

Early

Deseret News

# CONNECT 123



Your Family • Community • World

My name: \_\_\_\_\_



How many hearts can you count on this page in two minutes? Have a friend try. Who counted the most hearts?

## FROM THE DESK OF **WOODWORD**

**Dear readers,**

Welcome to February's **Connect123!**

When February comes around, people's thoughts turn to love, **Valentine's Day** cards and chocolate. Take time in February to list what is special about you and to pat yourself on the back for your special achievements. Be your own Valentine!

February is **Dental Health Month** reminding us to love ourselves and take good care of our teeth.

In this issue, you'll find tips and games that make it fun and easy to keep your smile bright and healthy.

February is **Black History Month** and Connect123 gets the scoop on African American scientists and inventors that have changed lives.

Last, but not least, we celebrate the birthdays of two presidents this month: **Washington** and **Lincoln**.

We hope you enjoy this month's issue! It is our special Valentine gift for you!

See you next month!

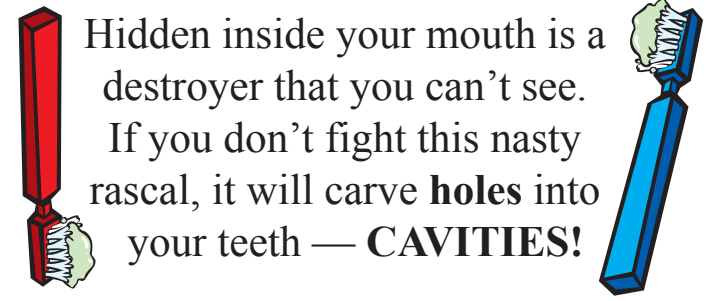
*Woodword*

**HEALTH**

**THE HIDDEN DESTROYERS**



Hidden inside your mouth is a destroyer that you can't see. If you don't fight this nasty rascal, it will carve **holes** into your teeth — **CAVITIES!**



**POWER BRUSHING CHART** MONTH: \_\_\_\_\_

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★
★ ★	★ ★	★ ★	★ ★	★ ★	★ ★	★ ★

Use the Power Brushing Chart to power away plaque with regular brushing.


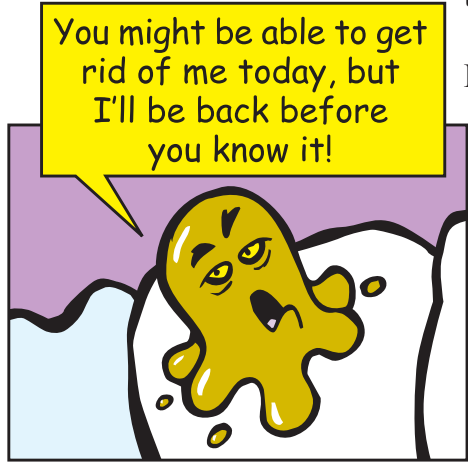
1. Find a brushing buddy at home.
2. Ask your buddy to color a star in the correct box each time you brush your teeth. Can you earn at least two stars daily?

Standards Link: Health: Practice good personal hygiene including care for teeth.


**The Slimy Sneak**



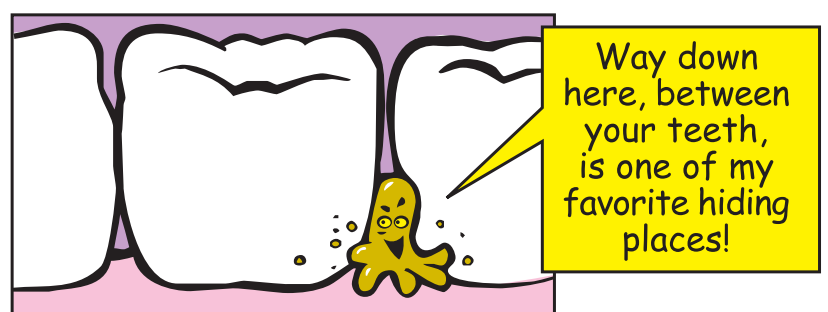
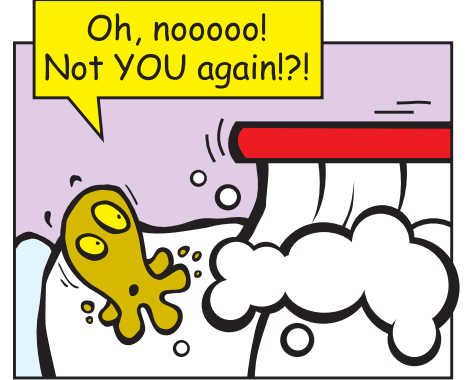
This terrible troublemaker is called **plaque** (say it like **plak**, rhymes with **tack**). It is all over your teeth.

Plaque is a clear, sticky layer of germs on your teeth. You must remove plaque every day, or else it will cause gum disease and tooth decay.



How do you get rid of this destroyer? By brushing your teeth, of course! Plaque **HATES** it when you brush your teeth after meals.



Standards Link: Health: Students understand ways in which they can maintain their own health.

# SPOTLIGHT

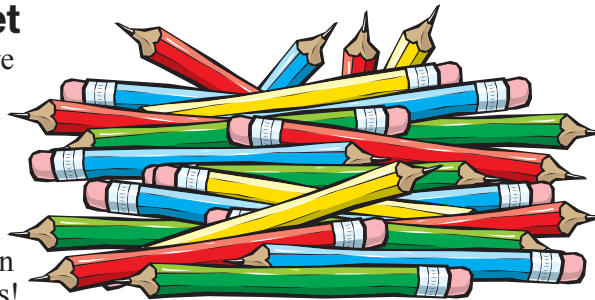
## HOW DOES LEAD GET IN A PENCIL?

*Kid Scoop News takes a trip to the pencil factory to find out!*



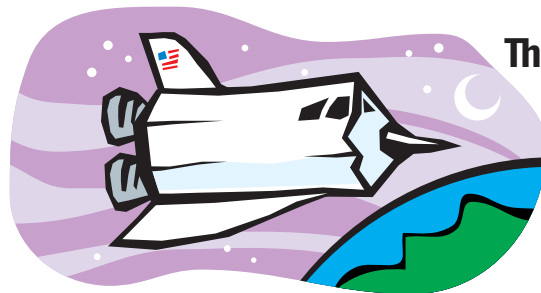
### Pencil planet

Worldwide, more than 10 billion pencils are made each year. More than two billion of these are made in the United States!



### The write stuff

Astronauts write with pencils in space. Pens need gravity and air pressure to work.

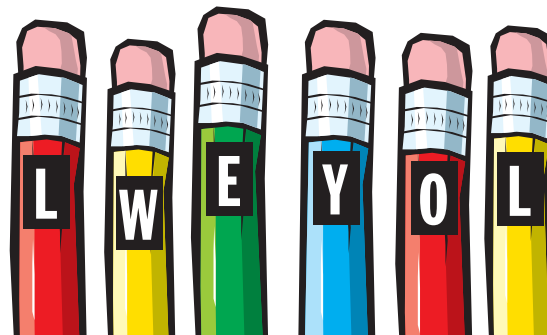


**Standards link:** Reading Comprehension; students read and understand grade-level appropriate expository material to find out information.

### Pencil paint

What color are most pencils painted?

Unscramble the letters on these pencils to find out.

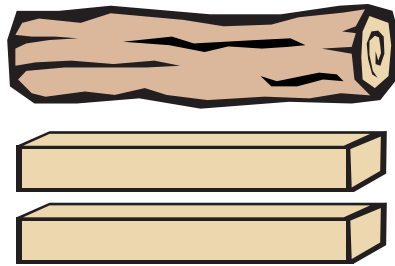


**Standards link:** Spelling; recognize familiar spelling patterns; sequence letters.

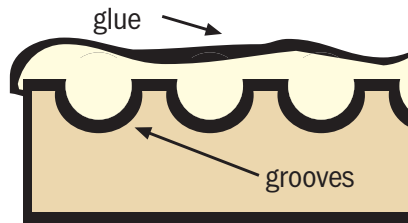
**1** The “lead” in pencils is not made of lead. It is a mixture of graphite and clay that is formed into long spaghetti-like strings and dried.



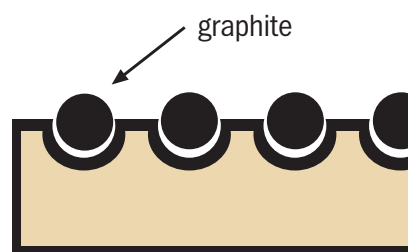
**2** Cedar logs are sawed into narrow slices called “slats.”



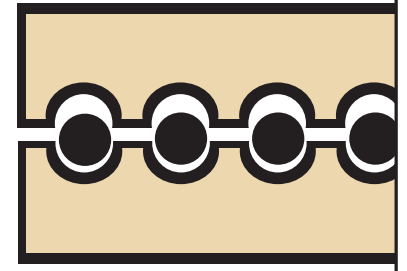
**3** Skinny grooves are cut into the slats and brushed with glue.



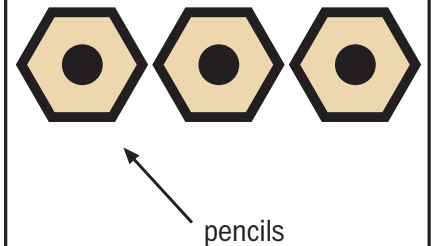
**4** A graphite “string” is laid into each groove.



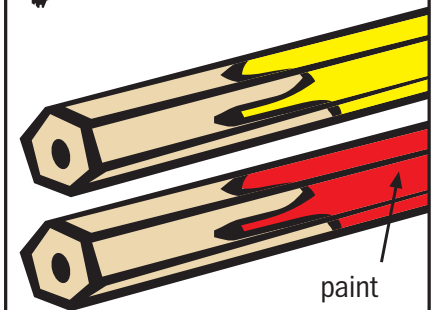
**5** An empty grooved slat is glued on top to make a pencil sandwich.



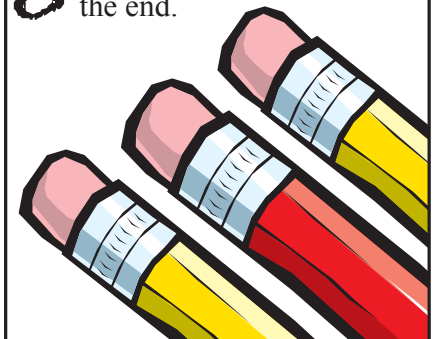
**6** The “sandwiches” go into a shaper that cuts the slats into pencils.



**7** The pencils are painted.



**8** The eraser is added at the end.





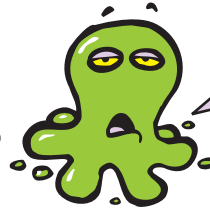


## More on the Way

How many teeth will you have when you are an adult?  
Use the secret code to find the answer.

5 15 14 7 5 1 5 2 9

**PLAQUE FIGHTERS**



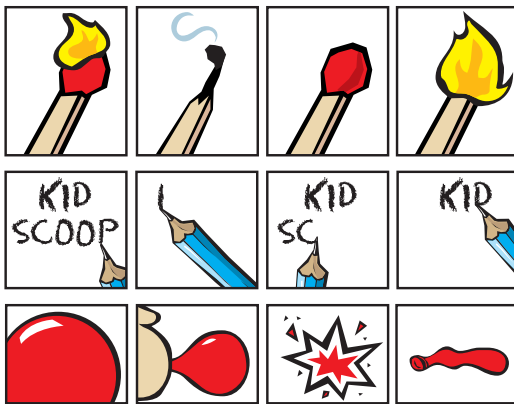
Why don't you just skip this and go read the comics or something, kid?

Use the code to discover what plaque DOESN'T want you to know!

21 7 4 6 15 22 10 19 17 12 9 6 6  
1 9 4 7 5 18 18 5 15 22 17 5 18 7  
18 3 18 7 1 11 18 22 12 17 9 7 22  
15 18 22 12 5 15 1 6 11 14 12 18

## By the numbers

Use your pencil to number each row of pictures in the correct order from 1 to 4.



Standards link: Reading comprehension; sequencing events.

## Double double word search

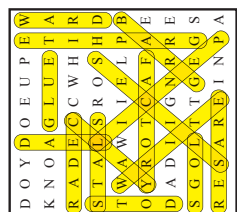
Find the words by looking up, down, backwards, forwards, sideways and diagonally. Then find them again on the pages of Connect123.

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

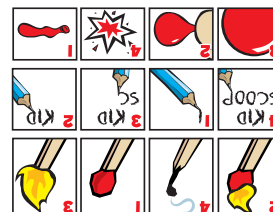
CEDAR  
CLAY  
DOTS  
DRAW  
ERASER  
FACTORY  
GLUE  
GRAB  
GRAPHITE  
LEAD  
LOGS  
PENCIL  
SLATS  
SLICES  
WRITE

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

## Answers



Plaque fighters: BRUSH AND FLOSS YOUR TEETH AFTER EVERY MEAL FOR A HEALTHY SMILE  
More on the way: THIRTY-TWO  
How many toothbrushes can you find on this page? 20  
Pencil paint: YELLOW



## Love to read

You may think kids either love to read or they don't. What you may not know is it's not really that simple. If you don't necessarily love to sit down with a good book and get wrapped up in the adventure written within its pages, we have five ideas for you to try out.

- 1. Choose a book on a topic you would enjoy.** If you enjoy stories set in outer space, try talking to your friends or librarian to ask for recommendations.
- 2. Get in a routine for reading.** Set a goal to read at the same time every day. Maybe you would like to read before you go to bed when there's very little distraction. You'll soon find how easy it is to create a healthy reading habit.
- 3. Try reading aloud.** Reading the words out loud not only helps build fluency but it helps to stop you from scanning over words and sentences and you'll be less likely to miss important story details.
- 4. Talk about what you are reading.** Whether you know someone who is reading the same book or not, it's always fun to talk about a good story and what decisions you would have made if the character in the story was you.
- 5. Keep reading.** Just because you find one book that you enjoy doesn't mean you will not find another. Continue to explore the library and you'll be a super reader in no time!

## 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](mailto:nie@deseretnews.com)

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# Happy 208th Birthday, President Lincoln!

February 12 marks the 208th birthday of Abraham Lincoln.

Lincoln was president during the Civil War and made the Emancipation Proclamation to free people from slavery.

Lincoln is remembered for his adult achievements. But what was he like as a kid?

*Kid Scoop News* takes a look at the kid who grew up to be a great man in American history.



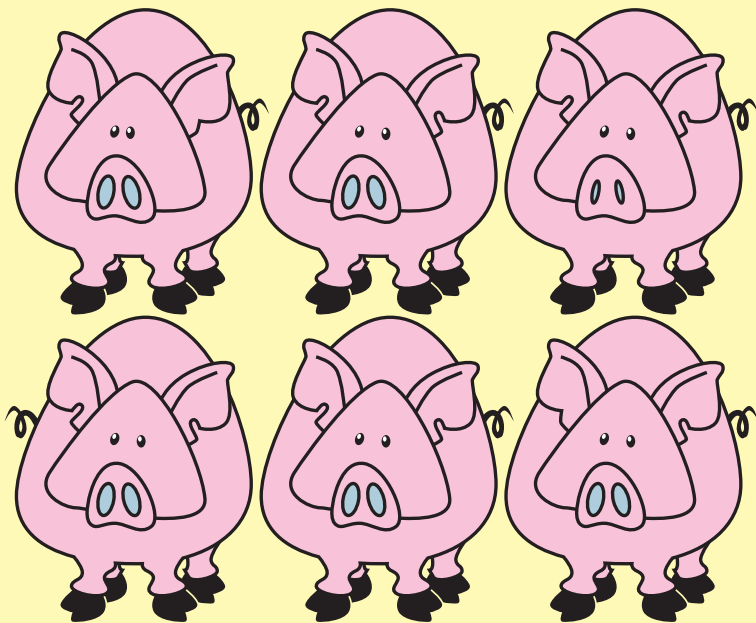
## Honesty

As a young man, Abe worked at a country store. One time, he discovered that he'd overcharged a customer. He closed the store and walked a long distance to return the extra money. This is one of many stories about Abe's honesty, a quality for which he is often remembered.

## Caring

One day, a neighbor gave Abe a baby pig. The little pig and Abe loved each other. Everywhere that Abe went, the pig was sure to go. By late summer, Abe could ride on the pig's back.

Fall arrived and with it, a sad announcement from his father. The pig was needed to feed the family over the winter. Abe was so upset, he ran away and hid in the woods for two days. But even that didn't save his poor pig from the dinner table.



Find the two identical pigs.

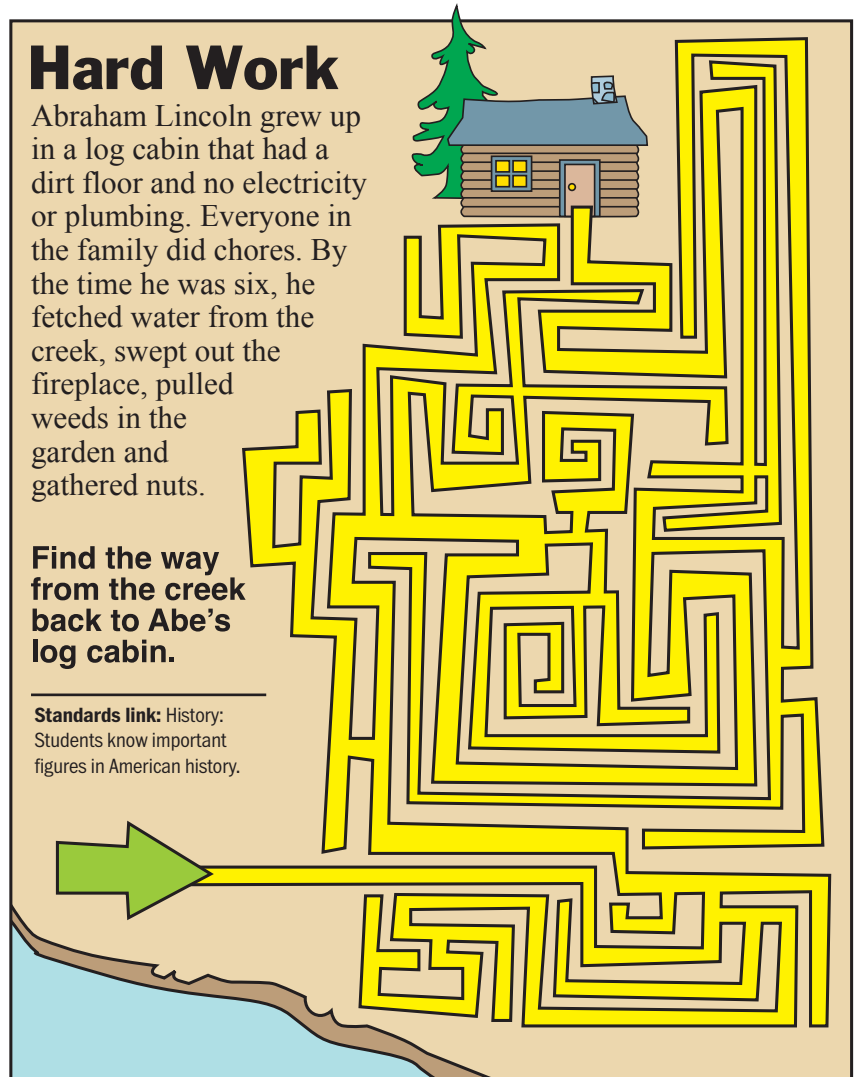
**Standards link:** Investigation: Find similarities and differences in common objects.

## Hard Work

Abraham Lincoln grew up in a log cabin that had a dirt floor and no electricity or plumbing. Everyone in the family did chores. By the time he was six, he fetched water from the creek, swept out the fireplace, pulled weeds in the garden and gathered nuts.

Find the way from the creek back to Abe's log cabin.

**Standards link:** History: Students know important figures in American history.



Many states have a joint holiday to honor both Abraham Lincoln and George Washington. The holiday is called Presidents Day and this year it is celebrated on Monday, February 20th – the third Monday in February.

## Happy Birthday George Washington



### True story?

Have you heard this story about George Washington?

When George was young, he cut down his father's cherry tree.

His father was angry. He asked George who cut down the tree.

"I cannot tell a lie," said George. "I cut it with my hatchet." Then his father gave George a hug instead of punishing him because he had told the truth.

This story comes from a book that was written after George Washington died. Is it a true story? Probably not. But it is told over and over again to remind people that George Washington was a good man.

### The man who would NOT be king

As first president of the United States, George Washington helped to make the laws and policies that formed our country. Some people wanted him to be the king of the United States. He refused because he believed it was better to have a president who was elected by the people.



### Look closely!

How many differences can you find between these two pictures? There are at least 10.

**Standards link:** Investigation: Find similarities and differences in common objects.



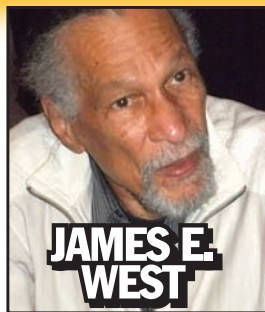
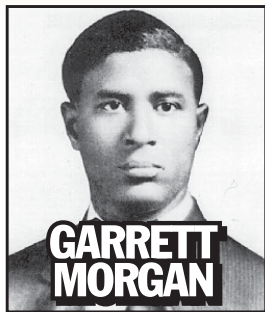
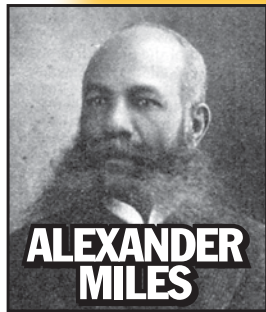


**BLACK HISTORY**

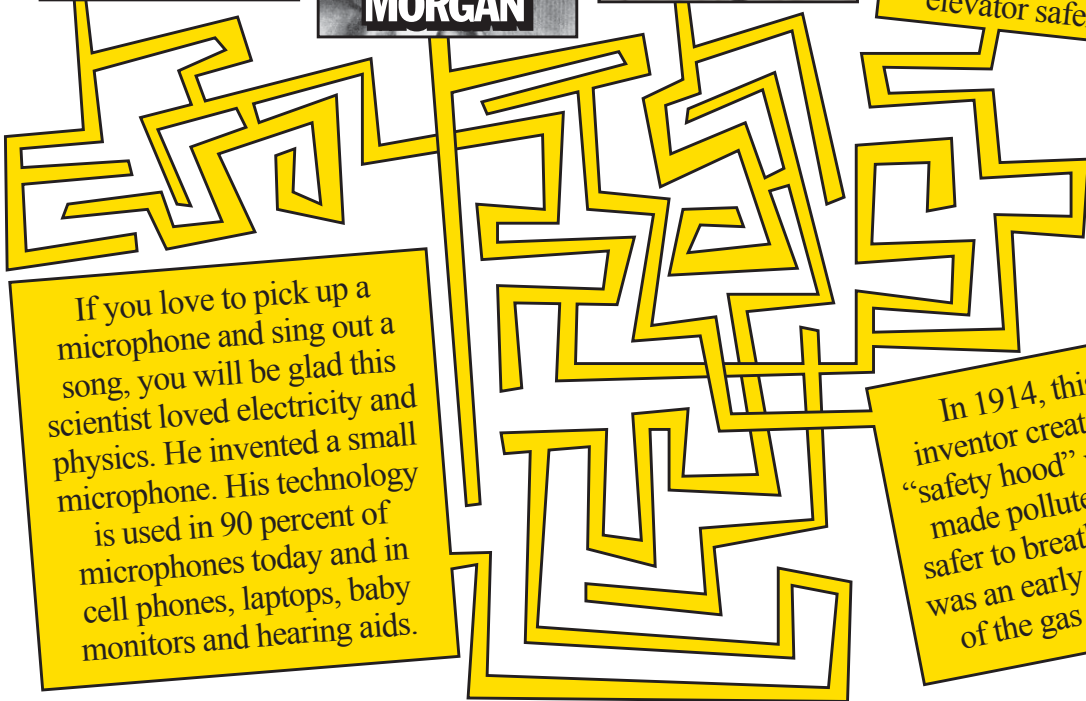
# Black inventors and science pioneers touching lives every day

Have you ever ridden in an elevator, worn shoes, played with a Super Soaker or used a microphone? Then your life has been touched by an African-American scientist.

Follow the maze to match each inventor with their invention.



Early elevators had doors that had to be opened and closed by hand. Elevator doors that open and close automatically made riding an elevator safer.

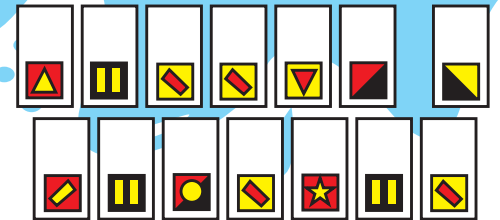


If you love to pick up a microphone and sing out a song, you will be glad this scientist loved electricity and physics. He invented a small microphone. His technology is used in 90 percent of microphones today and in cell phones, laptops, baby monitors and hearing aids.

In 1914, this inventor created a "safety hood" which made polluted air safer to breathe. This was an early version of the gas mask.

## Soggy Science Fun

This NASA engineer is best known for inventing the Super Soaker water blaster. The success of his invention has funded his own research and he now has more than 100 inventions to his name. Use the code to discover this inventor's name.



**INVENTOR CODE**

	= E		= I		= O
	= G		= J		= S
	= H		= L		= T

## Mae Jemison

Mae Jemison has always had big \_\_\_\_\_. Her big dreams took her into space! She is the first African-American female \_\_\_\_\_. In 1992, she flew aboard the space shuttle *Endeavor*.

Mae loved \_\_\_\_\_ and dancing as a child. In college she

Replace the missing words.

**ASTRONAUT**  
**STUDY** **HOME**



# Abe's Names

Abraham Lincoln had many nicknames in his lifetime. Do the math problems next to each nickname. The names next to even numbers are the names people called him. Cross out the names next to odd numbers. These are NOT any of Abe's nicknames.

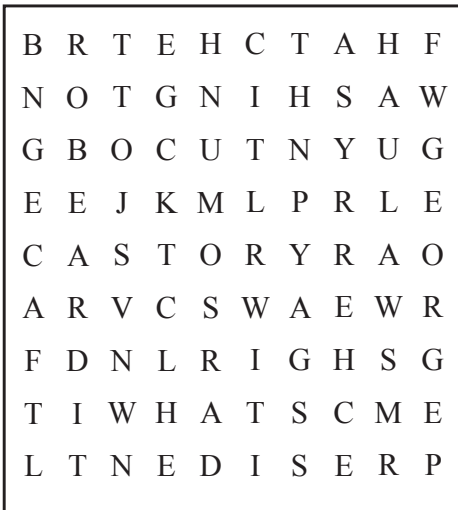
17 + 17	Honest Abe	14 + 19	Great Whiskers
15 + 12	Stovepipe Top	13 - 5	The Rail Splitter
27 + 9	Lone Star of Illinois	19 - 4	Tall Link
28 - 15	Law and Order Abe	18 - 4	Long Abe
32 - 8	Father Abraham	16 - 5	Stretch Lincoln
21 + 7	Great Emancipator	24 + 7	Super 16

**Standards link:** Number sense: Solve problems using addition and subtraction.

## Double double word search

Find the words by looking up, down, backwards, forwards, sideways and diagonally. Then find them again on the pages of Connect123.

- BEARD
- CHERRY
- CUT
- FACE BOOK
- GEORGE
- GIRL
- HATCHET
- HATS
- LAWS
- LINCOLN
- PRESIDENT
- STORY
- WASHINGTON



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

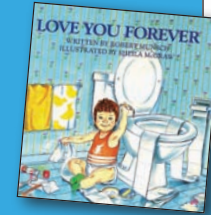
## Puzzler

A picture of Abraham Lincoln is on the penny. A picture of George Washington is on the quarter. Color the pennies brown. How many are there? Color the quarters gray. How many are there? How much money in all?



**Standards link:** Math/Number Sense: Calculate sums using money.

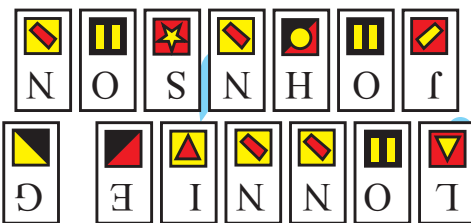
## DID YOU KNOW?



The month of February tends to bring the word "love" into our vocabulary. Not just because it's National Heart Month but it's also Valentine's Day. One book that has touched the hearts of millions worldwide since 1986 is "Love You Forever," written by Robert Munsch. Robert struggled quite a bit in school but there was one thing he enjoyed, poetry. He would write funny and silly poems and he also loved to tell stories.

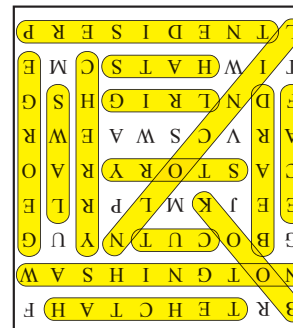
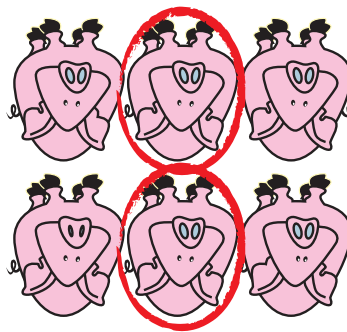
The book "Love You Forever" started out as a song he turned into a story. Robert loves to travel the country and stay with families to tell his stories and to hear theirs. His love of hearing and telling stories has helped him publish 54 books. Try and make up your own story. You might find it's not as hard as it sounds.

## Answers



**Black inventors:** ALEXANDER MILES: B. GARRETT MORAN: C. JAMES E. WEST: A.

**Puzzler**  
4 pennies  
4 quarters  
\$1.04 total



## 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](mailto:nie@deseretnews.com)

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# CONNECT 1 2 3

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## ANIMALS

# KILLER WHALES

The scientific name for killer whales is *Orcinus orca*. They are often called **orcas**.

Killer whales are powerful predators that eat fish, seals, sharks and even other whales. However, they are not interested in eating people. There has been only one attack on a person in the wild. Scientists believe the whale mistook a surfer for a seal. Interestingly, the whale realized the mistake and spat the person out.

Nope, no whale down there.

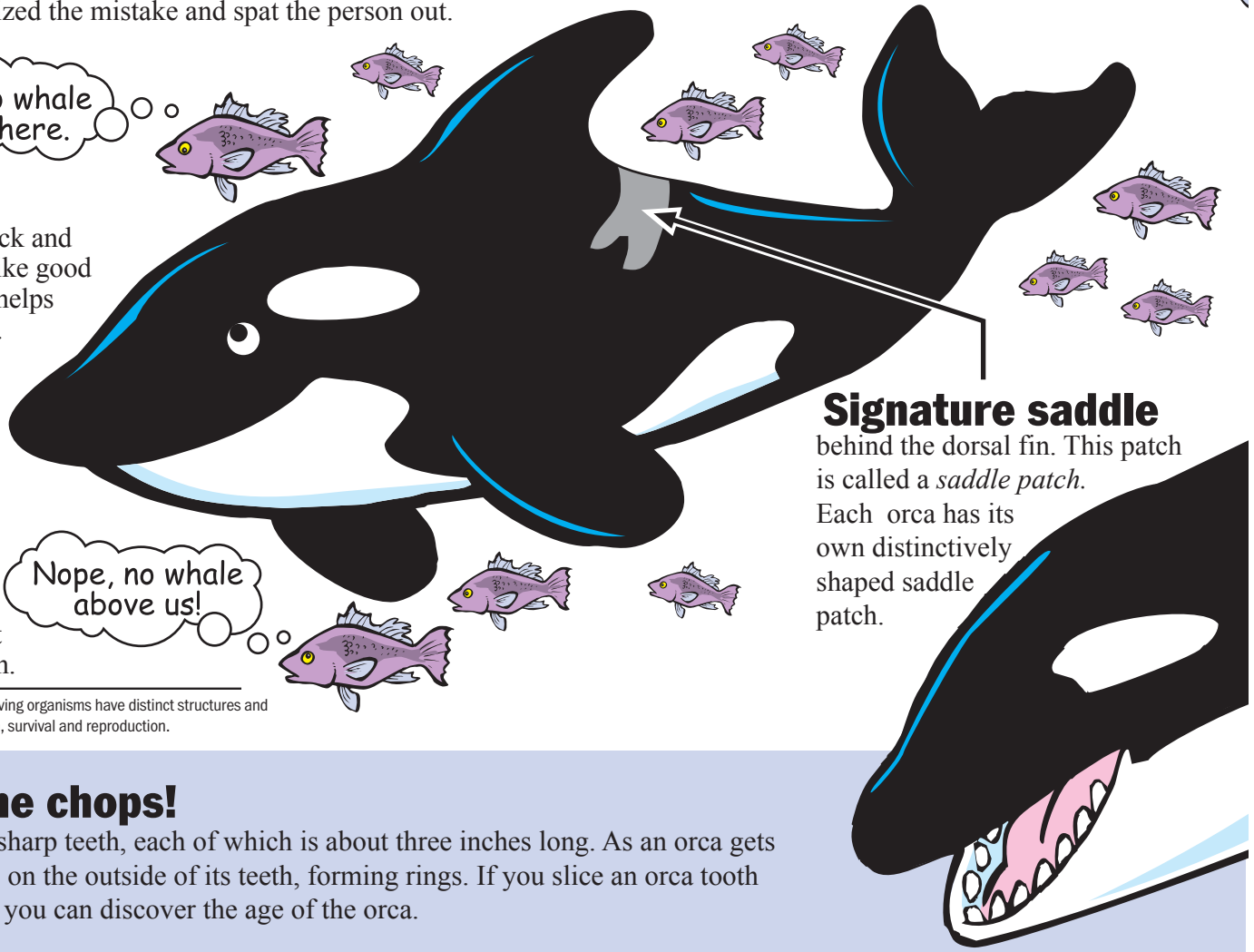
### Camo colors

From the land, the orca's black and white pattern may not look like good camouflage. But it is, and it helps the orca sneak up on its prey.

When an orca is swimming in the deep, fish swimming above it look down and see only inky darkness.

Fish swimming below an orca look up to the white of the orca's underbody, which blends with the bright light of the sun shining down.

Nope, no whale above us!



**Signature saddle** behind the dorsal fin. This patch is called a *saddle patch*. Each orca has its own distinctively shaped saddle patch.

**Standards link:** Life Science: Students know that living organisms have distinct structures and body systems that serve specific functions in growth, survival and reproduction.

### Check out the chops!

Orcas have 40 to 52 sharp teeth, each of which is about three inches long. As an orca gets older, it grows layers on the outside of its teeth, forming rings. If you slice an orca tooth and count the layers, you can discover the age of the orca.

# MONEY MATTERS

## Fritter's saving success

Fritter has been saving towards a summer visit to **Six Wags Amusement Park**. He needs a total of \$100 and by sticking with his savings plan, he's well on his way!

So far, Fritter has saved up:

**\$74.35**

Another way to write that amount is using words, like this:

**Seventy-four dollars and thirty-five cents**

### A note to parents

Talk to your child about the difference between **WANTS** and **NEEDS**. Discuss how giving in to **WANTS** can derail a savings plan!

One great way to save a large amount of money is by saving just small amounts over a long period of time.

If you get an allowance, don't spend it all at once. Save at least part of it each time you get paid. It really adds up!

Before buying something, make sure you know if it's something you *want* or something you *need*. It matters!



Can you do this?  
Turn each number into words  
and the words into numbers.

**Seventy-five thousand, eight hundred and forty-two dollars**

**\$8,451.00**

**\$753.00**

**Eleven thousand, four hundred and ninety-three dollars**

- CASH
  - COINS
  - DOLLAR
  - BILLS
  - BUCKS
  - INCOME
  - WAGE
  - CURRENCY
  - MOOLA
  - BREAD
  - DOUGH
  - CLAMS
  - BENJAMINS
  - SMACKERS
  - CHECKS
  - LETTUCE
  - FUNDS
  - STASH
- GELT
  - CHANGE
  - SCRATCH
  - GREENBACKS
  - LOOT
  - REVENUE

I found LOTS of other names for money in a dictionary and thesaurus. Can you find them in this puzzle?

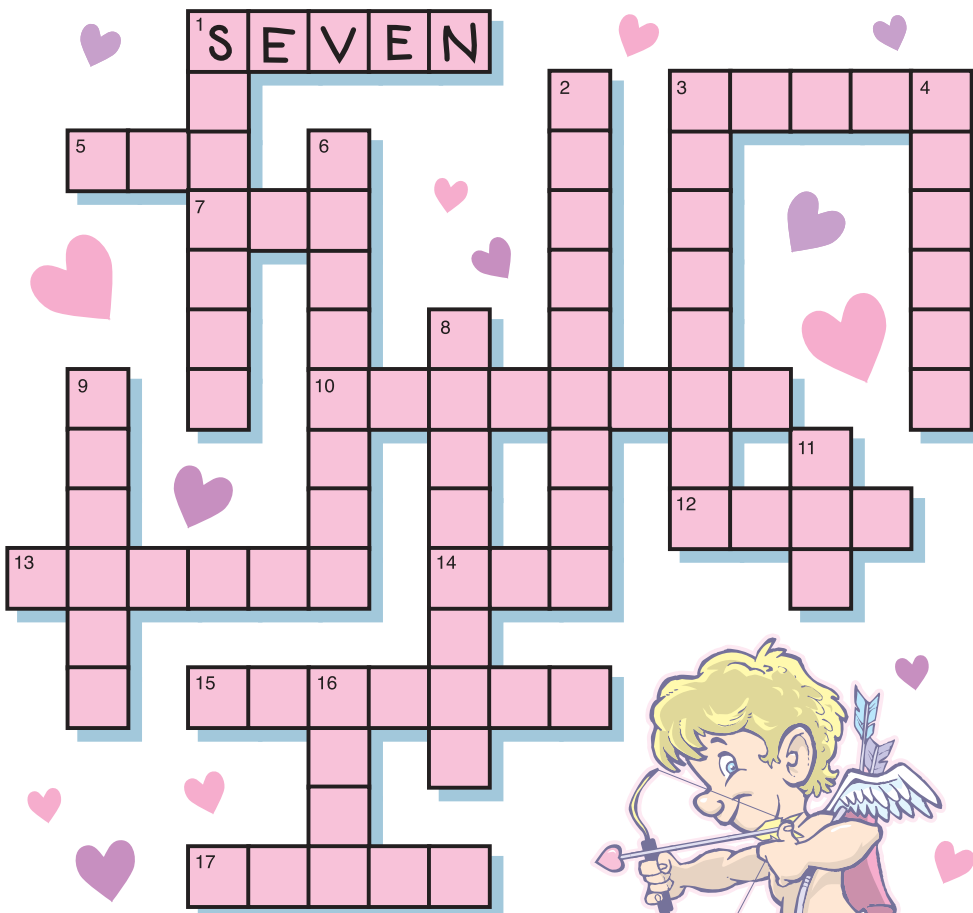


M	C	G	H	T	G	P	O	P	I	L	C	E
O	K	L	Y	C	N	E	R	R	U	C	H	Y
R	L	D	A	E	R	B	X	D	P	S	E	T
E	M	I	L	M	B	H	U	C	A	A	C	M
V	W	N	R	O	S	C	V	C	I	T	K	O
E	S	E	V	O	T	M	T	W	K	A	S	N
N	N	R	J	L	W	K	A	Y	J	S	H	B
U	I	O	W	A	E	Y	I	C	W	R	M	T
E	M	T	G	Q	J	T	O	I	K	T	L	V
T	A	E	X	A	O	L	T	Y	X	E	Q	W
N	J	M	Q	O	C	D	O	U	G	H	R	J
L	N	O	L	E	G	N	A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

**PUZZLES**

# Math Lovers' Crossword Puzzle

Here's a crossword puzzle that also tests your math skills. All the answers are numbers written in word form. The first one is done for you.



**Across**

- 1 Fifteen minus eight.
- 3 Two plus six.
- 5 Ten minus four.
- 7 Seven minus five.
- 10 Seventeen minus four.
- 12 Fifteen minus six.
- 13 Six plus five.
- 14 Twenty-three minus thirteen.
- 15 Eight plus seven.
- 17 Eleven minus eight.

**Down**

- 1 Twenty-two minus six.
- 2 Thirty minus thirteen.
- 3 Twenty minus two.
- 4 Eleven plus nine.
- 6 Twenty-one minus seven.
- 8 Twenty-five minus six.
- 9 Nineteen minus seven.
- 11 Ten minus nine.
- 16 Two plus two.

## Candy Confusion

Which of these sets of Valentine's Day chocolates are ready to be shipped from the candy factory?  
The correct boxes should have:

FIVE of these:



THREE of these:



THREE of these:



THREE of these:



TWO of these:



**A** **B**



**C** **D**



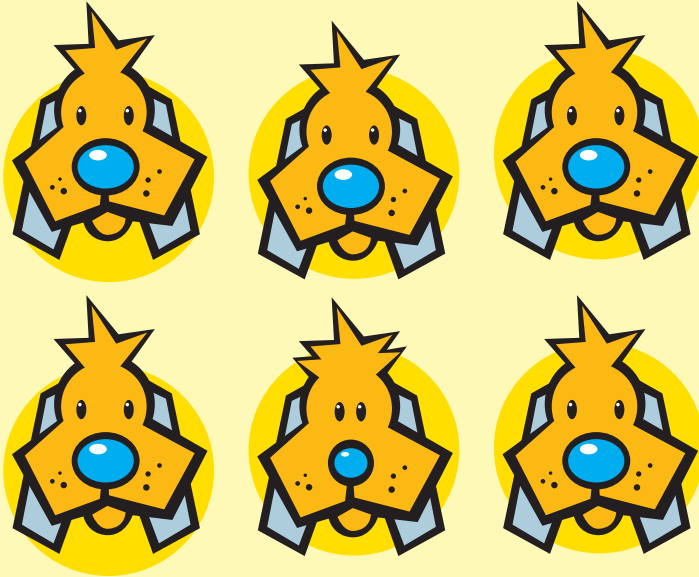
**E** **F**





### Which dog is different?

Draw a circle around the dog that is different.



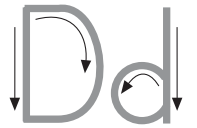
### My rhyme time

D is for Donald,  
Who danced on his drum.

### My letters

D is for Drum

d is for drum



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

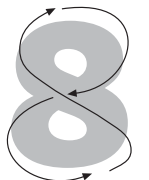
How many words or pictures can you find on this page that have the sound that the letter **D** makes in the word **drum**?

### My numbers

How many ?

How many ?

How many ?



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

Each underwater creature is worth points. Which bubble has the highest score?

= +15  
 = +11  
 = +9  
 = -20

Four bubbles containing different combinations of these creatures. Each bubble has a blank space for the score.

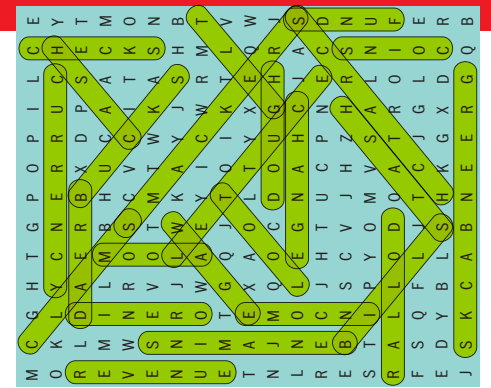
**Standards link:** Number Sense: Calculate sums and differences.

### Answers

**Candy Confusion:** Boxes A, D and F

**Math Lovers' Crossword Puzzle**

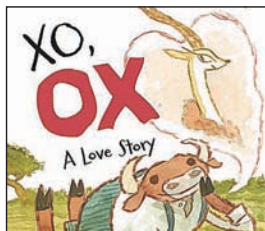
- Across
- 1 Seven
  - 3 Eight
  - 5 Six
  - 7 Two
  - 10 Thirteen
  - 12 Nine
  - 13 Eleven
  - 14 Ten
  - 15 Fifteen
  - 17 Three
- Down
- 1 Sixteen
  - 2 Seventeen
  - 3 Eighteen
  - 4 Twenty
  - 6 Fourteen
  - 8 Nineteen
  - 9 Twelve
  - 11 One
  - 16 Four



### CHECK IT OUT



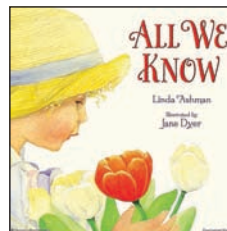
This month the librarians at Salt Lake City Public Library are recommending books about love.



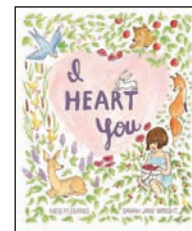
**"Xo, Ox,"** by Adam Rex. Illustrated by Scott Campbell. an epic, if initially unrequited, love affair between a graceful gazelle and a clumsy, hapless ox. Romance will never be the same.



**"Love,"** by Emma Dodd. Little rabbit and her parent spend a glorious day in the meadow. Little rabbit finds love everywhere, but knows that a parent's love is always the best love of all.



**"All We Know,"** by Linda Ashman. Illustrated by Jane Dyer. A tender story of a mother's unconditional love for her child.



**"I Heart You,"** by Meg Fleming. Illustrated by Sarah Jane Wright. Meg Fleming captures the exuberance, the affection, and the tender push-and-pull of life with a child.



**"Heart to Heart,"** written and illustrated by Lois Ehlert. Readers of all ages will go bananas for this pun-filled and sweet story filled with rebuses and love.

### 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](mailto:nie@deseretnews.com)

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