

Early

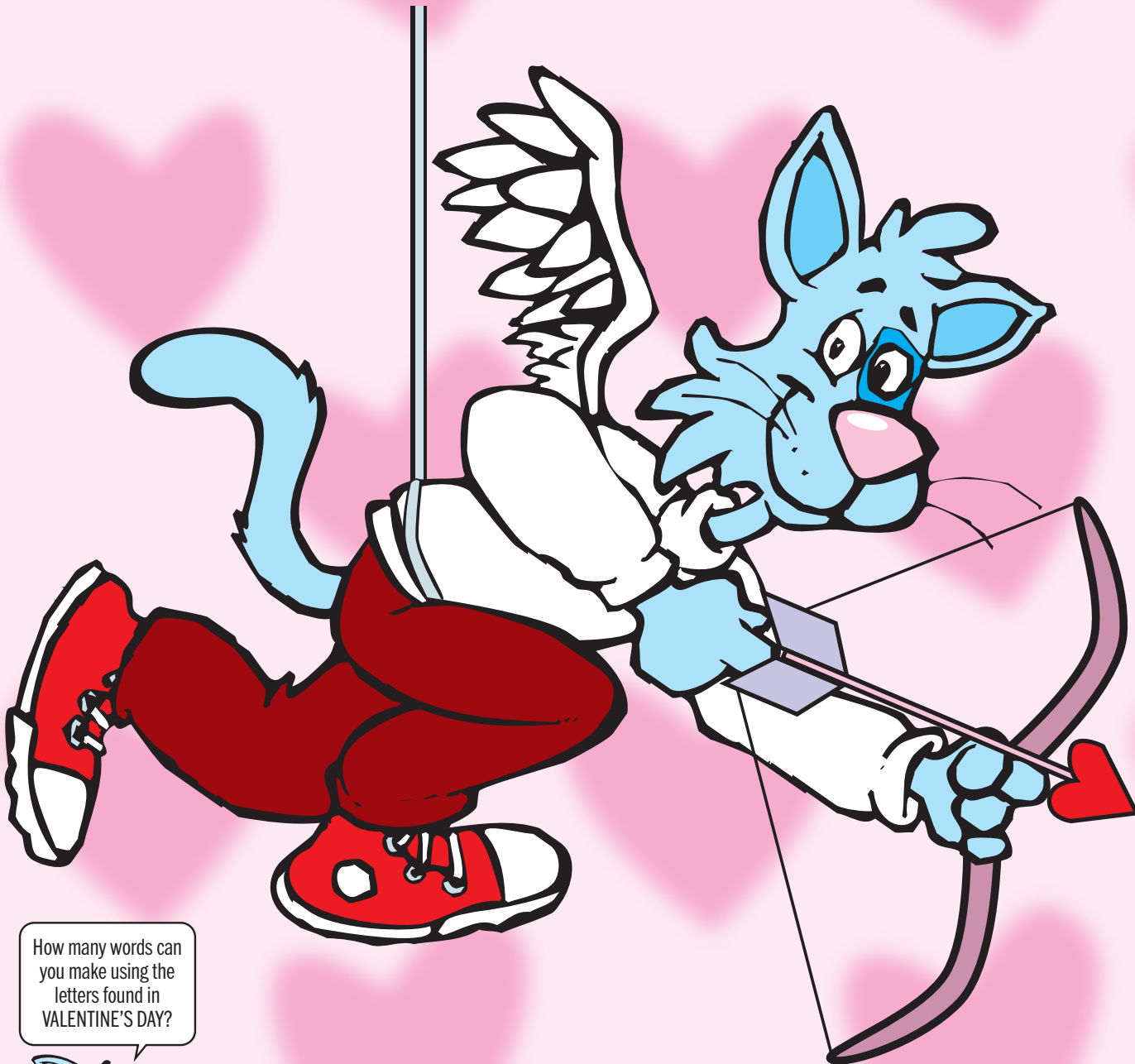
Deseret News

CONNECT **1**23



Your Family • Community • World

My name: _____



FROM THE DESK OF **WOODWORD**

February is a time of many celebrations and events. Valentine's Day is celebrated everywhere. We celebrate with a Valentine mystery. See if you can crack the code and solve the puzzle.

We honor the life of the Frederick Douglass for Black History Month. He was born a slave but became an abolitionist, a publisher and a friend of Abraham Lincoln.

Right at the beginning of the month we watch as they wake up Punxtawney Phil on Groundhog Day. Let's see if he's able to foretell the weather this year. The Hibernation page explains how animals, like woodchucks and groundhogs, take a deep sleep in winter and wake only when the weather gets warmer.

Enjoy the Valentine crafts and puzzles dotted throughout **Connect 123** — it's our gift to you. See you next month.

Woodword

How many words can you make using the letters found in VALENTINE'S DAY?



MYSTERY

The Case of the Puzzling Valentine!

Things are not always what they seem. Can you figure out the answer to this *Puzzling Valentine!* story? Use Detective Max McNumber's secret code if you need help!

From the desk of Max McNumber

The shiny police car pulled up in front of the school. Children stopped their games to run and see what was happening.

A police officer jumped out of the car and rushed a package over to one of the teachers and said, "This is for my son."

"Joey, you have a Valentine package!" yelled the teacher.

Surprised, Joey looked up and said, "That's not my father."

Who is it?

MAX McNUMBER'S SECRET CODE

□	∖	○	▶	∕	∩	+
C	E	F	H	I	J	L
◀	✓	■	◀	◆	×	●
M	O	P	S	T	Y	R

◆ ▲ ∖ ■ ✓ + ∕ □ ∖
 ✓ ○ ○ ∕ □ ∖ ● ∕ ▲
 ∩ ✓ ∖ × ▲ ◀ ✓ ◀

Standards link: Language arts/reading comprehension: Follow simple written directions.

Sweet Math

Help Max figure out the flavor of each candy below by solving the math problems. Draw a line to connect the hearts of the same flavor.

- 8 = Lemon
- 9 = Berry
- 6 = Banana
- 7 = Orange
- 3 = Grape

$10 - 2$ $4 + 3$ $8 - 2$
 $9 - 2$ $13 - 4$ $7 - 4$
 $2 + 1$ $5 - 2$ $9 - 2$ $19 - 11$ $14 - 7$
 $3 + 5$ $6 + 3$ $15 - 9$ $9 - 2$ $3 + 3$

Valentine butterfly pencil topper

STUFF YOU'LL NEED:

- scissors
- pencil
- glue stick
- construction paper

STEP 1: Cut out heart-wing shape, two medium sized hearts and two small hearts.

STEP 2: Glue a medium and a small heart on each wing.

STEP 3: Make two small horizontal slits at center of heart wings. Insert pencil through slits.

Standards link: Reading comprehension: Follow simple written directions.

Hearty mouse

STUFF YOU'LL NEED:

- construction paper
- glue stick
- scissors
- googly eyes (optional)
- black marker

STEP 1: Cut out a big pink heart.

STEP 2: Fold the heart in half.

STEP 3: Cut out two smaller hearts.

STEP 4: Glue small hearts to make an ear. Glue on a googly eye or draw an eye.

STEP 5: Cut out six little strips to make whiskers. Cut out a squiggly tail.

STEP 6: Glue on whiskers and tail. Use marker to make a black nose.

Pulse puzzle

Which animal has the fastest heart rate? To find out, draw a line to match the heart parts. The number inside the matched parts tell show many times that animal's heart beats in one minute.

Standards link: Life science: Animals have structures that serve different functions.

Word search

Find the words by looking up, down, backwards, forwards, sideways and diagonally.

- | | |
|-----------|-------|
| VALENTINE | CANDY |
| SECRET | SWEET |
| MESSAGE | PINK |
| HEART | LOVE |
| BANANA | RED |

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

Standards link: Letter sequencing. Recognized identical words. Skim and scan reading. Recall spelling patterns.

Heart Patterns

Circle the heart that comes next in each row.

Standards link: Math/probability: Extend simple patterns.

ANSWERS

How to Draw a LOVE BUG

Learning buddy sign here

I have completed _____ activities with my learning buddy.

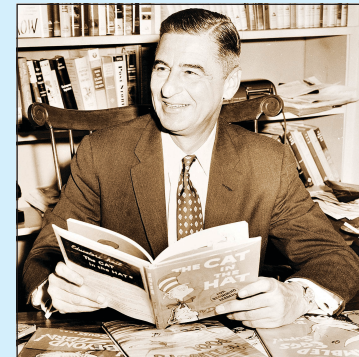
Learning buddy's signature Date

Please send ideas, suggestions or information to: nie@deseretnews.com

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NIE director: Cindy Richards crichards@deseretnews.com 55 N. 300 West Salt Lake City, UT 84101 801-237-2172

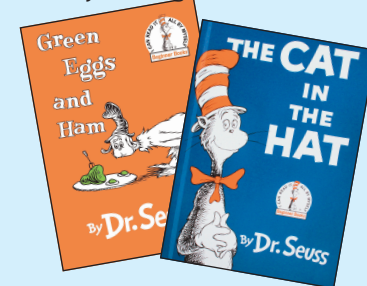


LIBRARY OF CONGRESS

Mark your calendars

March 2 is the 21st anniversary of National Read Across America Day. It is also Dr. Seuss's 114th Birthday. Across the country, thousands of schools, libraries and community centers will celebrate reading. Here are some fun facts about Dr. Seuss to help you prepare for the fun day:

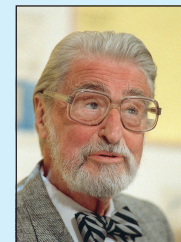
1. He often came up with story ideas by doodling.



2. His friend bet that he couldn't write a book with just 50 different words, and so, Green Eggs and Ham was born.

3. He kept a closet full of wacky hats. Whenever he was stumped in his writing, he'd put on a suitable hat to help the words flow.

4. It took him over a year to write Cat in the Hat – and it only uses 236 different words!



Theodor Seuss Geisel

5. His full name was Theodor Seuss Geisel, but his friends called him Ted.

6. He published 44 picture books.

Early

Deseret News



CONNECT

1 2 3

Your Family • Community • World

SLAVE • ABOLITIONIST • PUBLISHER

My name:

The famous Frederick Douglass

Abraham Lincoln called him a friend. He had many famous friends – presidents of the United States, teachers, artists, poets, writers and judges. His name was Frederick Douglass, and he was famous as well.

He never forgot

As an adult, Frederick Douglass was well known and admired. But he never forgot the pain and suffering of his childhood.

Douglass was born a slave. As a small child, he was taken away from his mother and rarely saw her. When he was a young man, he ran away to the northern states where he could live as a free man. But he couldn't forget the men, women and children who were still slaves in the South.

Standards link: History: Understand how democratic principles came to be, and how they have been exemplified by people and events.

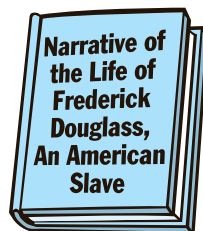
The power of the pen

When Frederick Douglass was a child, it was against the law to teach a slave to read and write. But when Frederick was eight years old, he became the slave of Sophia and Hugh Auld. Young Sophia, unaware of the law against educating slaves, taught Frederick the alphabet until her husband found out and made her stop. Sophia stopped teaching, but young Frederick didn't stop learning.

His ability to read and write made Frederick Douglass famous. But he didn't write in order to become famous.



When he went north to freedom, Frederick traveled from town to town speaking about slavery in the South.



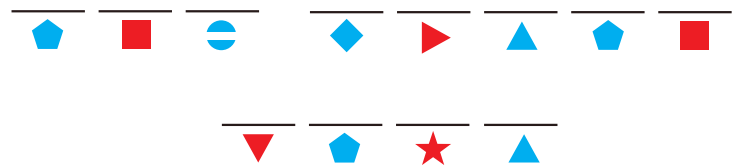
He wrote a book about his life as a slave. His words made people *feel* the pain of being owned.

He started a newspaper where black people could write about their news, ideas and opinions.

Cryptic message

Use the code to discover the name of Frederick Douglass' newspaper.

A = ★	N = ◆	S = ▼
E = ⊖	O = ▶	T = ⬠
H = ■	R = ▲	U = ◀



The end of slavery

In 1861, the Civil War between the North and the South began. This four-year war would end slavery in the United States. Douglass started the first black unit in the Union army.

In 1864, the Confederate Army was defeated and the Thirteenth Amendment to the United States Constitution was passed. From then on, slavery was against the law.

Friend of Lincoln

In 1864, Abraham Lincoln was reelected president. Frederick Douglass went to see the President at his inauguration. At first he was not allowed in because of his race. President Lincoln said Douglass was welcome and introduced him to all as his friend.



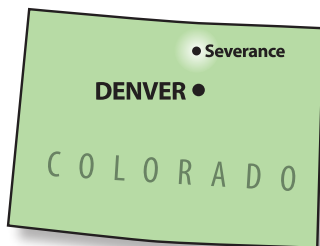
SNOWBALLS OUTLAWED?

How a 9-year-old boy changed a nearly 100-year-old snowball law in Colorado

Photo: Shutterstock

SEVERANCE, COLORADO – Imagine living in a town often covered in snow and yet you’re not allowed to throw a snowball.

Throwing snowballs was outlawed in the 1920s in the town of Severance, Colorado.



When 9-year-old Dane Best found out about this law, he decided to take action.

The 1920s law was made to stop people from throwing or shooting stones or missiles at people, places, animals, buildings, trees and any other public or private property or vehicles. Snowballs were included in the list of “missiles.”

Dane takes a stand

Dane learned about the law on a field trip to the town hall. The mayor told the class about this outdated law and that in order to change a law, it would have to be challenged at a meeting of the town council and voted on. He encouraged the students to take a stand.

Dane thought the law was “silly” and so took up the challenge.



◀ Dane Best speaks before the Town Board trustees to explain why the anti-snowball law should be changed.

Dane was interviewed by news networks and reporters across the country and beyond.

Photos courtesy Sara Knuth/sknuth@Greeleytribune.com

The big vote

Dane made his case at a meeting of the Town Board trustees.

- First he presented letters written by classmates expressing their opinions.
- He then addressed the trustees, and an audience of about 150 people, with a short Powerpoint presentation stating his case.
- A vote was taken and the snowball law was overturned.

Members of the town staff presented Dane with a frozen snowball which he ceremoniously threw outside the town hall. Dane said his first (legal) target would be his younger brother!

Dane makes headlines

The story ignited a blizzard of attention from the news media. Dane has now appeared on morning television, been interviewed on public radio and appeared in newspaper features from the local Greeley Tribune to The New York Times who quoted Dane as saying: “You can change laws. It doesn’t matter how old you are. You can have a voice in your town.”

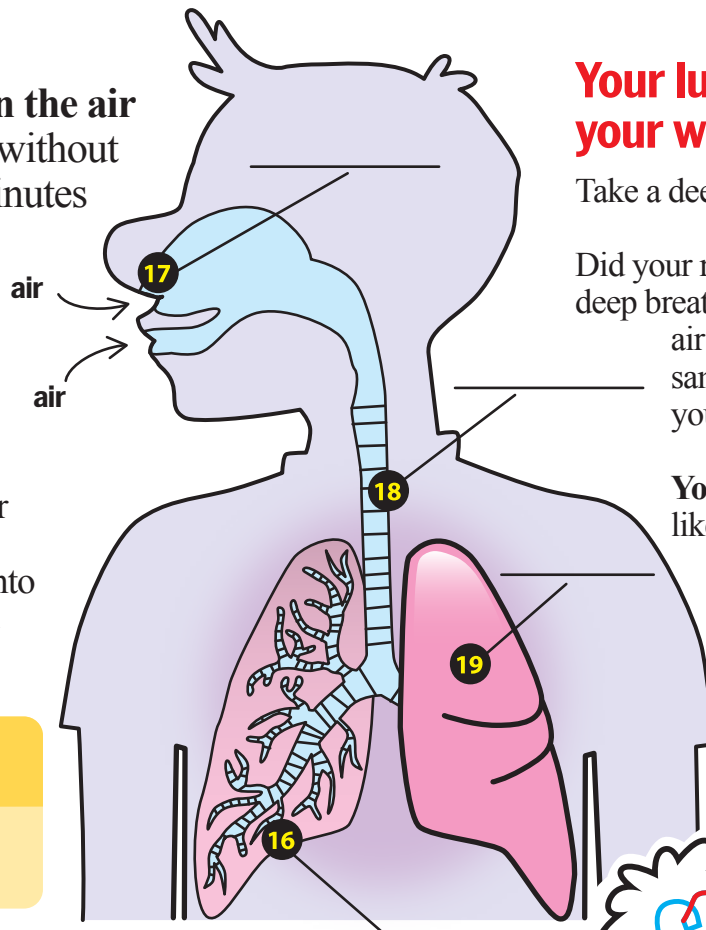
Perhaps Dane has a future as an elected official. His next cause — a town code defining the only pets allowed as cats and dogs. He has a guinea pig!

Breathe! Your life depends upon it!

Your body needs the oxygen in the air to live. You can live for days without food or water, but only a few minutes without air.

How does oxygen get from the air into your body? It enters through a special body system called your **respiratory system**.

The respiratory system includes your **mouth** and **nose**. That is the part of your body that you use to bring air into your body. Then the air goes down a tube called a **trachea** to your **lungs**.



Your lungs deliver oxygen to your whole body.

Take a deep breath and hold it.

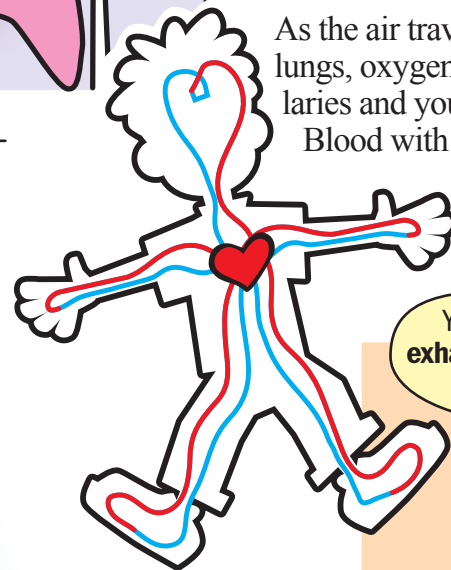
Did your rib cage get larger? When you take a deep breath, the air flows into your lungs. The air expands your lungs in much the same way as a balloon expands when you blow air into it.

You have two lungs. They each look like a squishy, pink sponge.

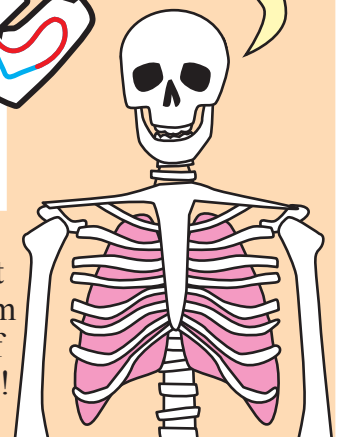
Inside your lungs are tiny tubes and sacs called **bronchioles** through which air travels when you **inhale** and **exhale**. These are lined with tiny blood vessels called **capillaries**.

As the air travels through your lungs, oxygen enters the capillaries and your blood stream.

Blood with oxygen flows to your heart where it is pumped to other body parts.



You **inhale** and **exhale** about **20,000** times a day!



Your lungs are so important that your body protects them with a special cage made of bones. This is your rib cage!

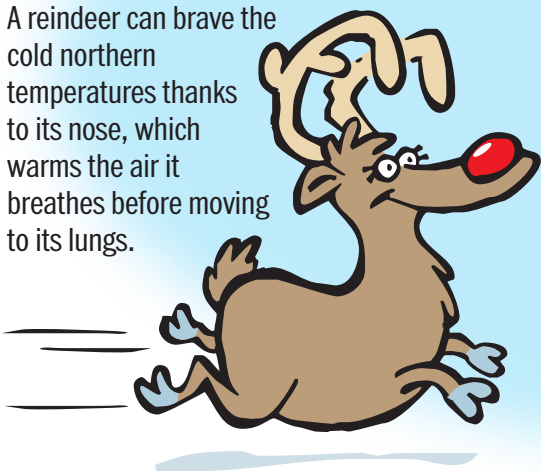
Do the math to label the parts of the respiratory system.

- 21 - 5 = bronchioles
- 12 + 5 = nostrils
- 26 - 8 = trachea
- 27 - 8 = lungs

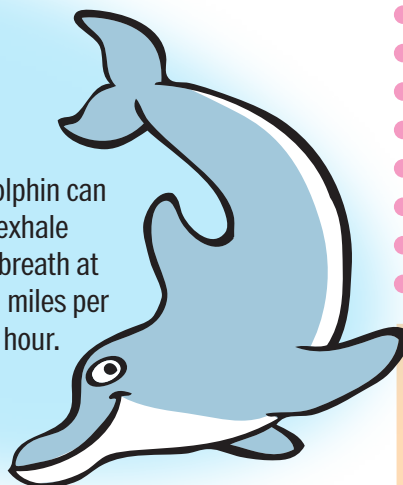
Standards link: Physical science: Students understand how the human body works.

Fun animal breathing facts

A reindeer can brave the cold northern temperatures thanks to its nose, which warms the air it breathes before moving to its lungs.



A dolphin can exhale its breath at 100 miles per hour.

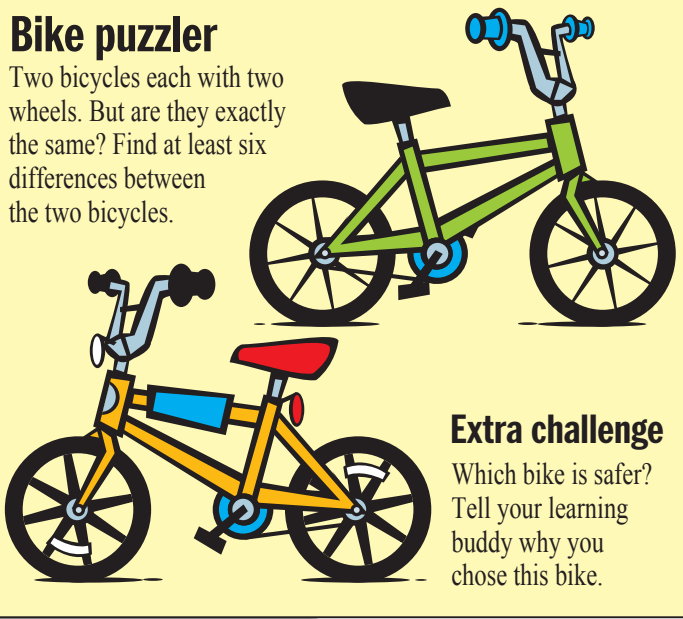


Activities

EARLY LEARNERS

Bike puzzler

Two bicycles each with two wheels. But are they exactly the same? Find at least six differences between the two bicycles.

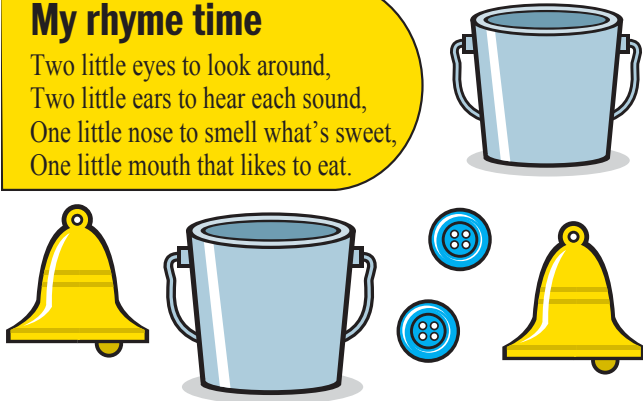


Extra challenge

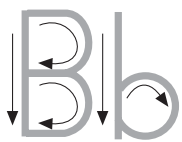
Which bike is safer? Tell your learning buddy why you chose this bike.

My rhyme time

Two little eyes to look around,
Two little ears to hear each sound,
One little nose to smell what's sweet,
One little mouth that likes to eat.



My letters

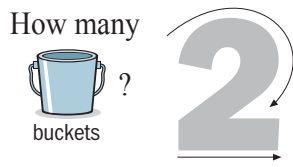


B is for **Bicycle**
b is for **bicycle**

How many words or pictures can you find on this page that start with the sound the letter **B** makes in the word bicycle?

Learning buddies: Read the two phrases aloud. Have your child read with you. Trace the uppercase and lowercase letter A. Say the letter as you trace it.

My numbers



How many ?



How many ?

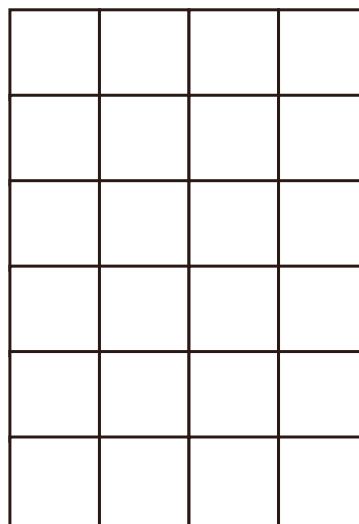


Learning buddies: Trace and say the number. Read the questions. Touch and count to find the answers.

Laughing is good for your lungs

The secret to breathing deeper is to exhale more fully. Laughter empties your lungs of more air than it takes in and the result is a cleansing effect. This is especially helpful for people who suffer from respiratory ailments, such as asthma.

Whoops! Katie dropped her note cards practicing for the school talent show. Can you match each joke to its punch line?



Use the grid to draw a picture of Frederick Douglass. Draw what you see in each of the smaller squares above.

ANSWERS

The name of Frederick Douglass' newspaper: The North Star

What did one wall say to the other wall? "I'll meet you at the corner."

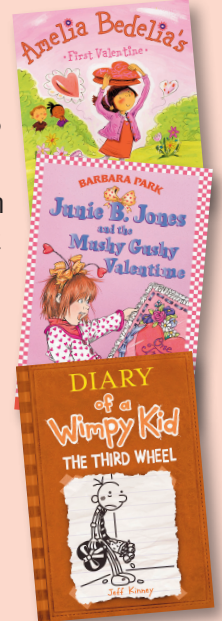
Why do bees have sticky hair? Because they use honey combs.

What did the dalmatian say after lunch? "That really hit the spot!"

Spread the love

Candy and heart shaped notes. What's not to love about Valentine's Day? This sweet celebration is all about spreading love. How do you celebrate Valentine's Day? Do you spend time with your loved ones? Do you make cards for your friends? Or write your secret crush a poem? Another good way to spend the day is to curl up with a blanket and a nice book. A couple books we have enjoyed are "Amelia Bedelia's First Valentine's Day, Junie B. Jones and the Mushy Gushy Valentine" and "Diary of a Wimpy Kid- The Third Wheel."

Did you know that the holiday got its name from a man named Valentine? It is believed that he is celebrated for his role as a Roman Priest who helped couples secretly get married. The reason they had to get married in secret was because Emperor Claudius II banned marriage because he thought unmarried men made better soldiers. Valentine decided to break the rules and perform marriage ceremonies anyway. Sadly, he was caught and killed. Later Pope Gelasius declared the day of his death as St. Valentine's Day.



Learning buddy sign here

I have completed _____ activities with my learning buddy.

Learning buddy's signature _____ Date _____

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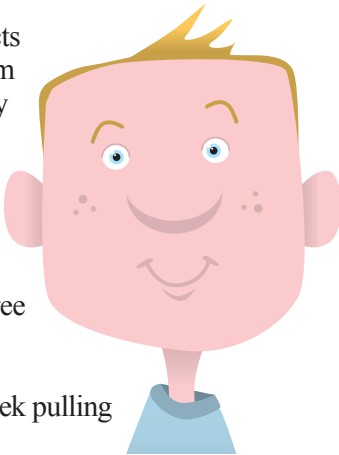
MONEY MATTERS

What to do?

Each of these kids need some advice from you. Read each story and write down your advice. Talk about your advice with a parent. Do they agree with you?

Sticky problem

 Evan collects stickers from the grocery store vending machine. Each one costs 50¢. He buys one each time his family shops, which is usually three times a week.




Evan earns \$3 a week pulling weeds in his neighbor's yard, so he spends half of his money each week on stickers and saves the rest in his piggy bank.

This week, the grocery store replaced the old sticker machine with a brand new one. The stickers are bigger, but they cost \$1 each. If he buys three, he'll spend all his money every week.

Q: What should Evan do to keep saving some money each week?

A: _____

Savings shortage

 David is trying to save money to buy a new LEGO set that costs \$29. He gets an allowance of \$5 every Friday afternoon from his mom.




David tries to save at least \$3 every week. He spends about \$2 when he visits the video arcade on Sunday afternoons. But sometimes he'll spend more than he planned to trying to top his best score.

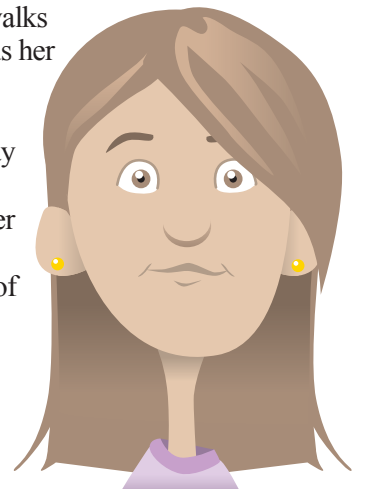
Last Sunday, he spent \$8.50, which ate into his LEGO savings. Now he only has about \$4 saved up for the LEGO set.

Q: What can David do to save the \$29 faster?

A: _____

Bike lane path

 Maria walks and feeds her Aunt Meridith's dog, Zinger, every day after school. Maria gets \$2 per day for taking such good care of Zinger.



Maria wants a new bike that costs \$75. If she saved all her money each week, she could buy the bike in about two months. But Maria downloads music from her favorite bands at \$1.30 per song a couple of times a week. She also buys a smoothie for \$3.95 on Saturdays with her friend Katie. Sometimes they go to a movie, which costs \$7 per ticket.

Q: What advice would you give Maria about how to reach her goal of buying that new bike?

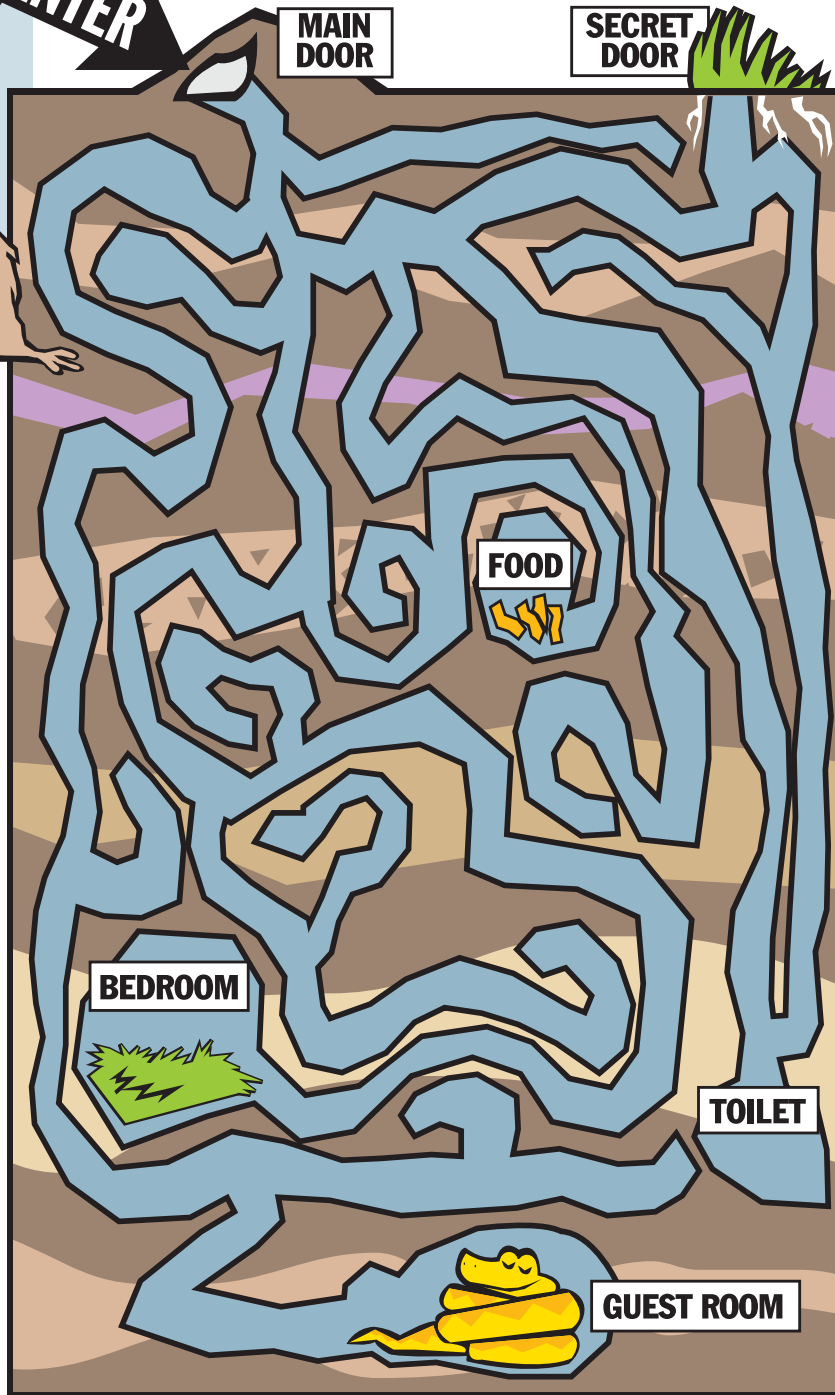
A: _____

Hibernation!

Use the special Hibernation Code below to learn some incredible facts about one deep winter sleeper – the woodchuck!



Help the Woodchuck Find His Bedroom



Do not disturb!

Each August the woodchuck goes on an eating binge. He starts to eat and eat and eat. A layer of fat that is at least 🌙/☆☆☆ of an inch thick forms on his body.











Before he gets sleepy, the woodchuck builds an underground home with tunnels and rooms, with a soft mattress of grass and leaves in the bedroom. As the weather gets colder in the fall, the fat woodchuck heads for the bedroom.

The woodchuck curls up into a ball and falls into such a deep sleep that he appears dead. This is called **hibernation**. His heart slows from ❤️🌿 beats per minute to only about 👁️👁️. His body temperature drops from: 🌨️🌿🌿 degrees Fahrenheit to about ☆☆☆👁️👁️. A hibernating woodchuck could be rolled around like a ball, and it would not wake up!

Skill: Understand the differences in the behavior of animals to adapt to their environment.

Skill: Eye-hand co-ordination, fine motor skills, following simple directions.

THE Hibernation Code

	=0		=1		=2		=3		=4
	=5		=6		=7		=8		=9



How many flying discs can you find on this page?

Can you find each of these pictures in the big picture?



PIE TIN TOSS

The students at Yale University loved William Frisbie's pies. They even loved his pie tins!

Tossing empty pie tins became a favorite way to pass time between classes. A firm flick of the wrist and the tin floated through the air.

But the metal pie tins hurt when they hit someone. As a safety measure, students started yelling, "Frisbie!" to alert others that they were tossing a tin to a pal.

MAYBE WE SHOULD THROW THE TIN WITHOUT THE PIE NEXT TIME!

In 1948, Walter Frederick Morrison and Warren Franscioni created a plastic disc that could fly with better accuracy than a tin pie plate.

When Morrison sold the rights to Wham-O in 1957, the company named the disc the Frisbee® (pronounced FRIZ'-bee).

Today, the fifty-year-old Frisbee® is owned by Mattel Toy Manufacturers, only one of at least sixty manufacturers of flying discs.

a. **b.**

c. **d.**

e. **f.**

g. **h.**

i. **j.**

k.

Find the two identical Frisbees®.



Puzzler

Flying disc pattern activity

Circle the disc that will continue the pattern in each row.



Standards link: Patterning: Understand and extend patterns.



Scientists have found a special chemical in the blood of hibernating animals. They call it **HIT** or Hibernation Inducement Trigger. Although they do not know what this chemical is, they do know that it appears when one of three things happens:

- the days become shorter and there is less light
- there is a big drop in temperature
- food is scarce

You're the scientist! Write a conclusion.

One summer day, blood with HIT taken from a hibernating woodchuck was injected into a lively one.

Result: HIBERNATION

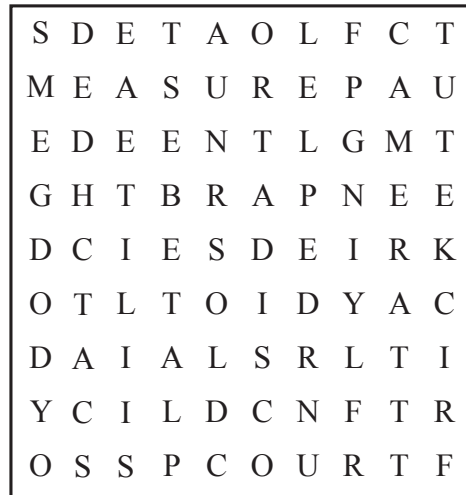
Conclusion: _____

Skill: Draw conclusions about the relationship between results and predictions.

Word search

Find the words by looking up, down, backwards, forwards, sideways and diagonally.

- | | | |
|--------|---------|---------|
| ALERT | DODGE | MEASURE |
| CAMERA | FLOATED | PLASTIC |
| CATCH | FLYING | PLATE |
| COURT | FRICKET | SOLD |
| DISC | FRISBEE | YALE |



Standards link: Letter sequencing; recognized identical words; skim and scan reading; recall spelling patterns.

ANSWERS

Hibernation: 80, 5, 100, 45

Matching Frisbee: a & f

CHECK IT OUT



Time to crack open a good book! Check out these award worthy picks from the staff of the Salt Lake City Public Library.



"The Roots of Rap," by Carole Weathersford. Explore the roots of rap in this stunning, rhyming, triple-timing picture book!

"What is Given from the Heart," by Patricia C. McKissack. A poignant and uplifting celebration of the joy of giving.

"The Youngest Marcher: The story of Audrey Faye Hendricks, a young civil rights activist," by Cynthia Levinson. This moving picture book that proves you're never too little to make a difference.

"Nina: Jazz Legend and Civil Rights Activist Nina Simone," by Alice Briere-Haquet. Shared as a lullaby to her daughter, a soulful song recounts Simone's career and the trials she faced.

"Have You Thanked an Inventor Today?," by Patrice McLaurin. a journey into the often forgotten contributions of African-American inventors.

Learning buddy sign here

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Learning buddy's signature _____ Date _____

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