on the top.
- If desired, top with the optional pieces and serve in tiny plastic buckets!



ANIMAL RIDDLE & FACTS

I am a carnivore (meat-eater).
I am an arachnid but not a spider.
I grab my prey with pincers.
I can survive being frozen or very hot.
I have a venomous stinger.
What am I?



Did you know?

- Gila monsters can live for a year (or more!) without eating.
- Sandfish are lizards that look like they "swim" under the desert sand.
- Camels can drink 53 gallons of water in three minutes.
- Javelinas are diurnal (active at dawn and dusk) and they love to eat prickly pear cacti.

Riddle answer: a scorpion

Desert Trivia

Can you answer these trivia questions about the desert?

1. On average, how many inches of precipitation does a desert get each year?
2 inches 10 inches 25 inches
2. True or False: Deserts can be hot or cold—they just need to lose more moisture than they receive.
3. Which continent has the world's largest desert? _____
4. The mesquite tree survives in the desert because it draws water from underground. How long can its tap root get? 10 feet 80 feet 200 feet
5. List three animals that live in the desert climate:

Brain Teasers...

Can you solve them?

Telephone Code

The letters associated with the numbers on a telephone keypad are as follows:

2	3	4	5	6	7	8	9
ABC	DEF	GHI	JKL	MNO	PQRS	TUV	WXYZ



Place the appropriate letter corresponding to each of the numbers below to answer the riddle:

Where does a camel go after dinner?

7 8 7 2 4 4 4 8 3 6 7 8 4 3 3 3 7 3 7 8

Commonyms

Each group of words is linked by a common trait. Can you find it?

1. Doughnut...Black...Pot _____
 2. Head...Goat...String _____
 3. Days...Seas...Continents _____
 4. Humans...Porcupines...Books _____
 5. House...Dragon...Horse _____
-

Circle the 15s

Each row has two pair of consecutive numbers that add up to fifteen.

Circle the pairs that add up to fifteen in each line.

- A. 15 0 3 4 5 5 6 7 8 12
- B. 3 2 3 6 9 13 1 14 3 7
- C. 14 15 5 7 8 1 2 4 3 12
- D. 13 1 2 13 3 7 7 6 7 8
- E. 2 5 8 1 4 4 11 6 5 10

Coloring for Relaxation



Desert Word Search

CAMEL GILA MONSTER LOCUST ROADRUNNER SIDEWINDER
DESERT SHRIMP HORNED VIPER MEERKAT SAND CAT TARANTULA
DROMEDARY JERBOA ORYX SANDGROUSE TORTOISE
GAZELLE KANGAROO RAT RATTLESNAKE SCORPION VULTURE



Bonus: Use the clues below to find bonus words in the puzzle.

1. A general term for an animal that is adapted to live in a desert: _____

2. The name of the desert in North America: _____

Game: Ultimate Tic-Tac-Toe

Object of the game: Win three small Tic-Tac-Toe boards in a line on the big Tic-Tac-Toe board.

What you need:

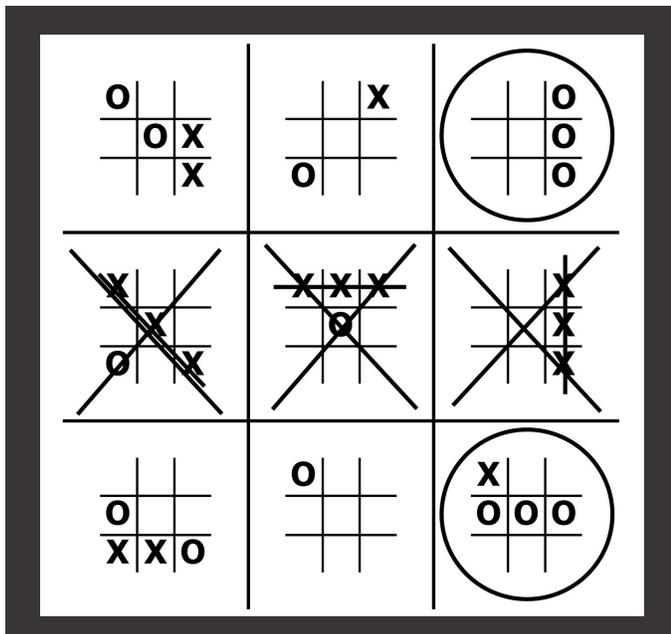
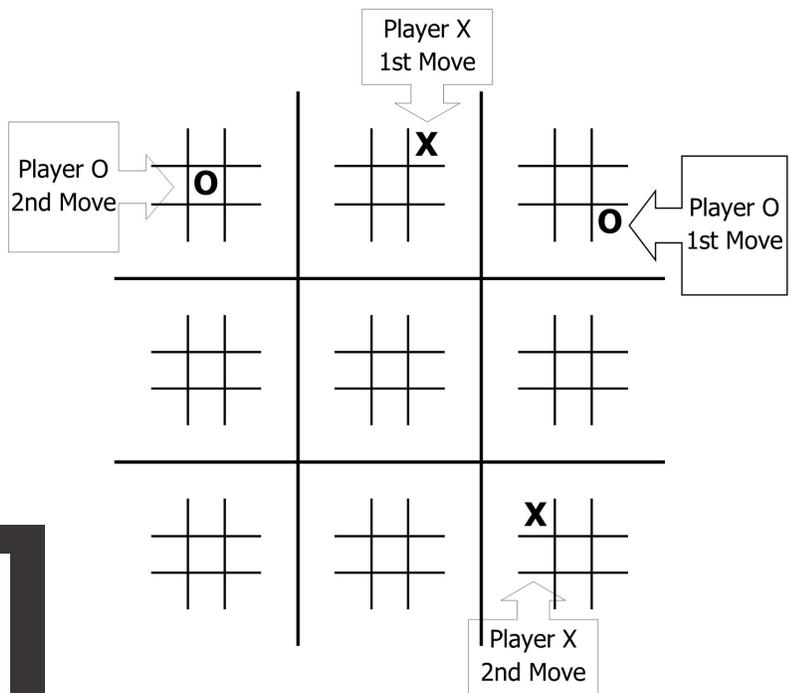
- 1 piece of paper with an Ultimate Tic-Tac-Toe board drawn on it
- 2 players
- 2 pencils

How to play:

1. Player X draws an X in any square on the board.
2. Player O draws an O in any small square corresponding to the big board where Player X just drew an X.
3. Players X and O take turns drawing Os and Xs on the board. A player wins the game when three small boards are won in a line (diagonally, vertically, or horizontally).
4. When a small board has been won by a player, that small board is no longer in use by either player. A player directed to go to a completed small board may play in any open square on the board.

In this example:

- Player X marked the top right small square of the big top-middle board.
- Player O can mark any square inside the big top-right board.
- Player X can mark any square inside the big bottom-right board.
- Player O can mark any square inside the big top-left board.

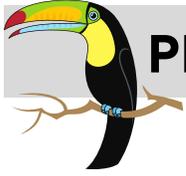


A game may end up looking like this.

Player O won two small tic-tac-toe games, but Player X won 3 small games in a line.

Player X is the winner.

TAILS AND TALES



PLAY TOGETHER

Toucan Puppets

Find the sheets and paper bag in your folder. Color the parts and cut them out. Glue the head on the bottom and glue the body under the flap. Toucans love fruit and prefer to hop. What will your toucan get up to?

TONGUE TWISTER

How fast can you say
Seventy-seven benevolent elephants?

How about this one:

Twelve twins twirled twelve twigs.

Find jokes, riddles, tongue twisters,
and more fun in the
Children's Nonfiction 818 section.

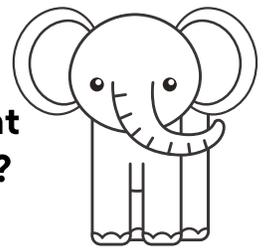
GAME

Jungle Obstacle Course

Use objects from around your home to create a path to follow with different challenges. Try things like hoses, chairs, boxes, and chalk markings. Then pretend you are a jungle animal and move through the course as they would. For example, leap like a leopard or slither like a snake.



How do you
stop an elephant
from charging?



CRAFT

Foil Engraving

Find the foil, jungle picture sheet, and the matte board from your folder. Choose one of the pictures. Place the foil on a stack of newspaper or other paper. Center the jungle picture over your foil. Use a DULL pencil to trace the picture. Be sure to keep it in one place and trace all the lines. Then staple, glue, or tape your foil picture on the black matte board.



STEM ACTIVITY

Bird Beak

Use the straw from your folder and a flattened paper cup or tube. You will also need a small container with "food" (ex. dry cereal or beads) for your bird to pick up. Scatter the food in your test area. Fold the straw in half and use it as a beak to try to pick up the food putting it back into the container. Repeat using the other beak. Can you find more than one way to use this beak? Which way is easier? You can repeat this by mixing the "food" with something to represent rocks (ex. dry beans). How does this change the results?



Joke answer: Take away their credit cards.

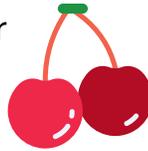
RECIPE: Fruit Leather

ANIMAL RIDDLE & FACTS

With Adult Supervision

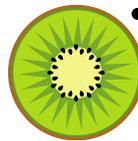
Ingredients:

- 3 cups of fruit (fresh or frozen)
- optional: sugar or another sweetener
- nonstick spray



Directions:

- Preheat oven to 200° F.
- Line a cookie sheet (with raised edges) with parchment paper, spray with nonstick spray.
- Puree the cleaned fruit in a food processor, blender, or mash extremely well by hand (if mashing by hand, cut into tiny pieces first).
- Cook on stove top until reduced by half. (1 1/2 C)
- Gradually sweeten to taste.
- Pour mixture onto prepared cookie sheet about 1/8" thick.
- Bake 6-8 hours or until the center is no longer tacky.
- Remove from pan, let cool, then cut into strips and roll up if desired.



I can weigh 300 kilos or 660 lbs.
 I eat meat and hunt at night.
 I can run up to 65 km or 40 mph.
 I love to swim.
 I am born blind and striped.
 What am I?



Did you know?

- A group of monkeys is a troop.
- The green basilisk lizard can run on water.
- Sloths sleep up to 20 hours a day.
- Kinkajous use their long tongue to reach inside beehives and flowers.
- Ring-tailed lemurs sunbathe and have stink fights.

Riddle answer: a tiger

Rainforest Trivia

Can you answer these trivia questions about rainforest animals and habitats?

1. What percentage of the Earth is covered in rainforest? 0.5% 2% 35%
2. Which of these is the world's largest tropical rainforest?
 Amazon Rainforest Asian Rainforest Australian Rainforest
3. Rainforests are located in a band around the equator between the
 Tropic of _____ and the Tropic of _____.
4. On average, how much rain does the Amazon Rainforest get each year? 10 in. 80 in. 120 in.
5. List three fruits that are grown in the rainforest.

Brain Teasers...

Can you solve them?

Boggle Word Find

Can you spell out five words in this grid by connecting, in order, letters that share an edge or a corner, without reusing any square in the same word?

M	A	C	W	T
T	R	A	N	J
A	Y	E	U	A
P	I	R	K	G
L	F	M	O	N

1. **MONKEY** _____
2. _____
3. _____
4. _____
5. _____
6. _____

Scientific Name Match

Match the scientific name to the common name of these rainforest animals.

Common Name

- ___ Amazonian Manatee
- ___ Black Rhinoceros
- ___ Bonobo
- ___ Chimpanzee
- ___ Electric Eel
- ___ Elephant
- ___ Green Anaconda
- ___ Green Iguana
- ___ Leopard
- ___ Poison Dart Frog

Scientific Name

- 1. Dendrobatidae
- 2. Diceros bicornis
- 3. Electrophorus electricus
- 4. Elephantidae
- 5. Eunectes murinus
- 6. Iguana iguana
- 7. Pan paniscus
- 8. Pan troglodyte
- 9. Panthera pardus
- 10. Trichechus inunguis

Sequence

Can you figure out the next number in each series?

1. 3, 6, 9, 12, 15, 18
2. 5, 7, 6, 8, 7, _____
3. 2, 2, 4, 4, 2, 2, 4, _____
4. 10, 1, 9, 2, 8, _____
5. 1, 2, 4, 7, 11, 16, _____
6. 100, 0, 99, 1, 98, 2, _____
7. 15, 21, 24, 30, 33, _____
8. 50, 45, 55, 50, 60, _____
9. 1, 4, 13, 40, 121, _____

Coloring for Relaxation



Rainforest Word Search

ANTEATER
CAPYBARA
CHAMELEON
CHEETAH
CHIMPANZEE

CROCODILE
GORILLA
KOALA
IGUANA
JAGUAR

LEMUR
LEOPARD
MANDRILL
MONGOOSE
MONKEY

NEWT
OKAPI
ORANGUTAN
PANTHER
PARROT

POISON DART FROG
RHINOCEROS
SLOTH
TIGER
TOUCAN



Bonus: There are four layers of a rainforest. Can you find all four in the word search above?

1. _____

3. _____

2. _____

4. _____

Game: Guess the Word Rule

Object of the game: Give clues to help other players figure out your secret word rule.

What you need:

- 1 person with the word rule
- 1 or more people to guess the word rule

How to play:

1. Player 1 makes up a word rule, but doesn't tell the other players.
2. Player 1 gives clues to the other players by giving examples of words that fit the rule and similar words that do not fit the rule.
3. Players take turns guessing the rule by giving an example of a word they think fits the rule. The player with the word rule decides whether the example fits the word rule or not.
4. Keep the game going until everyone understands the secret rule.

Variations:

- **Green Glass Doors:** The player with the word rule gives clues to ask other players what to bring through her “Green Glass Doors.” For example, you may bring a poodle, but not a dog; you may bring grass, but not flowers; you may bring a tree, but not leaves.
- **Bags, Buckets, and Baskets:** The player with the word rule gives clues as to what can and cannot fit in his bags, buckets, and baskets. For example, “I can put shoes in my Bags, Buckets, and Baskets, but not a shirt; I can put dogs in my Bags, Buckets, and Baskets, but not a puppy; I can put pens in my Bags, Buckets, and Baskets, but not a pencil; I can put eggs in my Bags, Buckets, and Baskets, but not a chicken.”
- **A Book Cover Drawing:** The player with the word rule gives clues as to what is and what is not drawn on her book cover. For example, apples, bees, cats, and dogs are drawn on the book cover, but not bananas, wasps, kittens, and puppies; ants, brooms, cobwebs, and dustpans are drawn on the book cover, but not spiders, vacuums, spills, and shovels; airplanes, boxes, clocks, and doors are drawn on the book cover, but not helicopters, pails, watches, and windows.
- **Over the Rainbow:** The player with the word rule chooses a color and gives clues as to what can and cannot pass over the rainbow. For example, a ladybug may pass over the rainbow, but a grasshopper may not; a robin may pass over the rainbow, but a blue jay may not; a strawberry may pass over the rainbow, but a blueberry may not.
- **Yard Sale:** The player with the word rule gives clues as to what can and cannot be sold in the yard sale. For example, “I can sell a shoe at the yard sale, but not sandals; I can sell a drum, but not a cymbal; I can sell a fork at the yard sale, but not a spoon; I can sell a book at the yard sale, but not a paperback.”

Polar TAILS AND TALES

PLAY TOGETHER

With Adult Supervision

Homemade Polar Dough

Find the Polar Dough mix in your folder. **Adult:** Put it in a heatproof bowl and add 1/2 cup boiling water. Mix well, adding up to 1/4 cup more water as needed to make the dough squishy. Be sure to let it cool before handling. How many arctic critters can you create?



TONGUE TWISTER

*To begin to toboggan
first, buy a toboggan,
but don't buy too big a toboggan.
Too big a toboggan is
too big a toboggan
to buy to begin to toboggan.*

GAME

Penguin Race

Place a small ball or another object between the knees of the racers.

Then they have to race to the finish line without dropping their ball as they waddle like a penguin.

Can you create paths other than a straight line? Is it easier for shorter or taller people to do this?



What do penguins eat for lunch?



CRAFT

Sledding Polar Bear

Find the polar bear parts and blue paper in your folder. Cut out the parts and glue the head to the body. When you glue the bear paws to the blue paper, glue them close enough together to form an arch with the bear's back.

STEM ACTIVITY

Polar Insulation

How do animals stay warm in polar climates? Most of them have two layers: fur or feathers, plus a layer of fat called blubber.

Find a container big enough for your hand. Fill it with ice water. Use a thermometer to check the temperature of the water. How long can you keep your hand in the water?

Next, use the bag from the polar dough or a plastic glove. Cover it with shortening or butter, then put your hand in the ice water. How is it different this time? (Is it the same temperature?) Can you keep your hand in the ice water longer? What else could you use to add more insulation?

Find out more about animal adaptations on Overdrive or Libby in *The Magic School Bus Presents Polar Animals*.

Joke answer: "Ice burg-ers!"



RECIPE: Fried Snowflakes

With Adult Supervision

Ingredients:

- tortilla(s) whatever size you want
- powdered sugar
- nonstick cooking spray, 1 T butter, or 1 T oil
- clean kid-safe scissors



Directions:

- Heat a skillet at least as big as your tortilla over medium heat.
- Fold the tortilla in quarters.
- Use the scissors to cut shapes along one fold leaving the other fold whole.
- Heat the butter or oil in the pan or spray with nonstick cooking spray.
- Unfold the tortilla and heat it until it starts to bubble, then flip and heat the other side.
- When it reaches the desired temp, remove it to a plate and sprinkle both sides with powdered sugar.

ANIMAL RIDDLE & FACTS

I am the biggest meat-eating land animal.

I can smell my dinner 10 km away. My babies are the size of a guinea pig.

Seals are my favorite food.

I can swim 200 miles.

What am I?



Did you know?

- Reindeer eyes change from gold to blue according to the season.
- A group of penguins is called a raft.
- Seal whiskers help them find prey underwater.
- Arctic foxes are omnivores; they will eat insects, small animals, berries, and even other animals' scat.
- Golden eagle wingspans can be 7 feet.

Riddle answer: a polar bear

Polar Trivia

Can you answer these trivia questions about polar animals and habitats?

1. True or False: Polar bears are classified as "marine mammals".

2. About how much ice is in the Antarctic Ice Sheet?

15 million cubic km

26.5 million cubic km

60 million cubic km

3. What are baby seals called?

Calves

Kits

Pups

4. The Lambert glacier is 50 miles wide, 250 miles long, and 8,200 feet deep. Where is it located?

Antarctica

Canada

Russia

5. List three animals that live in arctic climates:

Answers: 1. True 2. 26.5 million cubic km 3. Pups 4. Antarctica 5. Narwhal, Muskox, Snowy Owl

Brain Teasers...

Can you solve them?

A Typical Word

The top row of letters of a typewriter is: Q W E R T Y U I O P

What words can you make out of just these letters?
The same letter can be used more than once in a word.

- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Hink Pinks

A Hink Pink is a pair of rhyming words that matches a silly definition.
Can you find rhyming pairs for these clues? The first one has been done for you as an example.

- Move, female deer Go Doe
- Superior visitor _____
- Head policeman _____
- Horse gaze _____
- Skinny smile _____

Fast Math

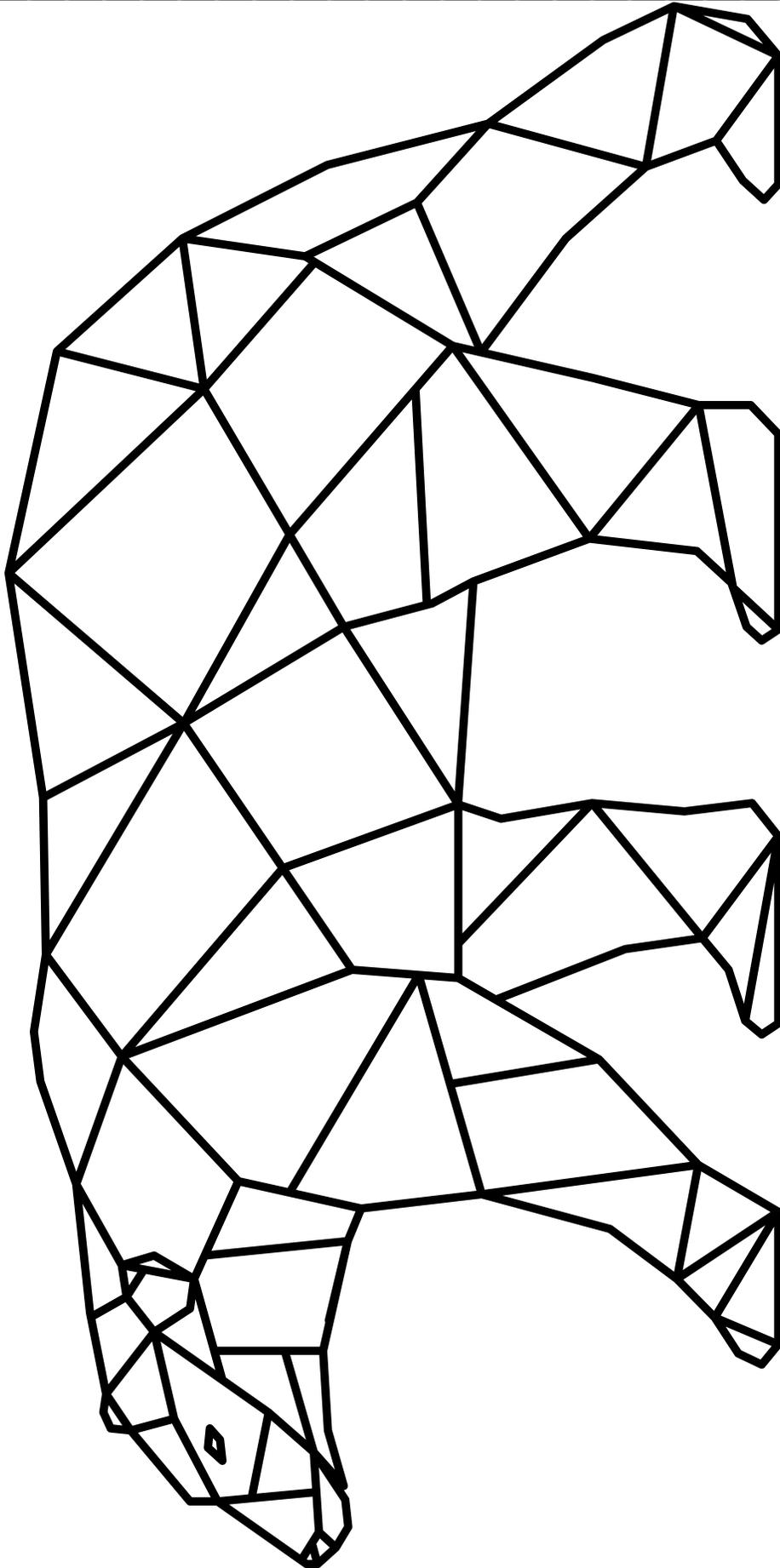
How fast can you answer all these math equations? Time yourself or race against a friend.

$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 27 \\ +15 \\ \hline \end{array}$	$\begin{array}{r} 78 \\ +49 \\ \hline \end{array}$	$\begin{array}{r} 96 \\ +4 \\ \hline \end{array}$
--------------------------------------------------	--------------------------------------------------	--------------------------------------------------	--------------------------------------------------	--------------------------------------------------	---------------------------------------------------	----------------------------------------------------	----------------------------------------------------	---------------------------------------------------

$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 33 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 42 \\ -12 \\ \hline \end{array}$	$\begin{array}{r} 86 \\ -36 \\ \hline \end{array}$	$\begin{array}{r} 99 \\ -23 \\ \hline \end{array}$
--------------------------------------------------	--------------------------------------------------	--------------------------------------------------	--------------------------------------------------	--------------------------------------------------	---------------------------------------------------	----------------------------------------------------	----------------------------------------------------	----------------------------------------------------

$\begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ \times 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ \times 0 \\ \hline \end{array}$
--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------	--------------------------------------------------------

Coloring for Relaxation



Arctic Word Search

ARCTIC FOX
ARCTIC WOLF
BELUGA WHALE
CANADA LYNX
DALL SHEEP

HARP SEAL
KING CRAB
LEMMING
MOOSE
MUSKOX

NARWHAL
PENGUIN
POLAR BEAR
PTARMIGAN
PUFFIN

REINDEER
SNOWSHOE HARE
SNOWY OWL
WALRUS
WOLVERINE



Bonus: Use the clues below to find bonus words in the puzzle.

1. This mountain range divides Antarctica: _____

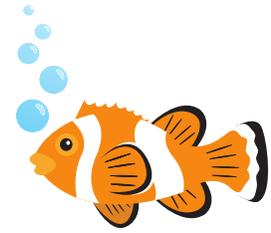
2. These two oceans surround the regions by the Northern and Southern Hemispheres:

Game: Addition Go Fish

Object of the game: Be the player with the most sets of cards that add up to 10.

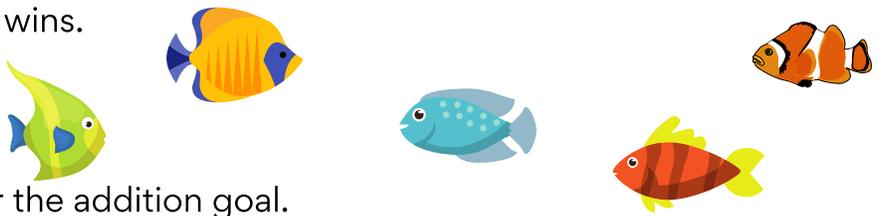
What you need:

- 1 deck of cards (face cards removed)
- 2 or more players who can add or are learning to add



How to play:

1. Shuffle the deck of cards and deal 6 cards to each player. Put the remaining cards in a stack (face-down) in the middle of the players. This deck is called the “Go Fish” pile.
2. Each card has the number value on it. An Ace is the “1” card. Suit does not matter (unless you are playing a variation below).
3. All players look through their cards to see if they have any combination of cards that add up to 10 and lay the cards in front of them. If a player has a 10-card, the card gets laid down as a single card. If a player has a 2 and an 8, the pair gets laid down. Any combination of cards that add together to equal 10 can be laid down. (For example, $1 + 2 + 7 = 10$.)
4. Player 1 asks another player for a number. At this point, two different actions may be taken:
 - A. If Player 2 does not have the card Player 1 asked for, then he tells Player 1 to “Go Fish”; Player 1 draws a card from the “Go Fish” pile. If Player 1 draws a card she can use to make an addition pair, she may place the pair down in front of her; her turn is over for this round. If Player 1 draws a card that doesn’t help to make an addition pair, she keeps the card from the “Go Fish” pile and her turn is over.
 - B. If Player 2 has the number Player 1 is looking for, then Player 2 gives the card to Player 1. Player 1 may ask other players for cards until a player says “Go Fish”. At that time, Player 1 draws a card from the “Go Fish” pile. Player 1 may lay down any cards that together add up to 10; her turn is over.
5. Repeat step 3 with all the other players.
6. The game is finished when a player has no more cards in her hands. The player with the most number of addition sets wins.



Variations:

1. Choose different numbers for the addition goal.
2. Use a card deck with numbers that go higher than 10 (like Rook cards or make your own).
3. Choose a small number, and play the game with subtraction instead of addition.
4. Decide on “bonus” points for “runs” (like $1 + 2 + 3 + 4$) or collecting cards of one suit.



Virtual Programs

For information about virtual and passive programs, including content, dates, times, access information, as well as current library news, check our Facebook pages and website:

www.marinettecountylibraries.org

Additional information may be found in your local newspaper and at 8:30 AM on WOCO Radio the first Tuesday of the month.

Library Facebook pages are listed by the individual library name. (Goodman patrons should reference the Niagara FB page.)

Stephenson Public Library (Marinette):

1700 Hall Ave. 715-732-7570

Coleman-Pound Public Library:

123 W. Main St. 920-897-2400

Crivitz Public Library:

606 Louisa St. 715-854-7562

Goodman-Dunbar Public Library:

1 Falcon Crest 715-251-3236

Niagara Public Library:

1029 Roosevelt Rd. 715-251-3236

Peshtigo Public Library:

331 French St. 715-582-4905

Mid-County Public Library (Wausaukee):

703 Main St. 715-856-5995

