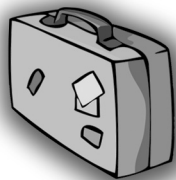




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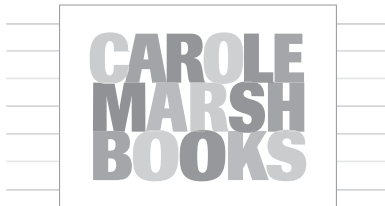
# HAUNTED GHOST TOWN



## Teacher's Guide

by  
Carole Marsh

Editor: Aimee Holden • Art & Design: Cindy Quamme



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P.O. Box 2779 • Peachtree City, GA 30269  
Tel: (800) 536-2438 • Fax: (800) 871-2979  
email: [orders@gallopade.com](mailto:orders@gallopade.com)  
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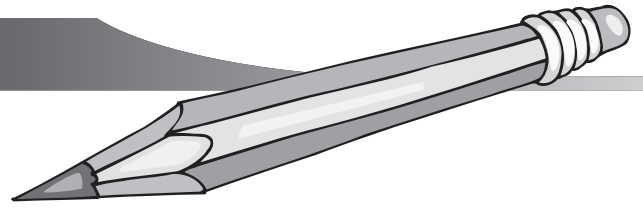
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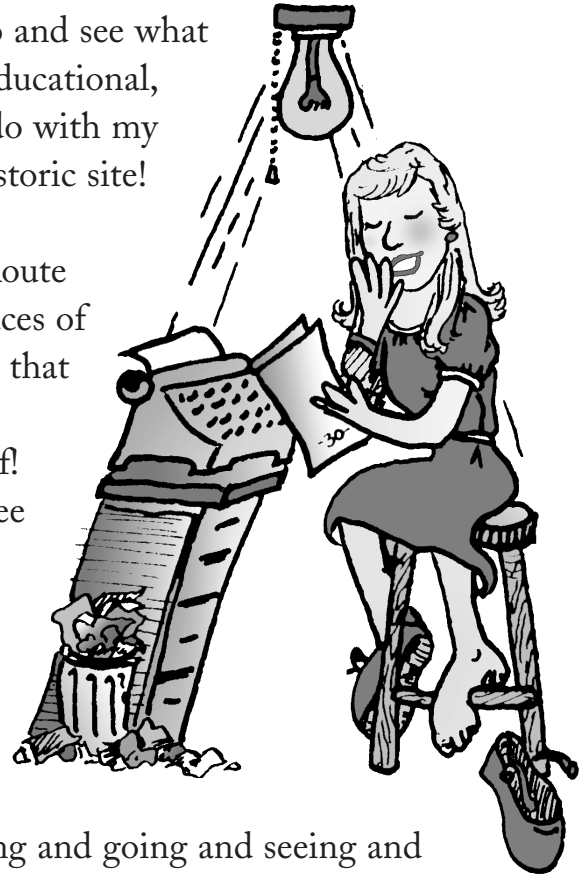
## *A Word from the Author*



Dear Teachers,

In 1979, I began writing children's mysteries set at historic sites that still existed—primarily so that kids could go and see what they had read about. Frankly, I found no more fun, educational, and stress-free (actually, just plain joyful!) activity to do with my then school-age children than to visit a fascinating historic site!

Until I went out West on the backroads (like Route 66), I guess I thought ghost towns were made-up places of the past. But the truth is there are many ghost towns that lost their lives in the boom and bust years of oil and mining of gold, silver, and copper—or the lack thereof! I like writing about ghost towns because kids get to see that just because something exists (and even thrives) today, it does not necessarily mean that man and fate may be kind to that location. Lots of great lessons in ghost towns, I always say!



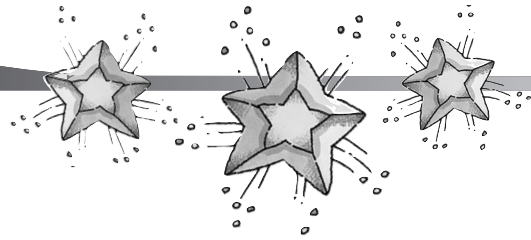
We learned a lot, but what we learned best is that kids and adults can learn together. Reading and going and seeing and doing is what education is all about, and most especially, that “adopting” a subject or place leads to a lifelong interest in an era, a place, the people, and all the fascinating facts that made up their lives. We learned that history is still “living” and is not lost on kids! In fact, it is quite a revelation!

Enjoy your ghost town mystery adventure!

*Carole Marsh*



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## The Mystery of the **HAUNTED GHOST TOWN**

### 30 Years Ago...

As a mother and an author, one of the fondest periods of my life was when I decided to write mystery books for children. At this time (1979), kids were pretty much glued to the TV, something parents and teachers complained about the same way they do today.

I decided to set each mystery in a real place—a place kids could go and visit for themselves after reading the book. And I also used real children as characters. Usually a couple of my own children served as characters, and I had no trouble recruiting kids from the book's location to also be characters.

Also, I wanted all the kids—boys and girls of all ages—to participate in solving the mystery. I wanted kids to learn something as they read. Something about the history of the location. And, I wanted the stories to be funny.

That formula of real+scary+smart+fun served me well. The kids and I had a great time visiting each site, and many of the events in the stories actually came out of our experiences there.

I love getting letters from teachers and parents who say they read the book with their class or child, then visited the historic site and saw all the places in the mystery for themselves. What's so great about that? What's great is that you and your children have an experience that bonds you together forever. Something you shared. Something you both cared about at the time. Something that crossed all age levels—a good story, a good scare, a good laugh!

30 years later,

*Carole Marsh*



## California Visitor Information

### California Travel & Tourism Commission

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### Golden Gate Bridge

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[www.goldengatebridge.org](http://www.goldengatebridge.org)



### Great San Francisco Websites

[www.sfcablecar.com](http://www.sfcablecar.com)

[www.alcatraz.cc](http://www.alcatraz.cc)

[www.visitfishermanswharf.com](http://www.visitfishermanswharf.com)

Chapter	Subject	EXPLORE!
1	History	A “ghost town” is a town that has been abandoned, usually because the businesses and industries that supported it failed. There are many ghost towns in the American West.
1	Vocabulary	Something that is “stark” is barren and desolate, without any decoration.
1	History	Native Americans are those people whose ancestors were the first to live in the Americas. They are also referred to as American Indians.
1	Science	Tumbleweeds are large, dry, prickly plants that the winds blow around in the West.
1	Language	When someone has “twinkles in their eyes,” their eyes are lit up with amusement or mischief.
1	History	Tombstones mark graves. A tombstone usually has the name of the person buried there on it, as well as the dates of that person’s birth and death. Sometimes they have extra information, like “Gunslinging Great!”
2	Language	Someone who is “knee-high to a grasshopper” is young and small.
2	Geography	Texas is the second-largest state in the United States. It stretches 773 miles from eastern border to western border, which is why China Betty’s smile is said to be “as wide as Texas.”



## Wild West Vittles

*Beans and cornbread were staples for people in the Wild West. Try this easy and tasty cornbread recipe! Be sure to have an adult help you.*



1 ½ cups corn meal

½ cup flour

½ tsp. soda

½ tsp. salt

1 cup milk

2 eggs, beaten

2 tbsp. vegetable oil

2 cups shredded cheddar cheese

1 can of cream-style corn

1 chopped onion

12 or 14 slices of bacon, cooked and crumbled

2 tbsp. chopped pimento

✓ Combine the first 4 ingredients and mix well.





✓ Add milk, eggs, and vegetable oil and stir well.

✓ Add remaining ingredients and stir well.

✓ Pour into a greased square pan and bake at 350° for 40 to 45 minutes or until brown.

✓ Enjoy!

**REMEMBER!**  
Ask for an adult's help when cooking.

Chapter	Subject	EXPLORE!
3	Vocabulary	“Rubble” is broken building materials such as bricks, stones, and sticks.
4	Literature	 <p>Sherlock Holmes is a famous fictional detective known for his brilliant reasoning and observation skills. He appeared in more than 60 stories by the Scottish author Sir Arthur Conan Doyle.</p>
4	Language	<p>Someone who is “bow-legged” has legs that curve outward at the knees.</p> 
4	Vocabulary	<p>A “sleuth” is someone who is good at, and enjoys, solving mysteries.</p>
5	History	<p>Arizona became an important source of silver mining in the United States in the 1800s. Tombstone was the most productive silver mining area in Arizona.</p>
5	Science	 <p>Cacti are desert plants that need very little water to survive. Most cacti have sharp spines to prevent them from being eaten by desert animals!</p>
5	Science	 <p>“Goose bumps” are the tiny bumps that appear on your arms when you are cold, frightened, or excited. You cannot control whether or not you get goose bumps.</p>

## Water Pollution

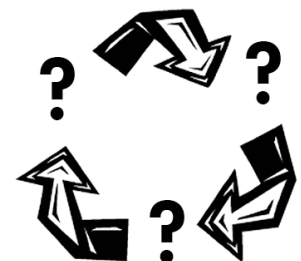
Water pollution is a serious problem for people and wildlife. At one time, the American bald eagle was very close to extinction because of water pollution. A chemical used to kill harmful insects was getting into the water.




The chemical wasn't directly killing the birds, but it was still causing their deaths. The bald eagles were eating fish that had eaten smaller fish that had snacked on phytoplankton, which had absorbed the chemical. The bald eagles' exposure to the chemical made their eggs so weak that they cracked while the eagles were trying to keep them warm! Fortunately, the use of that chemical was banned in the United States in 1972.

### Cycle of Contamination

Draw pictures to represent the cycle of events that was killing bald eagles. Use arrows to show the order of the pictures.





Chapter	Subject	EXPLORE!
6	Vocabulary	“Artifacts” are objects made by humans. Artifacts can help us learn about ancient cultures and peoples.
6	Technology	An interactive map is one that allows you to select different sites on the map and get more information about those sites.
6	Culture	Coyotes are thought to be smart and cunning, which is why the Navajo people consider them “tricksters.”
6	Body Language	Rosita shrugs her shoulders—or moves her shoulders up and her head down—to show that she is discouraged and feels helpless about the situation.
7	Language	Papa suggests a “change of scenery,” or going to a different place, to take the children’s minds off the mystery.
7	History	 Mining was an important industry in the American West during the 1800s. People came from all over the world to search for precious metals like gold, silver, and copper.
7	Language	Mimi tells the children to “act civil.” That means she wants them to behave politely and to use good manners.
7	Writing	The children are in complete darkness inside the mine. Write a paragraph about what you think it would feel like to live in a completely dark environment. How would you adjust?

## Make a Silhouette



*Silhouettes were a popular form of art in the Wild West—especially since there were no cameras! Silhouettes are fun and inexpensive to make. They make great gifts, too!*

### Directions

Tape a large piece of white paper on the wall. Position a bright light (like a flashlight or a gooseneck lamp) so the light shines directly on the paper.

Have someone sit between the paper and the lamp so he or she is directly in the light, and the shadow of his or her head is on the paper.

Have the person turn sideways so that his or her profile can be seen. Move the lamp closer or further away until the shadow is the right size for the paper.

While the person sits very still, use a pencil to outline the shadow on the white paper.

Carefully cut out the outline and then use it to trace another outline, this time on black paper.

Cut out the black outline and mount it on white paper.



Chapter	Subject	EXPLORE!
8	Vocabulary	A “souvenir” is an item that reminds you of a place, an event, or a person.
8	Science	Scorpions are eight-legged arthropods (cousins of spiders) that live in deserts. Their sting is poisonous and painful!
8	Vocabulary	An “artifice” is a clever trick.
9	Culture	The Navajo people are known for their craftsmanship. They create beautiful jewelry, baskets, pottery, and rugs, which they often sell to tourists and collectors.
9	Language	A “pensive” smile is one that is slightly sad or worried.
9	Vocabulary	“Sinister” suggests that something is evil or harmful.
10	History	Tombstone is the home of the world’s largest rose tree. The tree was planted more than 100 years ago by Mary Gee. Today, the rose tree is a huge, dense canopy of more than 8,000 square feet of delicate white flowers!
10	Geography	Hills make good lookout posts because you can see what’s happening all around you. Soldiers, cowboys, and other people in the Wild West often set up camp on a hilltop.
10	Language	Christina has Grant “reluctantly in tow.” That means he is coming with her, even though he doesn’t really want to!



## Copper Mining

*In the Old West, miners turned raw copper from the ground into a form that could be used in buildings, electrical conductors, and works of art. It was hard work!*



### Underground

Miners drilled holes underground and filled them with explosives. The blast from the explosives broke the copper up into pieces that could be hauled away. To get into the mines, miners rode in cars like the one Papa and the children ride in.

### Out of the Ground

Pieces of copper were loaded into carts, which were pulled out of the ground by huge, steam-powered drums with cables.

### Moving Along

Trains took the pieces of copper from the mines to stamp mills.

### Stamped Out

At the stamp mills, the copper pieces were stamped, or crushed, into even smaller pieces!


### Hot and Cold

The stamped copper was sent to the smelter, where it was melted and poured into molds. As it cooled, it hardened into blocks called ingots.

### Shipped Off

Ingots were sent all over the United States where they were used in buildings, electrical conductors, and other items.



Chapter	Subject	EXPLORE!
11	Reasoning	Why doesn't Grant want to admit that Christina is right about the "ghosts" being men? Do you ever have a hard time admitting that someone else is right? Why?
11	Vocabulary	To "plummet" means to fall straight down.
12	Writing	A "haven" is a safe place. Write a paragraph about a place where you feel safe. Why do you feel safe there?
12	Feelings	When Papa and the children drive back to the camp "in the light of day," nothing seems scary. Do you think things seem scarier at night, or when it's dark? Why?
12	Vocabulary	A "mine shaft" is a vertical entrance into a mine.
12	Symbolism	 <p>What do you think the skull and crossbones symbol on the bag marked "POISON" means? Can you think of any other symbols?</p>
12	Vocabulary	A "pun" is the humorous use of different words that sound alike. When Grant says he wants to "bat" the "bats" with his "baseball bat," he is making a pun.
13	Culture	In Native American culture, "shaman" are people believed to have connections with the spiritual and physical worlds. Shaman are said to be able to communicate with spirits (ghosts) and to have special healing powers.

### Think About It!

What does the expression "If we don't learn from history, we are doomed to repeat it" mean? Ask students if they can think of times when history has repeated itself. Are there examples in the story of history repeating itself, or trying to?

### Talk About It!

Discuss conflict—causes and resolution. Check out a controversial historical or current issue. Discuss the contrasting viewpoints. Ask students to tell the class about a conflict they were involved in and how it was resolved.

### Draw It!

Have students draw pictures of important events in the settlement of the American West. Include events such as the Pony Express, the Gold Rush, the building of the transcontinental railroad, and the Battle of the Alamo.



Chapter	Subject	EXPLORE!
14	Language	“Bawling like a baby” means crying uncontrollably.
14	Reasoning	Neither Rosita nor Jorge eat much at the pizza parlor. Why do you think they don’t want to eat?
14	Vocabulary	“Skedaddle” means to leave quickly, in a hurry!
14	Vocabulary	To “ponder” something means to think about it carefully.
14	Reasoning	A town becomes a ghost town when something important vanishes. What could vanish from your town that might make it a ghost town? A factory? Certain businesses? A school?
15	Writing	Grant wants to make a list of the equipment they need for a camping trip. What do you think they will need? Make your own camping equipment list!
15	Vocabulary	“Saunter” means to walk slowly and leisurely.
15	Language	Someone who is a “dead ringer” looks just like another person.
15	Drawing	Christina says Dead Eye looks like an average guy. What does an average guy look like? Draw a picture of an average-looking guy—or girl! What makes him or her average?



## Idioms

An idiom is a fun figure of speech. It is a word or phrase that has a meaning that is not related to the individual words. This means that sometimes the meanings of idioms can be tricky to figure out, especially for people who are just learning the language! There are several idioms in *The Mystery of the Haunted Ghost Town*, including “froze like deer in the headlights” and “run like wildfire.”

See if you can match these idioms with the correct meaning.

1. He’s a real penny-pincher.
  2. She’s the apple of my eye.
  3. I’m having a bad hair day.
  4. Break a leg!
  5. That baby is as cute as a bug’s ear!
  6. She got up on the wrong side of the bed today!
  7. Hold your horses!
  8. You’ve been running around like a chicken with its head cut off.
  9. It’s time to put on your thinking cap.
  10. It’s been raining cats and dogs all day!
- a. Think carefully about something
  - b. Something or someone that is very special
  - c. Woke up in a grumpy mood
  - d. Raining hard
  - e. Someone who is thrifty
  - f. Wait
  - g. Running around in a crazy way
  - h. Messy hair
  - i. Good luck!
  - j. Small and adorable

Answers: 1. e 2. b 3. h 4. i 5. j 6. c 7. f 8. g 9. a 10. d



Chapter	Subject	EXPLORE!
16	Language	When Christina says, “we have him in our sights,” she means they are close to catching Dead Eye.
16	Geography	A wide, open range without hills or trees is called “flatland.” It’s a great place to race horses!
16	Geography	A “brook” is a small, shallow stream.
16	Reasoning	Is a place with three walls surrounding it a good spot for the children to set up camp? Why or why not?
16	Espionage	Have you ever spied on someone? Is it hard to spy without getting caught? What things does a good spy need to remember to do?
17	Science	Hard, fast heartbeats are called “palpitations.” It is normal to hear or feel your heart beat faster when you exercise, or when you are excited or afraid.
17	Crime	To prove a crime, you need “evidence,” or something that determines or demonstrates that the crime happened. Grant’s videotape of the “ghosts” with their bag of poison could be evidence of a crime.
17	Reasoning	When the “ghosts” trespass onto the Alonzo ranch, Christina decides it’s time to call for help. Who should she call? Who would you call if you needed help?



## A Picture is Worth a Million Words

*“A picture is worth a million words” means that one picture can tell you more about a situation than a whole lot of words can.*

Try it out! Take a mental picture of something in your classroom—maybe a group of students or your teacher’s desk. If there are windows in your classroom, take a mental picture of what’s outside.



Now write down everything your picture tells you. Try answering Who? What? When? Where? How? and Why? If you don’t know, try to find clues in the picture. How many words can you come up with?

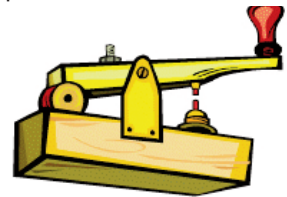


Chapter	Subject	EXPLORE!
18	Geography	A creek is a small stream of moving water. In very dry climates like the American West, some creeks only fill up with water after a heavy rainfall. These are called “washes.”
18	Science	A mule is the offspring of a horse and a donkey. Mules are known to be very stubborn!
18	Vocabulary	An “ambush” is a surprise attack.
19	Industry	Arizona is the leading copper-producing state in the U.S.
19	Language	Miners and prospectors used the word “bonanza” to describe a rich source of copper, silver, or gold.
19	Reasoning	“Consequences” are the results of an action or choice. What are some of the consequences of the two men dumping the poison in the creek?
19	Language	To “wreak havoc” means to cause confusion and destruction.
19	Language	Sarcasm is used to make fun of, or ridicule, a person. Big Jim is making fun of Dead Eye and Dusty.
19	Vocabulary	“Hoosgow” is a slang word for jail or prison.
19	Writing	Why do you think Mr. Alonzo is speechless when he hears there is copper on his land? Write a paragraph about a time that you’ve been speechless.



## History of Copper

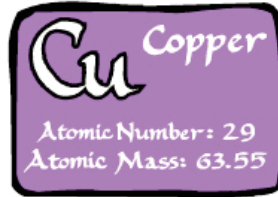
People have used copper for thousands of years. In the Wild West days, copper was used in telegraph and electrical lines, and later it was used in cars and planes.



Copper is probably in several places in your house, such as the plumbing, refrigerator, and pots and pans. Copper mining has been a leading industry in Arizona since the 1800s. Today, Arizona is the leading copper-producing state in the U.S. Below are the names of some Arizona copper mines!

- ◆ *Morenci*
- ◆ *Ray*
- ◆ *Bagdad*
- ◆ *Sierrita*
- ◆ *Mission Complex*
- ◆ *Silver Bell*
- ◆ *Miami*
- ◆ *Pinto Valley*
- ◆ *Tohono*
- ◆ *Mineral Park*
- ◆ *Bisbee*
- ◆ *Safford*

Chapter	Subject	EXPLORE!
20	Vocabulary	To “mimic” something is to imitate or copy it.
20	Science	<p>Copper is a metal that is found in long, thin “veins” underground. It is a reddish-pink color that turns to greenish-black when it is exposed to air. Copper is an essential nutrient for plants and animals. It is even in your blood!</p>
20	Drawing	The copper vein ran like “tree roots” under the town. Draw a picture of what the copper vein might look like.
20	Writing	The children work together to solve the mystery. Write a paragraph about a time you worked with other people to make something happen. Did working together make it easier to get the job done? Why or why not?
20	Vocabulary	A “shindig” is a party or a dance.
20	History	A town that experiences a sudden growth in population and economy is sometimes called a “boom town.” In the Wild West, boom towns were often created by the discovery of a precious metal, like gold, silver, or copper.
20	Vocabulary	“Fiddle” is another name for a violin—a stringed instrument that is played with fingers and a bow. The fiddle was a popular instrument in the Wild West.



## How Do We Learn About the Past?

Historians are people who study and keep track of the past. They write about history for books, magazines, computer software, television, and other places. Where do they get their information? Sometimes they read other books. But sometimes there are no books on the subject. How do they know what happened? Historians use many tools to understand the past



- Artifacts
- Textbooks
- Architecture
- Documents
- Photos
- Oral Presentations
- Letters
- Paintings
- Diaries
- Graphs
- Maps
- Charts



# Discussion Questions

- ❖ Why do Dusty and Dead Eye want people to think the water is poisoned? If you knew the water where you lived was being poisoned, what would you do? Would you leave? Why? If you stayed, what would you try to do about it?
- ❖ Many of the properties in the story have “No Trespassing” signs on them. Why do you think it is necessary to have those signs? Why do we need laws? What happens if people break laws? Name two laws you think are very important to obey.
- ❖ Christina first suspects that Big Jim is poisoning the water. What makes her think that? Have you ever had a wrong impression of someone? What things can give you clues about what a person is really like?
- ❖ What do you think it was like to be a miner? Do you think it was a fun job? Why or why not? Would you want to be a miner? Why or why not?
- ❖ Christina and the other children spend a lot of time spying. Do you think it’s okay to spy on people? Why or why not? How would you feel if someone spied on you? When is a time we might need spies? Do you think it would be exciting to be a spy? Why or why not?



- ❖ Should the children have told the adults earlier about the danger they were in? Why or why not? Tell about a time when you were in danger or had a problem. Did you tell an adult? Why or why not?



## Fingerprints

Fingerprints make excellent evidence. You can study fingerprints just like the police!



You will need the following items:

- pencil and paper
- transparent tape
- magnifying glass

1. Scribble on a piece of paper until you have a heavy black mark.
2. Rub your index finger on the mark.
3. Put a piece of tape over your finger, press down, then pull off the tape.
4. Put the tape on a clean piece of paper so you can see your fingerprint.
5. Examine your fingerprints for loops, whirls, and arches.
7. Fingerprint your friends and compare their prints with yours!

• Check out these books for more information on fingerprints:

Fingerprint Evidence  
by Barbara B. Rollins  
and Michael Dahl

Fingerprints: Crime-Solving  
Science Experiments  
by Kenneth G. Rainis





# Geography: Find It!

1. How many states border Arizona? Name them.
2. What borders Arizona to the south?
3. Name the river that runs through northwest Arizona.
4. What are some ways people might have traveled to Arizona during the Wild West days?
5. True or False? Arizona is bordered by an ocean.
6. Gold was discovered in the state that borders Arizona to the west. This state also borders the Pacific Ocean. What state is it?



## Arizona Fun Facts



On February 14, 1912, Arizona entered the Union; it was the 48th state to do so.

At 114,006 square miles, Arizona is the 6th largest state in the Union.

**Motto:** "Ditat Deus", which means God Enriches

**Capital:** Phoenix

**Flower:** saguaro cactus blossom



**Bird:** cactus wren

**Tree:** palo verde

**Reptile:** Arizona Ridgenose Rattlesnake



**Song:** "Arizona March Song"

### Great Places to Visit:

- The Grand Canyon National Park
- Petrified Forest National Park
- Saguaro National Park
- Painted Desert



# Mathematics: Calculate It!

1. If a rancher in Sunshine Gap owned 30 horses, and one-third of them got sick from the water, how many stayed healthy?
2. Being a tourist is expensive! How much would you pay for this meal at China Betty's diner?

*2 orders of ribs (\$3 each)*

*1 medium soda (\$1.50 each)*

*3 orders of French fries (\$1 each)*

3. Papa and the children drove around Sunshine Gap in an SUV. If the vehicle could seat 1 driver and 7 passengers, and there were 3 empty seats, how many people were in the SUV?
4. The driving distance from Peachtree City, Georgia to Phoenix, Arizona is about 1,830 miles. As the crow (or *Mystery Girl*) flies, it is about 1,586 miles. How many more miles is the driving distance than the flying distance? Why is driving distance usually more than flying distance?



5. If Christina and Grant solve 2 mysteries a year for 5 years, how many mysteries will they solve in all?
6. Things cost more over time. In 1899, an ounce of copper was worth 17 cents. Go online with an adult to find the current price of an ounce of copper. Compare the current price with the 1899 price. What is the difference? Why do you think the price changed?
7. Probability is the likelihood that an event will occur. The probability of an event can be described using these words: likely, unlikely, certain, impossible. Use one of these words to describe the probability of each of the following events:
  - a. The probability that you will do your homework.
  - b. The probability that you are alive.
  - c. The probability that a dinosaur will stomp into your town today.
  - d. The probability that you will encounter a smuggler today.

## Metal Mania!

Metals, or ores, are found in rocks and have many important uses. Aluminum and copper are used in electrical wiring. Iron is turned into steel, which is used for building.

Gold, silver, and platinum are considered precious metals. Through the centuries, they have been used to create beautiful pieces of art, from crowns for royalty to ornamental boxes. There is a statue in Thailand the size of an elephant that is made from solid gold!



Hundreds of years ago, silver was more valuable than gold. It was used to make coins, jewelry, and statues. Platinum is the rarest metal, and the most expensive!



# English: Write It!

1. Pretend that you were invited to be a character in this book. Make a packing list of the things you'll need on this thrilling adventure. Remember that you'll be doing a lot of snooping and spying! Be sure to check the weather, too! The desert is often HOT during the day and COLD at night!
2. Mining was an important industry in our nation's history. Pretend that you are a reporter for the Wild West Gazette, and write a newspaper article about copper mines. Make sure the article answers the questions Who? What? When? Where? and Why?
3. Make a poster encouraging people to come to the Wild West to find their fortunes in copper, gold, and silver. Be sure your poster is exciting and captures people's attention!
4. Pretend you are a prospector who found silver. Write a letter home telling about your discovery!
5. Miners had to shop, too. Make a shopping list of things a copper or silver miner might need to buy when he or she went into town.
6. Imagine that you have found a hidden mine and you want your best friend to meet you there. Write directions to the secret mine. Be sure to be very descriptive so your friend can find it. Here's an example: "Go 2 miles out of town down the long dirt road. Turn west at the old shack. Follow the stream until you come to a clump of trees. Turn left. Walk 7 paces. The entrance to the mine is hidden behind the boulder."
7. Imagine that you traveled from St. Louis, Missouri to Tombstone, Arizona by horseback in the Wild West days. Now imagine traveling by car along the same route. Make a list of the ways that the two trips would be the same. Make a list of how the trips would be different. Be sure to include sights you would see along the way!



## Silver Lining!

*Prospectors and miners originally came to Arizona to find silver in the 1800s. As the supply of silver ran out, mines closed and towns turned "ghostly." Soon, though, copper veins were discovered and a new business boomed! Today, most silver in Arizona is found while mining for copper.*

- ❖ Silver has been known as a precious metal since ancient times. It is used to make ornaments, jewelry, utensils (silverware!), and coins. It is also used in electrical conductors.
- ❖ Silver is easily shaped and molded when heated to high temperatures. This makes it especially popular as an art medium.
- ❖ If you earn a silver medal in a race, it means you came in second!
- ❖ Powdered silver is mixed with mercury and other metals to make dental fillings!
- ❖ At one time, silver provided the reflecting material in mirrors. That made mirrors pretty expensive, so not many people owned one. Today, most mirrors are made using less-expensive aluminum.
- ❖ In India, many foods, especially sweets, are decorated with a thin layer of silver known as vark.
- ❖ According to folklore, silver repels vampires and a silver bullet is the only way to kill a werewolf.
- ❖ Great Britain's monetary unit, the pound (like the American dollar), is based on one troy pound of sterling silver.
- ❖ Silver is used in gels, ointments, and other medications. It's great at killing bacteria!



# Vocabulary: Spell It!

Study the words below. All of them are taken from the mystery book.  
Fold the page in half and take a spelling test. Look up your word in a dictionary and write its definition on a separate piece of paper.

TWINKLE

SILENTLY

VACATION

CACTI

CEMETERY

BUZZARDS

DISTRESS

RESTAURANT

LOCAL

CHINESE

LIVESTOCK

POLLUTED

TATTOO

CREEPY

SCRIBBLE

CORRAL

RICKETY

ARTIFACT

NAVAJO

MYSTERIOUS

WEIRD

SCENERY

HELMET

CAVERNOUS

GUILTY

## Sing It!

Arizona's state song is.... Arizona! It was written in 1915 and tells of the beauty of Arizona. It even mentions silver and gold!

### Arizona March Song

Written by  
**Margaret Rowe Clifford**  
Composed by  
**Maurice Blumenthal**

*Come to this land of sunshine  
To this land where life is young,  
Where the wide, wide world is  
waiting,*

*The songs that will now be sung,  
Where the golden sun is flaming  
Into warm, white shining day,  
And the sons of men are blazing  
Their priceless right of way.*

#### chorus

*Come stand beside the rivers  
Within our valley broad.  
Stand here with heads uncovered,  
In the presence of our God!  
While all around, about us  
The brave, unconquered band,  
As guardians and landmarks  
The giant mountains stand.*

#### chorus

*Not alone for gold and silver  
Is Arizona great.  
But with graves of heroes sleeping,  
All the land is consecrate!  
O, come and live beside us  
However far ye roam  
Come and help us build up temples  
And name those temples "home."*

#### chorus

*Sing the song that's in your hearts  
Sing of the great Southwest,  
Thank God, for Arizona  
In splendid sunshine dressed,  
For thy beauty and thy grandeur,  
For thy regal robes so sheen  
We hail thee Arizona  
Our Goddess and our queen.*



## Art: Create It!

Museums are places you can go to see important pieces of history, art, or science. Did you know that not all museums are indoors? When Papa and the children go to the OK Corral, they are visiting a living history museum—a place where they can experience how people from the past lived. What do you think people in the future would see at a living history museum from the year 2008? Create your own living history museum using some of the ideas below!



1. Sketch a black-and-white design of something people would see happening in your museum. At the bottom of the page, tell what is happening and why it is important in 2008.
2. Use a milk carton, butter tub, paper towel tube, shoebox, or other materials to create a scene from your museum. Cover your “structure” with paper or paint it with markers. Join materials together if you need to!
3. Use clay to sculpt the face of a person you might see role-playing (pretending to be someone from the past) at your museum. Write a note telling who this person is and why he or she is important.
4. Crumple and shape aluminum foil to create a historical object you might find in your museum. Remember, it should be something that was important in the year 2008.



## Horsing Around!

*Christina and the other children enjoy horseback riding in The Mystery of the Haunted Ghost Town.*

*Horses were important in the settling of the American West. In fact, you could say it couldn't have happened without them!*

*Horses pulled wagons and stagecoaches with people and supplies, helped herd cattle, and even delivered the mail! Because they were so important, horses were also very valuable. Horse thieves were often hanged for their crimes!*



Make a list of all the ways horses were useful to people in the 1800s. Are there ways in which horses are still important today? What are they?



# Science: Cook It!

*Christina and Grant enjoy delicious slices of pizza at the pizzeria. Try making your own yummy pizza with this easy recipe. Be sure to get the help of an adult!*

## PIZZA

### Ingredients

- 1 ready-made pizza crust
- $\frac{3}{4}$  cup of pizza sauce
- 1 cup of shredded mozzarella cheese
- $\frac{1}{2}$  cup of shredded Parmesan cheese
- 1 cup of cooked Italian sausage
- 1 tablespoon of finely chopped onion
- 3-ounces of sliced pepperoni



### Directions

1. Preheat your oven to 425°.
2. Set pizza crust on a round baking sheet. Layer on ingredients in the order listed: pizza sauce, mozzarella cheese, Italian sausage, onion, pepperoni, Parmesan cheese.
3. Bake until the crust is golden brown and the cheese is melted and bubbly, about 20-25 minutes.



NOTE: The preparation of all dishes should be carried out with the supervision of an adult.



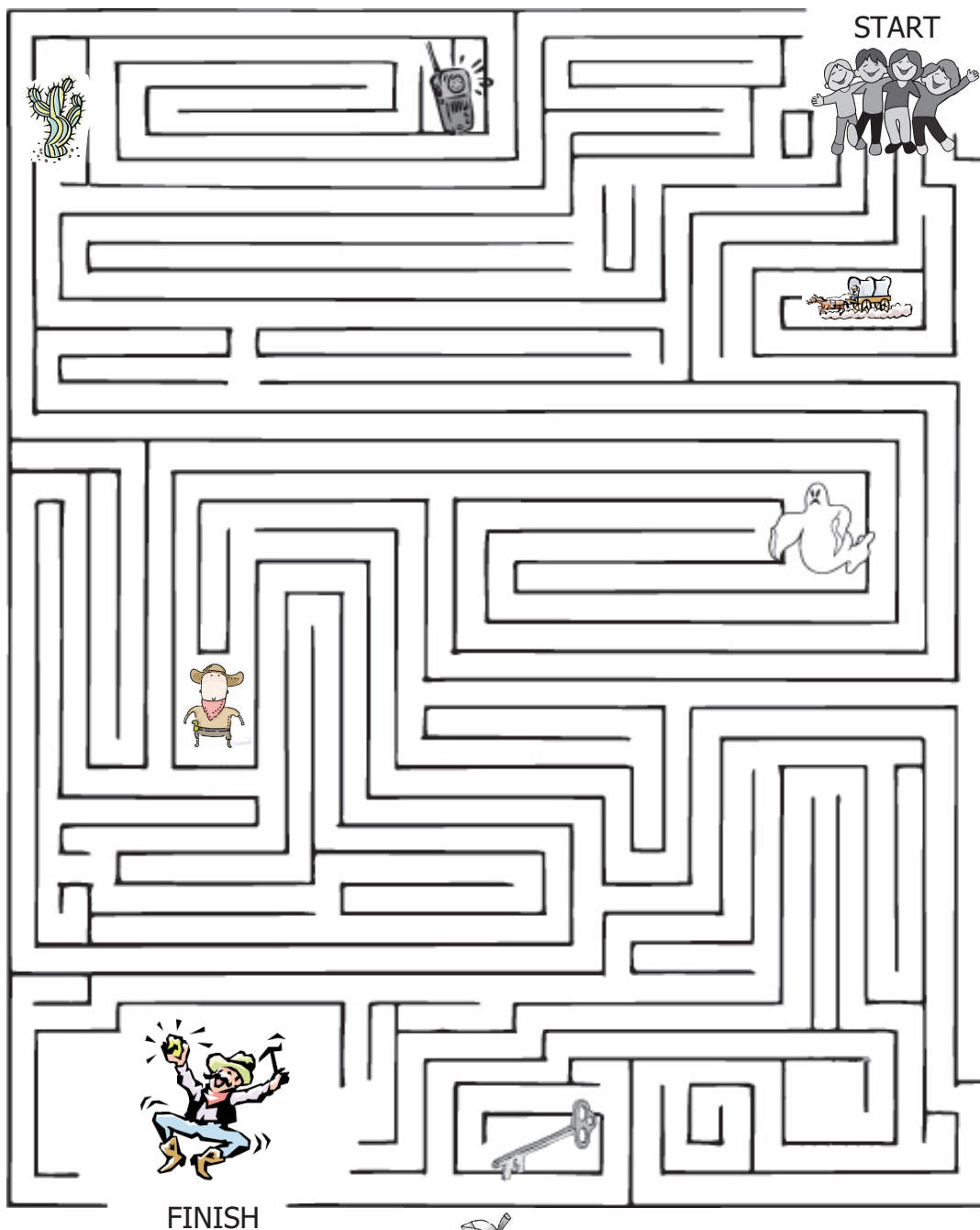
There were no refrigerators in the Old West, so foods had to be stored carefully. Foods like beans, salt beef, hardtack, and rice could be stored for long periods of time without spoiling. Meals were cooked over an open fire, often in a Dutch oven — a large, heavy cast iron pot. Here's what a miner's shopping list might have looked like in the 1800s:

- ❖ Sardines—Small, dried, salty fish!
- ❖ Salt Pork—A staple in the days of the Wild West. The meat was preserved by soaking it in brine, or saltwater, which prevented it from spoiling.
- ❖ Hardtack—A mixture of flour, water, and salt that was baked into something like a very hard cracker.
- ❖ Flour—Used to make biscuits, hardtack, and maybe flapjacks (pancakes).
- ❖ Beans—Have you ever seen a pinto bean before it's been soaked in water? It's hard as a rock and lasts forever!
- ❖ Coffee—You can't get this kind of coffee at Starbucks! Miners often drank their coffee with the grounds and all!
- ❖ Brown Sugar—Used to flavor coffee.
- ❖ Dried Fruit—Most miners would have considered this a rare treat!
- ❖ Molasses—Used to flavor the beans and biscuits.

## The Mystery of the Haunted Ghost Town Maze



Help Christina, Grant, Rosita, and Jorge find their way  
out of the mine. Watch out for ghosts!



## The Mystery of the Haunted Ghost Town Pair Up



Match the words on the left with the correct words on the right!

Ghost



Bumps

Wild

Pool



Native

Town

Mystery

Wrapper



Swimming

Hole

Goose



West

Treasure

Hunter

Black

Girl



Candy

American





## The Mystery of the Haunted Ghost Town Spy Game



*If you're going to be professional snoopers like Christina and Grant, you need to practice figuring out clues. Try this fun activity to sharpen your spying skills!*



1. Write the name of your favorite movie, book, or cartoon character on a 3x5 card.
2. Tape a card to the back of each player. Don't tell other players the names on their cards.
3. Players must figure out who their character is by asking other players questions. Players may only ask "yes" or "no" questions, and they may only ask each player two questions on a turn. The first player to guess his or her character wins!



## The Mystery of the Haunted Ghost Town Scramble



Unscramble the words below to find the places and things Christina and Grant see in San Francisco.

1. UGB

---

2. MAREAC

---

3. USESSLAGSN

---

4. PNE

---

5. RCHENT OTAC

---

6. ORMPUTCE

---

7. PBLLETROUOF VTES

---

8. RAYVERB

---

9. ELCL EHOPN

---

10. RCRORDEE

---



# The Mystery of the Haunted Ghost Town Word Search



Search for the mysteriously hidden words below!

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

GHOST

TOMBSTONE

COWBOY

POISON

COPPER

NAVAJO

STEER

VITTLES

MINE

CACTUS

SCORPION

RANCH

GUNFIGHT

SHINDIG

CULPRIT

GUILTY



# The Mystery of the Haunted Ghost Town

## Fill-in-the-Blank



Fill in the blanks to answer the questions.

1. Navajo people believe this animal is magical:

\_\_\_ O \_\_\_ \_\_\_ E

2. The culprits dumped this in the town's water:

\_\_\_ O \_\_\_ \_\_\_ N

3. Jorge is Rosita's

\_\_\_ \_\_\_ T \_\_\_ \_\_\_

4. The light from this piece of equipment gave the children away:

\_\_\_ \_\_\_ A \_\_\_ H \_\_\_ \_\_\_ \_\_\_

5. This creepy critter creeped out Christina:

\_\_\_ C \_\_\_ \_\_\_ P \_\_\_ \_\_\_

6. This is what the culprits were after:

\_\_\_ \_\_\_ \_\_\_ P \_\_\_ \_\_\_

7. In appreciation for helping solve the mystery,  
the townspeople threw this for the children:

\_\_\_ \_\_\_ \_\_\_ N \_\_\_ \_\_\_ G



## The Mystery of the Haunted Ghost Town Matching Characters



Match these mystery characters with their descriptions!

- |               |  |
|---------------|--|
| 1. Mimi       | a. pilots the Mystery Girl                           |
| 2. Grant      | b. full of information                               |
| 3. Christina  | c. father to two of the mystery-solvers              |
| 4. Papa       | d. a slightly annoying younger brother               |
| 5. Rosita     | e. warns Christina of the danger a coyote symbolizes |
| 6. Jorge      | f. good at solving mysteries                         |
| 7. Manuel     | g. owns a jet-black colt that only he can ride       |
| 8. Navajo Joe | h. is not fond of the desert heat                    |



# The Mystery of the Haunted Ghost Town Quiz



Use the clues to recall some interesting information about  
*The Mystery of the Haunted Ghost Town!*



1. Although she doesn't like the heat, Mimi likes these things about the desert:

---

2. Many famous gunfighters are buried in this historical Tombstone site:

---

3. The real name of China Betty's restaurant:

---

4. While Papa and the children tour the OK Corral, Mimi visits this botanical beauty:

---

5. This Native American "trickster" appears in unusual places in the story:

---

6. Christina and Grant meet up with Rosita and Jorge on their way to this storied building:

---

7. You might find copper—or a swarm of bees—in this Arizona mining town:

---

8. It's a royal tour when Papa and the children tour this mine:

---

9. Christina and the other children sleep under the stars here:

---



# The Mystery of the Haunted Ghost Town

## True or False



Mark each statement true or false.

- \_\_\_\_\_ 1. Mimi is on the trip to research a book she is writing.
- \_\_\_\_\_ 2. Papa often dresses like a cowboy.
- \_\_\_\_\_ 3. Ghost towns are vibrant communities filled with people and businesses.
- \_\_\_\_\_ 4. Dead Eye's face is full of emotion when he speaks.
- \_\_\_\_\_ 5. There is plenty of light in the mine the children explore.
- \_\_\_\_\_ 6. Dr. Perez believes the water in Sunshine Gap may have been poisoned by toxins from abandoned copper mines.
- \_\_\_\_\_ 7. All ranchers' brands look alike.
- \_\_\_\_\_ 8. The children are allowed to take anything they want from the ghost towns.
- \_\_\_\_\_ 9. Navajo artwork is full of colorful patterns and designs.
- \_\_\_\_\_ 10. The people of Sunshine Gap knew there was copper under their city all along.



## Answer Key...



### *The Mystery of the Haunted Ghost Town Activities*



#### Geography: Find It! (pg. 17)

1. 5: Utah, Nevada, California, Colorado, New Mexico
2. Mexico
3. Colorado River
4. wagon, horseback, on foot, train
5. False
6. California

#### Mathematics: Calculate It! (pg. 18)

1. 20
2. \$5.50
3. 5
4. 244 miles; the shortest distance between two points is a straight line. A plane can fly in a straight line to its destination. Cars must follow the road, which dips and curves.
5. 10 years
6. Things get more expensive because the cost of making or producing them increases.
7. Answers may vary.

#### The Mystery of the Haunted Ghost Town Pair Up (pg. 24)

1. c
2. f
3. i
4. h
5. b
6. a
7. g
8. e
9. d

#### The Mystery of the Haunted Ghost Town Spy Scramble (pg. 26)

1. bug
2. camera
3. sunglasses
4. pen
5. trench coat
6. computer
7. bulletproof vest
8. bravery
9. cell phone
10. recorder

#### The Mystery of the Haunted Ghost Town Fill-in-the-Blank (pg. 28)

1. coyote
2. poison
3. brother
4. flashlight
5. scorpion
6. copper
7. shindig

#### The Mystery of the Haunted Ghost Town Matching Characters (pg. 29)

1. h
2. d
3. f
4. a
5. b
6. g
7. c
8. e

#### The Mystery of the Haunted Ghost Town Quiz (pg. 30)

1. sunsets & cacti
2. Boot Hill Cemetery
3. Lazy H Diner
4. World's largest rose tree
5. coyote
6. library
7. Bisbee
8. Queen Mine
9. Eureka Gulch

#### The Mystery of the Haunted Ghost Town True or False (pg. 31)

1. F
2. T
3. F
4. F
5. F
6. T
7. T
8. F
9. F
10. F

