



Deseret News

CONNECT 123

Your Family • Community • World

My name:



* FROM THE DESK OF **WOODWORD**

Dear readers,

Sure and begorrah, 'tis a grand day to be alive!

That is a happy way to greet people in Ireland and in this month's issue when we celebrate you can try it out on your friends!

This month's Connect123 has lots of fun in store and that's not blarney! Speaking of blarney, you can read about the Blarney Stone in Ireland without leaving your room.

The Blarney Stone is just one of many fascinating topics in this issue! We also have the story of how a California company is turning food scraps into energy.

Speaking of food, did you know that much of our food depends on the work of bees? They pollinate our crops.

Here are some jokes a little leprechaun shared with me:

Q. Why do people wear shamrocks on St. Patrick's Day?

A. Regular rocks are too heavy.

Q. When is an Irish Potato not an Irish Potato?

A. When it is a FRENCH fry!

Sincerely,

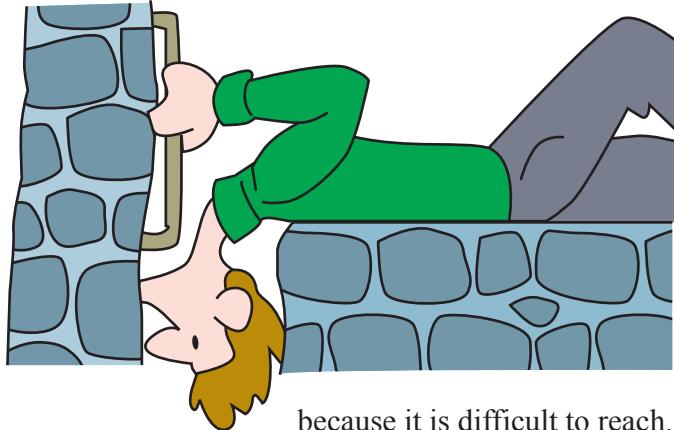
Woodword

HAPPY
ST. PATRICK'S
DAY!

St. Patrick's Day, March 17th, is the day that people everywhere wear green. Born in Great Britain during the time of the Roman Empire, St. Patrick was kidnapped and sold into slavery in Ireland where he worked as a shepherd. He fled to France but eventually returned to Ireland as a missionary. He is the patron saint of Ireland.



The Blarney Stone



The Blarney Stone is a rock slab set in the wall of the Blarney Castle tower in the village of Blarney.

According to legend, an old woman cast a spell on the stone to reward a king who had saved her from drowning. Kissing the stone gave the king the ability to speak sweetly and convincingly.

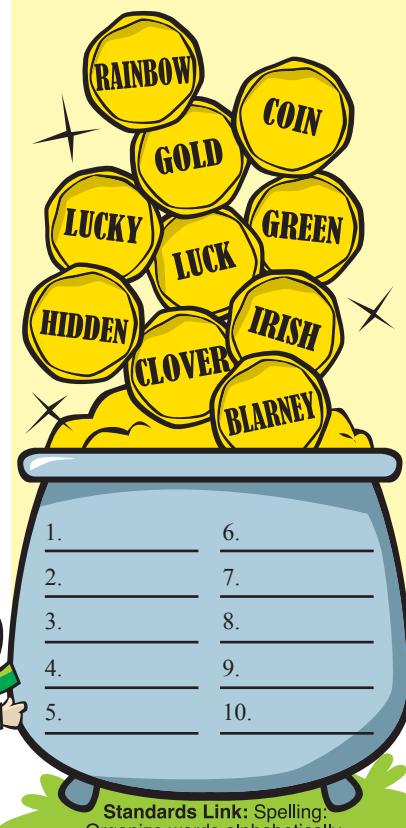
Kissing the stone is not an easy task, because it is difficult to reach. Anyone who wants to try has to lie on his or her back, bend backwards and downwards, and hold on to iron bars for support.

It is said that those who kiss the Blarney Stone are given the **gift of gab**, or Blarney: the skill to get anyone to do what he or she wants. This is persuasive talk!

Standards Link: Reading Comprehension: Use reading skills to understand a variety of texts including legends.

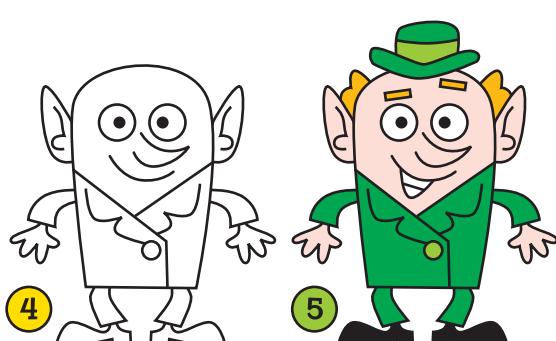
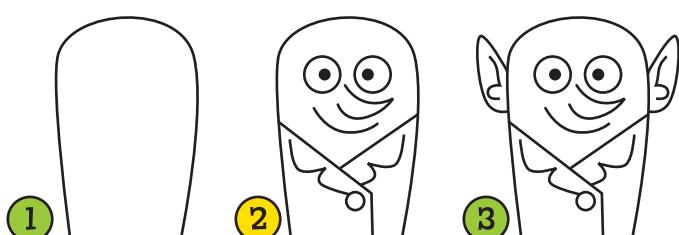
Leprechaun Gold

Look at the words on each of the gold coins. Put them in the pot in alphabetical order before the Leprechaun disappears with all the gold!

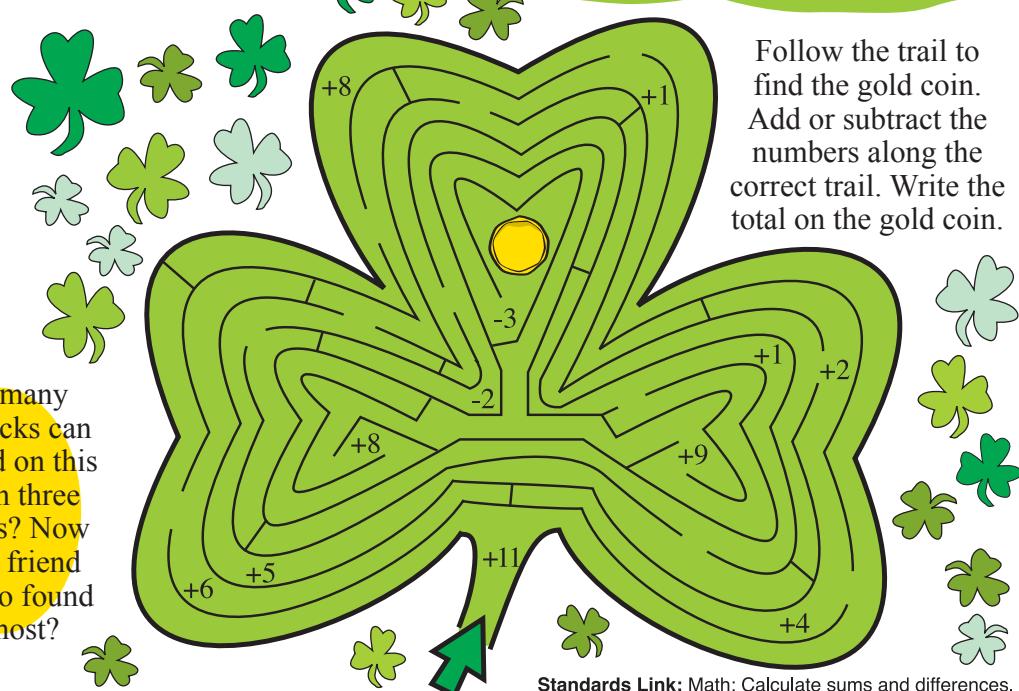


Standards Link: Spelling: Organize words alphabetically.

How to Draw a Leprechaun



How many shamrocks can you find on this page in three minutes? Now have a friend try. Who found the most?



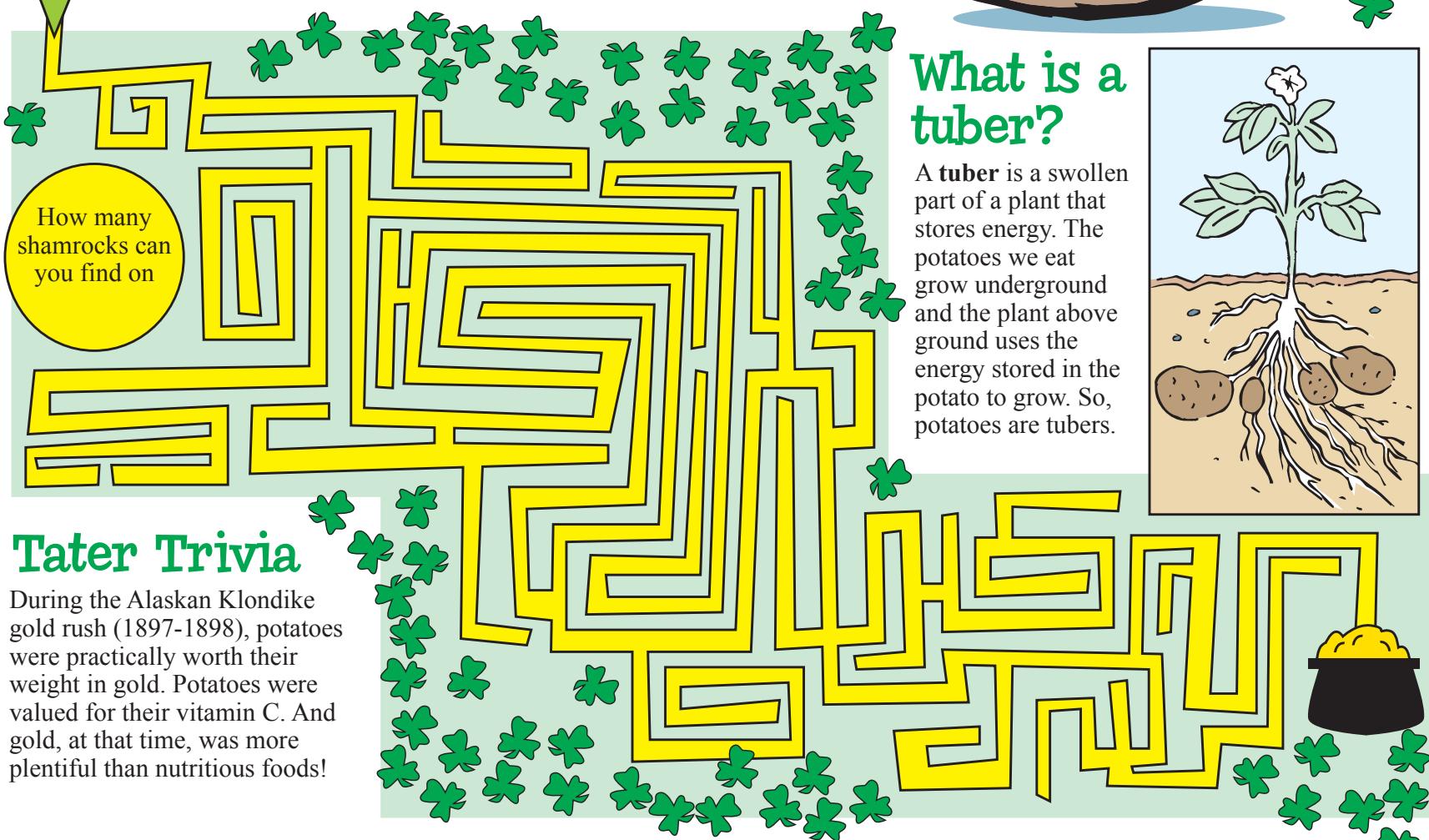
Follow the trail to find the gold coin. Add or subtract the numbers along the correct trail. Write the total on the gold coin.

Standards Link: Math: Calculate sums and differences.

Paddy O'Brien's Potato Patch

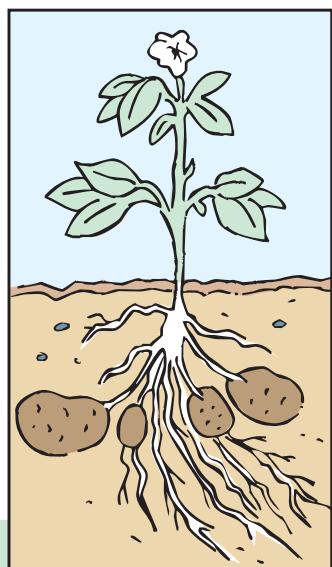
In Ireland, potatoes have been an important source of nutrition for centuries. Today's page is packed with fun facts about the tasty tater!

Welcome to Paddy O'Brien's Potato Patch. Can you find your way through the patch to the pot of gold?



What is a tuber?

A **tuber** is a swollen part of a plant that stores energy. The potatoes we eat grow underground and the plant above ground uses the energy stored in the potato to grow. So, potatoes are tubers.



Tater Trivia

During the Alaskan Klondike gold rush (1897-1898), potatoes were practically worth their weight in gold. Potatoes were valued for their vitamin C. And gold, at that time, was more plentiful than nutritious foods!

Lookalike Leprechauns

Find the two identical leprechauns.

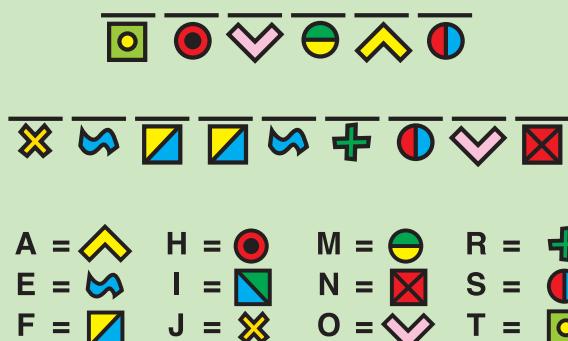


'Taters are tops!

Potatoes are packed with vitamin C and minerals your body needs for energy. A potato is one of the best sources for potassium you can find in the produce section. Potassium helps keep blood pressure at a normal level.

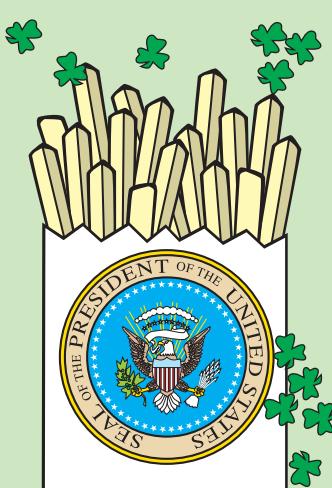
Presidential Potatoes

French fries were introduced in America when they were served in the White House by this president. Use the code to reveal his name.



Standards link: Reading comprehension: Follow simple written directions.

Special thanks to the U.S. Potato Board for their help with this page. Visit them at www.potatogoodness.com for a free classroom poster and more!



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.

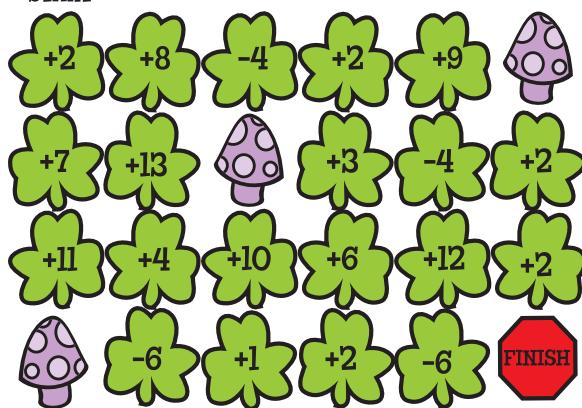
BLARNEY	CASTLE	SAINT
IRELAND	SPEAK	GOLD
KISSING	CLOVER	TALK
LEPRECHAUN	COBBLER	ROCK
STONE	RAINBOW	BEND

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

Puzzler

Starting at the upper left clover, leap across the shamrocks, adding and subtracting numbers as you go. Find a path that totals 30. Avoid the toadstools!

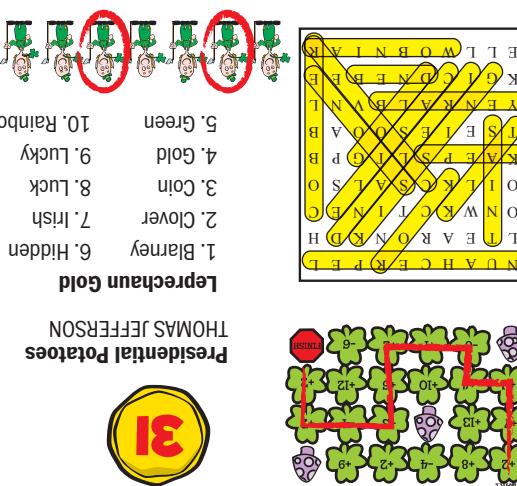
START



Standards link: Number sense: Calculate sums and differences.

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

Answers



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

If you would like to receive FREE copies of *Connect 1•2•3* for your classroom, order on the Web at deseretnews.com/nie.

Connect 1•2•3 is a FREE monthly educational section available only to schools through

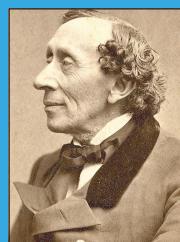
the Deseret News.

Content created for the Deseret News by Kid Scoop. Educational fun for kids ages 4-11. www.kidscoop.com



POWERED BY
Deseret News

DID YOU KNOW?



The temperatures are rising, the snow is starting to melt which means

Spring is nearly here! And one classic spring tale is "The Ugly Duckling," written by Hans Christian Andersen. Andersen was born in Denmark on April 2, 1805. Although he was very poor, he was also born with dyslexia. Despite his disability, he still learned how to read, but he could never spell properly. His father read him books, which inspired him to write. At first, Anderson was not very proud of his storytelling and nearly gave it up. "The Ugly Duckling" was based on Andersen's own life. He was tall with a big nose and big feet. He felt he was ugly and clumsy but in the end, his hard work and talent brought him fame and fortune. He loved to entertain children as he used scissors to cut brilliantly inventive pictures of dragons, princesses, mermaids and trolls. Now his poetry and stories have been translated into more than 150 languages and inspired movies, plays and ballets. Andersen has written many timeless tales such as "The Princess and the Pea," "The Emperor's New Clothes" and "The Little Mermaid." Now, every year on his birthday is International Children's Book Day to honor him. How will you celebrate?

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



Deseret News

CONNECT

Your Family • Community • World

1 2 3

My name:

STEM

Swish! It's Geometry

Swish! The lovely sound of a basketball slipping through the net in the hoop, so perfectly centered that the ball doesn't touch the back stop or the rim.

When this happens, a swish through the net is the only sound you hear. And the ball safely sinks through to score.

If the ball hits the rim of the hoop, the chance of it bouncing out increases. But to sink the basketball through the hoop, swish or not, a player doesn't throw the ball at the hoop. Rather a player using knowledge of the **parabolic arc** to throw the ball so that it arcs over and up high enough to enter the basket from above.

A **parabola** is the curve, shaped like an arch. It is also called a **parabolic arc**.



PARABOLIC ARC



Scientists can calculate the ideal free-throw angle for players of different heights. It's 13.75 feet from the free-throw line to the center of the basket, and a six-foot player launches the ball from about seven feet above the hardwood. That works out to a shooting angle of 51°.



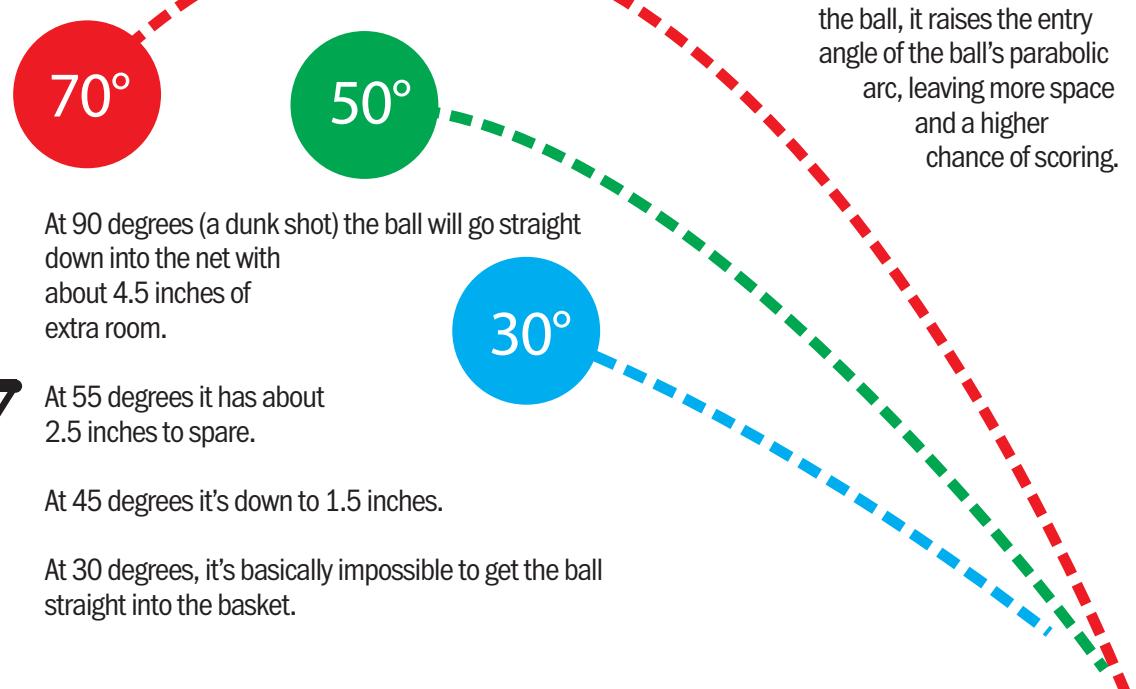
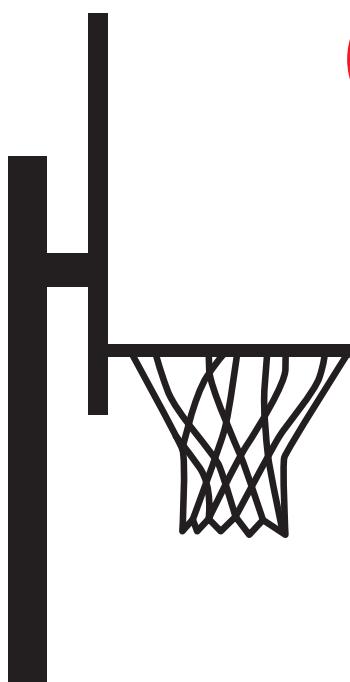
Dunk Directions

The hoop is 18 inches in diameter. A basketball is about 9.4 inches wide.

If a ball is dunked straight down into the hoop from above (a 90 degree angle), there is plenty of room for the ball to sink all the way through the net and score.

But when a player shoots the ball farther away from the hoop, the ball needs to be thrown up at an angle.

Which basketball shot at right is most likely to score?



SCIENTIST'S NOTEBOOK

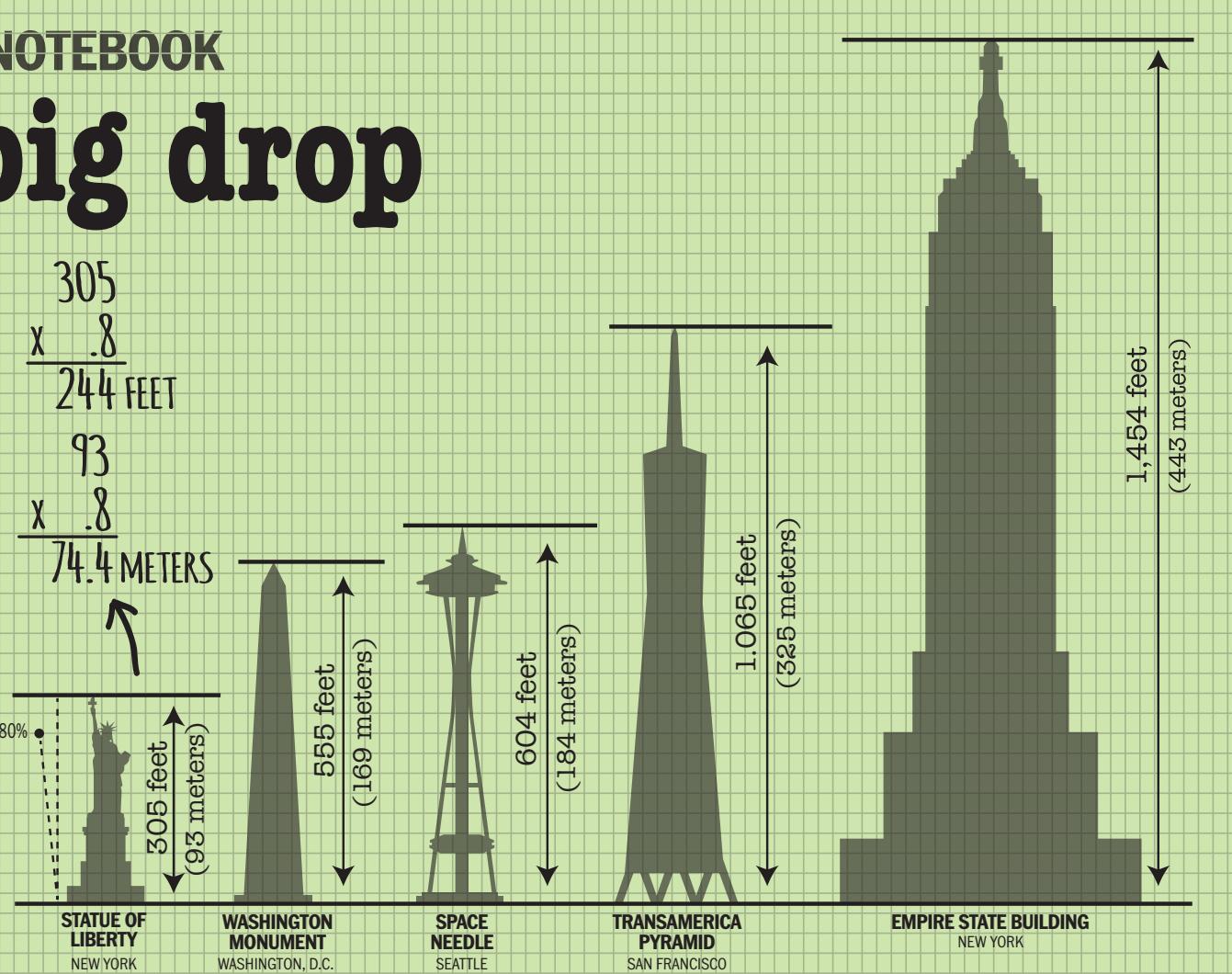
The big drop

Imagine dropping a basketball from the top of these famous structures.

If the ball bounces 80% of the way back up toward the top, how many feet/meters high would the ball travel for each? (We did the first one for you. Are we cool or what?)

$$\begin{array}{r} 305 \\ \times .8 \\ \hline 244 \text{ FEET} \end{array}$$

$$\begin{array}{r} 93 \\ \times .8 \\ \hline 74.4 \text{ METERS} \end{array}$$



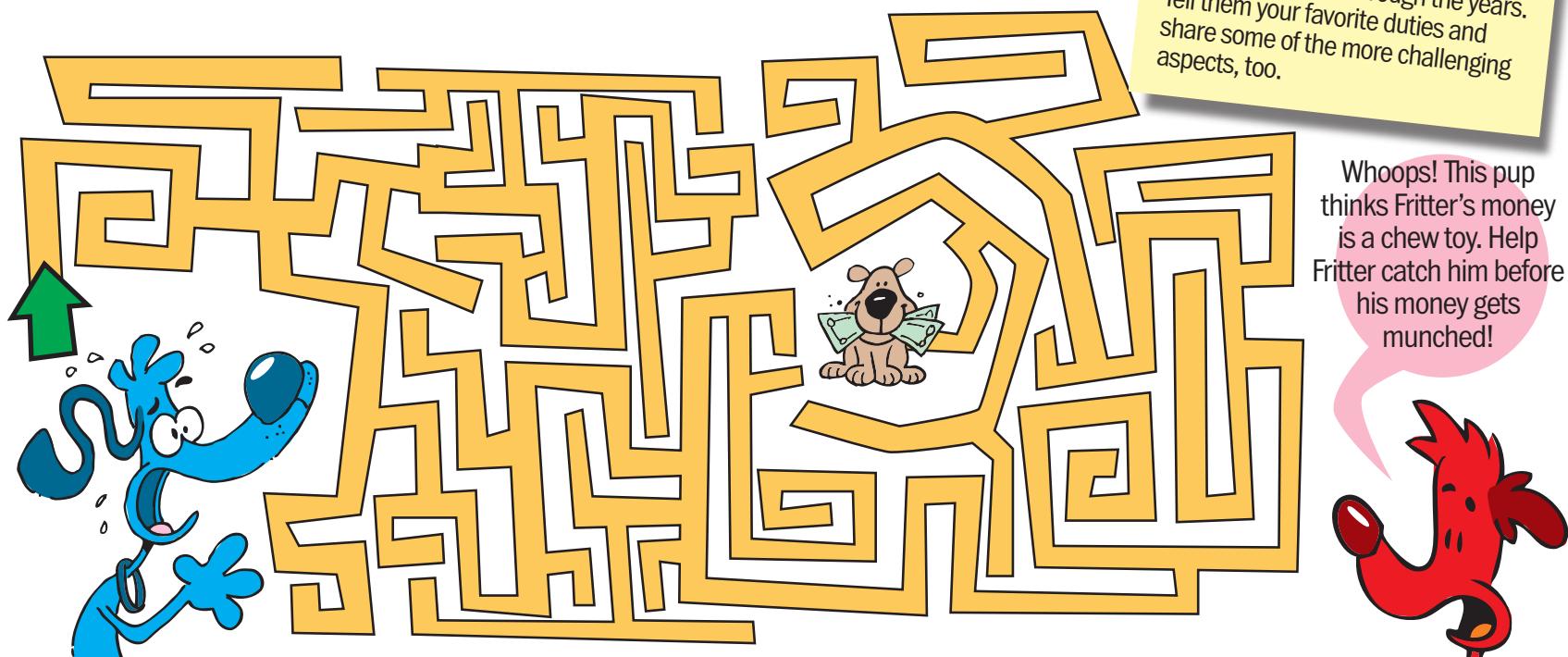
Money matters

Fritter is close to his goal!

Fritter has been saving towards a summer visit to **Six Wags Amusement Park**. He needs a total of \$100.00. By saving and working hard, he now has **\$86.00!** Will Fritter finally reach his big goal by earning money puppy-sitting?

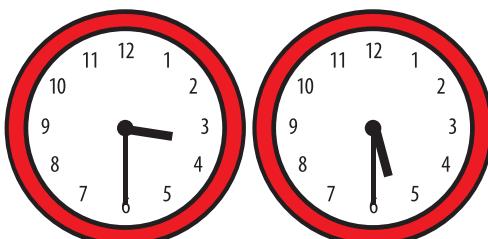
A Note to Parents

Talk to your child about some of the jobs you have had through the years. Tell them your favorite duties and share some of the more challenging aspects, too.



Fritter got a job watching his neighbor's new puppy. It's not always easy watching a playful pup, but Fritter earns \$2.00 per hour.

The clocks show Fritter's starting and stopping time from Monday afternoon.



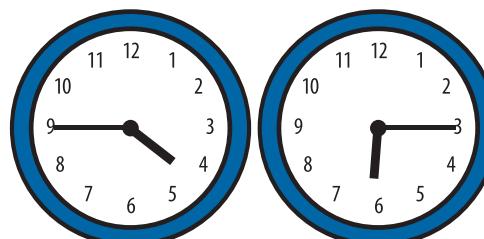
How long did he work?

_____ hour(s) and _____ minutes

How much did he earn?

\$ _____

The clocks show Fritter's starting and stopping time from Thursday afternoon.



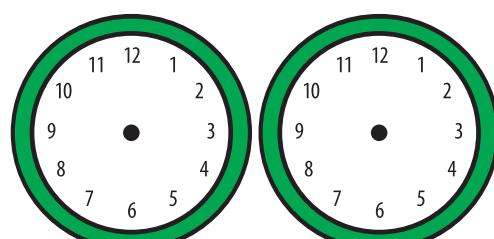
How long did he work?

_____ hour(s) and _____ minutes

How much did he earn?

\$ _____

On Saturday, Fritter started work at 9:15 a.m. He worked two and a half hours. Draw the hands on these clocks to show his starting and stopping time.



How much did he earn?

\$ _____

How much did Fritter earn this week? \$ _____

How much longer does he need to work to reach his goal of \$100.00? _____

PRO Puzzler

All of the words in the puzzle below start with the letters P-R-O. Read the definition of each word and see if you can fill in the blanks. If you get stuck, look at right for each word's missing letters.

FESSOR
DUCE
VIDE
GRESS
SPEROUS
FIT
HIBIT
PERTY
PANE
LONG
TECT
OUNCE

Standards Link: Language Arts: Vocabulary.

The money a business makes: PRO _____	A gas used in outdoor grills: PRO _____	To make something available: PRO _____
Another name for fruits and veggies: PRO _____	To stop something from happening: PRO _____	To be financially successful: PRO _____
To lengthen in time: PRO _____	To move forward: PRO _____	Something you own, especially land: PRO _____
To keep safe from harm: PRO _____	To say a word clearly and correctly: PRO _____	A teacher at a university: PRO _____

Stem stumper

Nathan's Nursery has more potted plants than Gabby's Garden Center. Look very closely and count carefully. How many more potted plants does Gabby need to match Nathan?

Standards Link: Math: Problem solving.



Hey readers!

The school year is more than halfway over. What have you done to improve your reading skills? Students at Northridge Elementary in Orem worked hard on just that and now they have a reason to celebrate. Nearly every single one of their 720 students are now reading at grade level. In 2015, 78% of the students were proficient in reading. That number has grown to 93%, an accomplishment the Read Today team just had to recognize. We stopped by to help them celebrate their success and encourage them to keep going. Each student at Northridge works with a team who focus on their individual needs, under the philosophy that every student matters. We are proud of each and every one of these kids and the hard work and effort their school has dedicated to making literacy a priority. Take a moment to think of your own school, inside your own classroom. What are you doing to improve literacy? If your school is doing something you think is great, we'd love to hear about it.



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

If you would like to receive FREE copies of *Connect 1•2•3* for your classroom, order on the Web at deseretnews.com/nie.

Connect 1•2•3 is a FREE monthly educational section available only to schools through

the Deseret News.

Content created for the Deseret News by Kid Scoop. Educational fun for kids ages 4-11. www.kidscoop.com

NIE director:

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

Answers

Empire State Building	354.4 m
Transamerica Pyramid	147.2 m
Space Needle	483.2 ft
Washington Monument	555.2 m
Stem Stumper	444 ft
Gabby needs 4 more potted plants to match Nathan.	1 hour
How much longer does he need to work?	\$12.00
How much did Fritter earn this week?	\$5.00
Saturday	7 hours and 30 minutes
Thursday Afternoon	2 hours and 0 minutes
Monday Afternoon	\$4.00



Deseret News

CONNECT 123

Your Family • Community • World

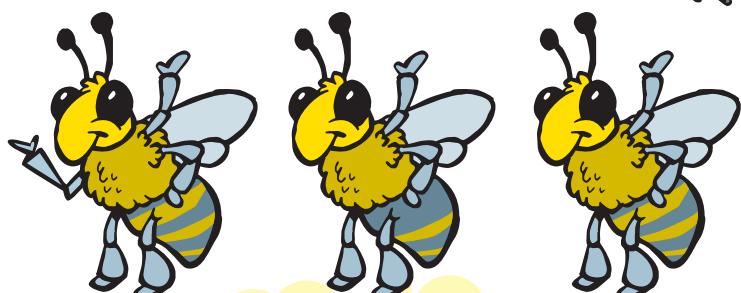
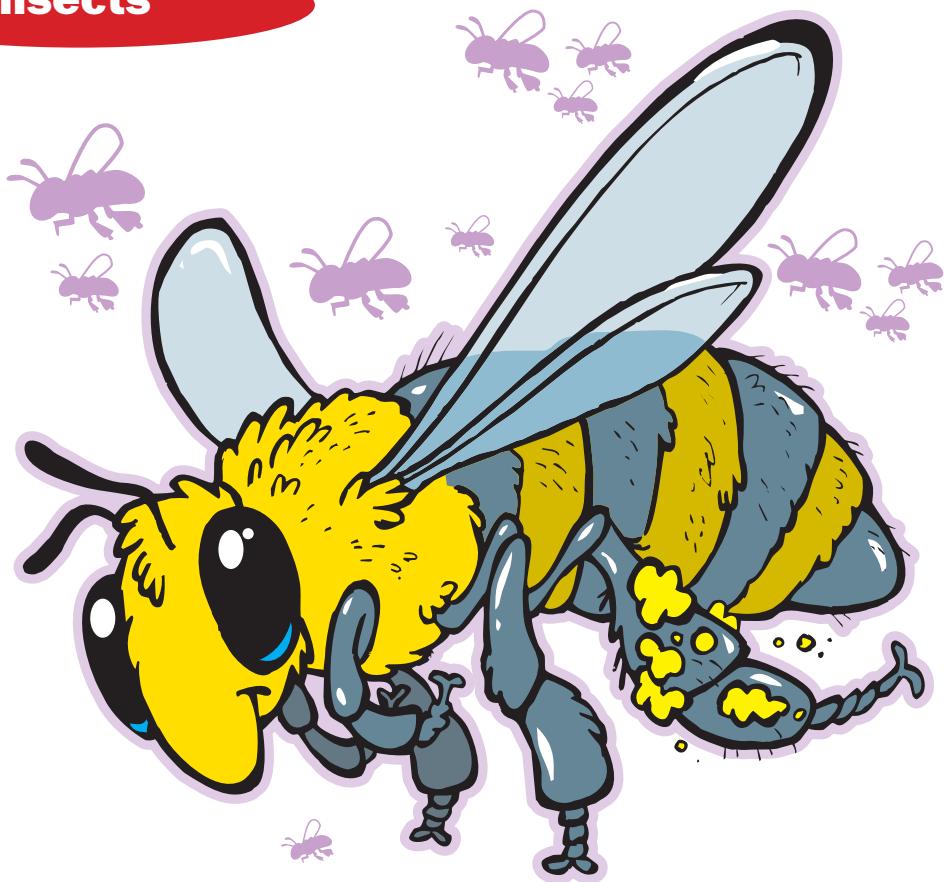
My name: _____

Insects

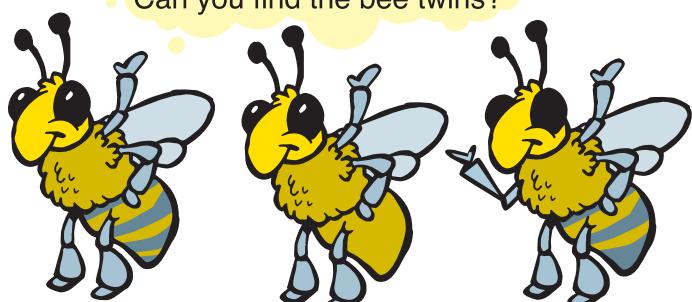
The Buzz on Bees

Hooray for hairy legs

Honeybees are actually fuzzy little insects. When one stops by a flower to sip some nectar, pollen gets stuck to its hairy honeybee body. When the busy bee moves on to another flower it drops some pollen from the first flower onto the second flower.



• Can you find the bee twins?



Home sweet home

Honeybees live in a group called a **colony**. The place where the colony lives is called a **hive**. As many as 60,000 honeybees can live in one hive!



Why do bees make honey?

Honeybees make honey so they have something to eat during the long months of the year when flowers aren't blooming.

Food friends



If it weren't for honeybees, some of your favorite foods would disappear from the planet. In fact, honeybees pollinate more crops than any other insect.

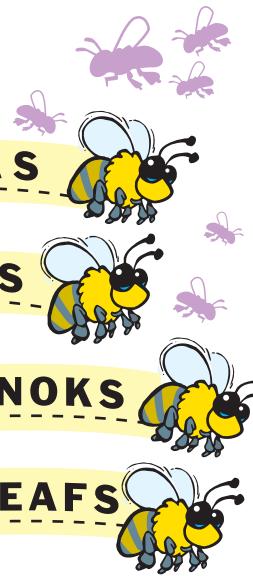
Circle every third letter along each bee's flight path below to find out the names of just a few of the foods that honeybees pollinate.

R B A T R P J S P V W L T D E Z A S

P E O C D N M G I K A O Y W N K L S

W U P G H U L B M I O P J T K S D I L Y N O K S

S I C H I H M B E W V R T S R Z O I P L E A F S



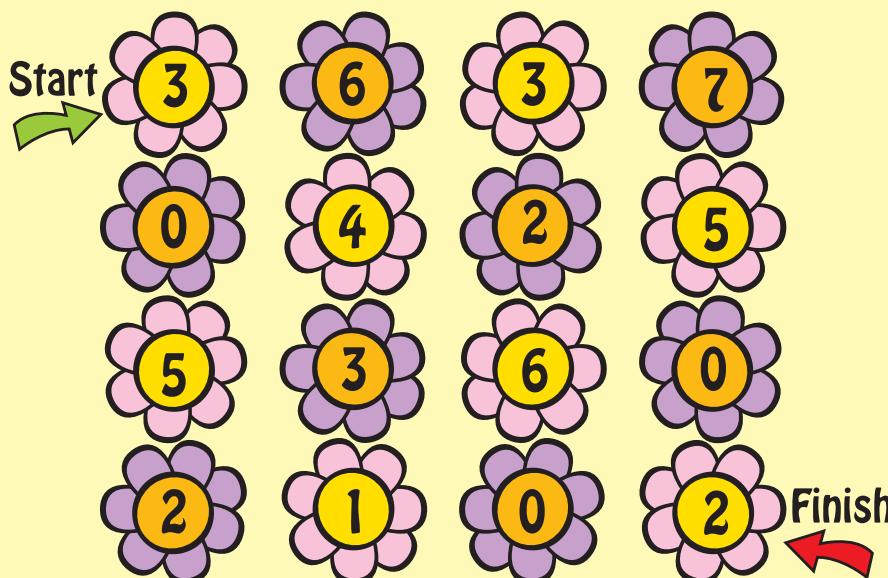
BZZZzzzzzzz ... Bees stroke their wings 11,400 times per minute! That is what makes their distinctive buzzing sound.



Honeybee Buzz-ler



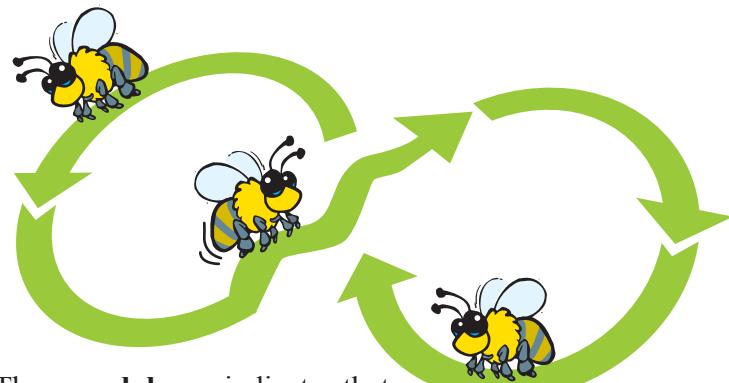
Help Buzby find the correct path through the flowers. You can move across, up, down or diagonally. Add up the numbers on each flower along your path. The correct path adds up to **21**.



Standards link: Math/Number sense: Know sums up to 25.

Dancing directions

When a honeybee returns to the hive, it gives out samples of the flower's nectar to its colony. Then it performs a dance that identifies the distance, direction, quality and quantity of the food supply.



The **round dance** indicates that a food supply has been found. The **waggle dance** indicates the angle and distance of the food supply, telling the other bees how to get there.

Standards link: Life science: Adaptations in behavior may improve an organism's chance for survival.

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.

HONEYBEES	WAGGLE	HONEY
BUZZING	TWINS	HAIRY
DRONES	FLIGHT	FRIENDS
WORKERS	DANCE	POLLEN
COLONY	PATH	ACROSS

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

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

Biography

DAY 1 Port of New Jersey	DAY 2 Move ahead 3 days	DAY 3 Go back 1 day	DAY 4 Go back 2 days	DAY 5 Go back to port	DAY 6 Go to Southampton	DAY 7	DAY 8 Southampton, England Go to Amiens, France	DAY 9 Amiens, France ROLL AGAIN	DAY 10 Go back 5 days	DAY 11 Go back 2 days	
DAY 72 Arrive New Jersey! You did it!!		DAY 71	DAY 70 Arrive in Chicago, IL	DAY 69 Lose a turn	DAY 68 Arrive in San Francisco, CA	DAY 67					
DAY 61	DAY 62 Go back 3 days	DAY 63 Go back 15 days	DAY 64 Lose 2 turns	DAY 65 Go ahead 1 day	DAY 66						
DAY 60 Go ahead 2 days	DAY 52 Go ahead 1 day	DAY 51 Roll again	DAY 53 Storm! Go back 5 days	DAY 50 Go ahead 1 day	DAY 49						
DAY 59	DAY 54	DAY 48 Go ahead 3 days	DAY 47	DAY 46 Go ahead 5 days	DAY 45						
DAY 58 Go back 4 days	DAY 55 Go back 3 days	DAY 56 Go back 9 days	DAY 41 Arrive in Yokohama, Japan	DAY 42 Lose a turn	DAY 43 Lose a turn	DAY 44					
DAY 40	DAY 34 Arrive in Singapore			DAY 33	DAY 32	DAY 31 Move ahead 5 days	DAY 30 Go back 3 days	DAY 29	DAY 28 Go to Singapore	DAY 27 Lose a turn	DAY 26
DAY 39	DAY 37	DAY 36 Go ahead 2 days	DAY 38 Arrive in Hong Kong	DAY 25 Arrive Columbo, Ceylon (Today, Ceylon is Sri Lanka.)	DAY 24						

Around the World with NELLIE BLY
A globetrotting game

How to play

You need:

- A marker for each player.
- One die

1. Decide who will go first.
2. Each player moves by rolling the die and moving the marker the number of spaces shown on the die.
3. Follow the directions written on the spaces. Beware! Nellie Bly had many delays and setbacks on her trip. While the delays on the board game don't reflect Nellie Bly's actual delays, they will let you share in her frustrations. The opportunities to roll again let you share her celebrations!
4. The first person to make it back to New Jersey wins!

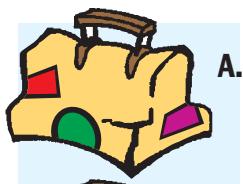
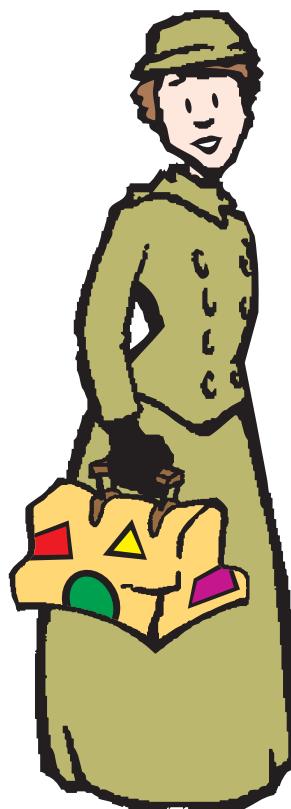
Standards link: History; students understand key people of an historical era including the contributions made by women.

NEW YORK WORLD
THOUSANDS CHEER THEMSELVES HOARSE AT NELLIE BLY'S ARRIVAL

Puzzler**Matching luggage**

Find the suitcase above that matches the one Nellie Bly is holding.

Standards link: Visual discrimination.

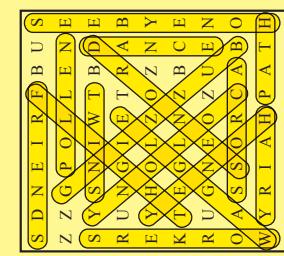
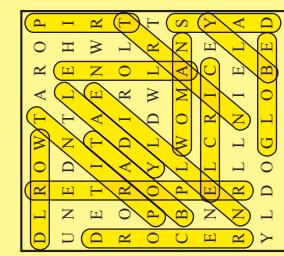
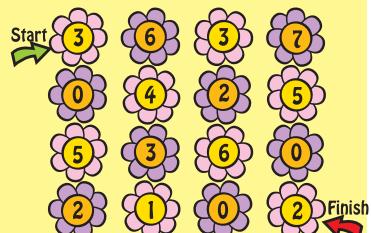
**Double double word search**

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

NELLIE	GLOBE	LADY
BLY	TRAIN	PRINT
REPORTER	WOMAN	WORLD
BOAT	ALONE	DAYS
CIRCLE	TRIP	RECORD



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

Answers

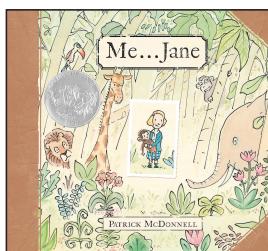
Matching luggage: E.

CHECK IT OUT

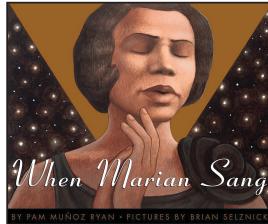
The City Library

THE SALT LAKE CITY PUBLIC LIBRARY SYSTEM

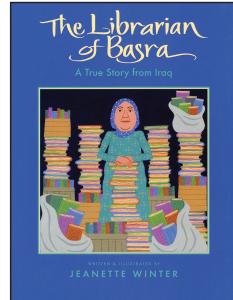
Celebrate Womens History Month with these great books recommended by the librarians at Salt Lake City Public Library.



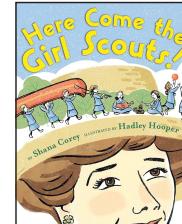
"Me...Jane," by Patrick McDonnell.



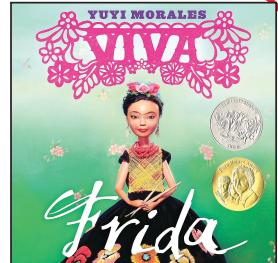
"When Marian Sang: The True Recital of Marian Anderson," by Pam Munoz Ryan. Illustrated by Brian Selznick.



"The Librarian of Basra: A True Story from Iraq," by Jeanette Winter.



"Here Come the Girl Scouts!: The Amazing All-True Story of Juliette "Daisy" Gordon Low and her Great Adventure," by Shana Corey. Illustrated by Hadley Hooper.



"Viva Frida," by Yuyi Morales.

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

If you would like to receive FREE copies of *Connect 1•2•3* for your classroom, order on the Web at deseretnews.com/nie.

Connect 1•2•3 is a FREE monthly educational section available only to schools through

the Deseret News.

Content created for the Deseret News by Kid Scoop. Educational fun for kids ages 4-11. www.kidscoop.com

NIE director:

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