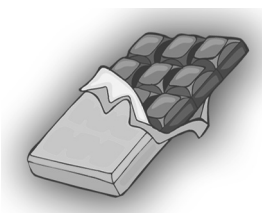
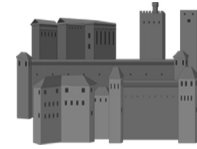


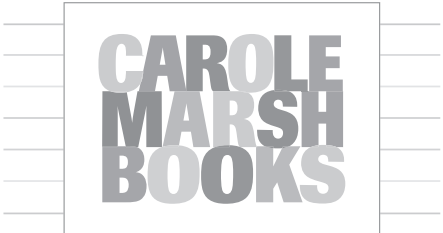


The Mystery in
**CHOCOLATE
TOWN**
Hershey, Pennsylvania



Teacher's Guide
by
Carole Marsh

Editor: Connie Crawley • Art & Design: Colin Tidwell



GALLOPADE
INTERNATIONAL

P.O. Box 2779 • Peachtree City, GA 30269
Tel: (800) 536-2438 • Fax: (800) 871-2979
email: orders@gallopade.com
www.gallopade.com

©2007 Carole Marsh

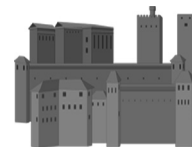
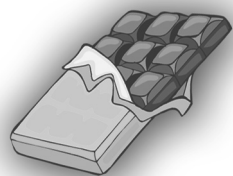
Permission is given to photocopy activity pages (only) for use in the homeschool or classroom this book was purchased for.

All rights reserved. No other part of this book may be reproduced or copied in any form without written permission of the publisher. For information contact Gallopade International/Carole Marsh Books, P.O. Box 2779, Peachtree City, GA 30269.

Carole Marsh Mysteries and its skull colophon are the property of Carole Marsh. All rights reserved.

HERSHEY'S, HERSHEY'S KISSES, CHOCOLATE WORLD, CHOCOLATE TOWN, AND HERSHEY THE SWEETEST PLACE ON EARTH are registered trademarks of the Hershey Chocolate & Confectionary Corporation.

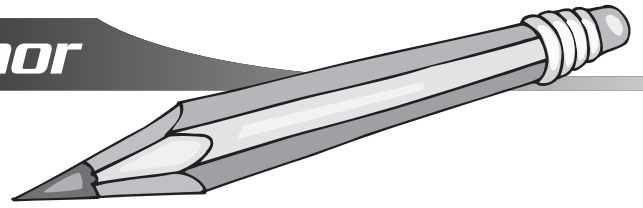
Published by Gallopade International/Carole Marsh Books.
Printed in the United States of America.



- #1 THE MYSTERY OF BILTMORE HOUSE
- #2 THE MYSTERY AT THE BOSTON MARATHON
- #3 THE MYSTERY OF BLACKBEARD THE PIRATE
- #4 THE MYSTERY OF THE ALAMO GHOST
- #5 THE MYSTERY ON THE CALIFORNIA MISSION TRAIL
- #6 THE MYSTERY OF THE CHICAGO DINOSAURS
- #7 THE WHITE HOUSE CHRISTMAS MYSTERY
- #8 THE MYSTERY ON ALASKA'S IDITAROD TRAIL
- #9 THE MYSTERY AT KILL DEVIL HILLS
- #10 THE MYSTERY IN NEW YORK CITY
- #11 THE MYSTERY AT DISNEY WORLD
- #12 THE MYSTERY ON THE UNDERGROUND RAILROAD
- #13 THE MYSTERY IN THE ROCKY MOUNTAINS
- #14 THE MYSTERY ON THE MIGHTY MISSISSIPPI
- #15 THE MYSTERY AT THE KENTUCKY DERBY
- #16 THE GHOST OF THE GRAND CANYON
- #17 THE MYSTERY AT JAMESTOWN
- #18 THE MYSTERY IN CHOCOLATE TOWN, HERSHEY, PENNSYLVANIA
- #19 THE "GOSH AWFUL!" GOLD RUSH MYSTERY



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!

A visit to Hershey, Pennsylvania is a chance to learn about a remarkable man and his remarkable achievements. Born a farm boy in Pennsylvania, Milton Hershey tried and failed at several businesses before succeeding at making caramel candy. By then, he was almost 40 years of age! Talk about perseverance!

Once Milton focused on making chocolate, the rest is history! But Milton was more than a successful businessman, he was also a true philanthropist. He built a “company town,” with schools, stores, and an amusement park. He used his chocolate fortune to build a trade school for orphan boys. There are many lessons for kids to learn by reading about the legacy of Milton Hershey.



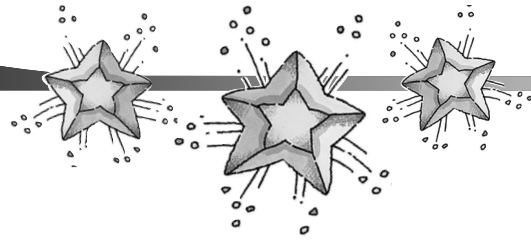
One of the things I like most about writing these kinds of mysteries is helping kids and adults learn together. Reading and going and seeing and doing is what education is all about. And sometimes, “adopting” a subject or place leads to a lifelong interest in an era, a place, or a people.

Enjoy your tasty Hershey chocolate adventure!

Carole Marsh



Table of Contents



Chapter Guide: #1-2	7
Chapter Guide: #2-4	8
Chapter Guide: #4-7	9
Chapter Guide: #7-9	10
Chapter Guide: #10-12	11
Chapter Guide: #12-16	12
Chapter Guide: #16-18	13
Chapter Guide: #18-21	14
Chapter Guide: #21-22	15
Discussion Questions	16
Geography: Find It!	17
Mathematics: Calculate It!	18
English: Write It!	19
Vocabulary: Spell It!	20
Art: Create It!	21
Science: Cook It!	22
Reproducible Maze	23
Reproducible Pair Up	24
Reproducible Board Game	25
Reproducible Clue Scramble	26
Reproducible Word Search	27
Reproducible Fill-in-the-Blank	28
Reproducible Matching Characters	29
Reproducible Quiz	30
Reproducible True or False	31
Answer Key	32





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 way they do about video games 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. And, 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. (For example, Papa and I really did stay at the glamorous Hotel Hershey and went on the Hershey factory tour!)

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,

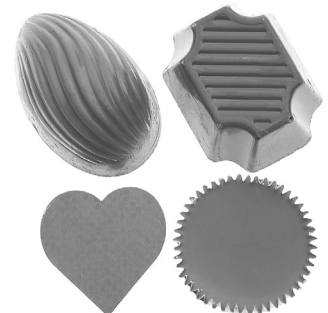
Carole Marsh



Hershey's Candies

Hershey makes so many different kinds of candy that there's something for everyone. Which of these have you tried?

- ❖ Almond Joy candy bar
- ❖ Cadbury chocolates
- ❖ 5th Avenue candy bar
- ❖ Heath toffee bar
- ❖ Hershey's Extra Dark candy bar
- ❖ Hershey's chocolate bar
- ❖ Kit Kat wafer bar
- ❖ Krackel chocolate bar
- ❖ Milk Duds candy
- ❖ Hershey's Miniatures chocolate bars
- ❖ Mounds candy bar
- ❖ Mr. Goodbar chocolate bar
- ❖ PayDay peanut caramel bar
- ❖ Reese's peanut butter cups
- ❖ Rolo caramels
- ❖ Hershey's S'Mores candy bar
- ❖ Hershey's Special Dark chocolates
- ❖ Reese's Pieces
- ❖ York Peppermint Pattie
- ❖ Whoppers malted milk balls
- ❖ Kissables
- ❖ Hershey's Kisses
- ❖ Hershey's Nuggets



Chapter Subject

EXPLORE!

1 Geography

Harrisburg is the capital of Pennsylvania. It is about 105 miles northwest of Philadelphia.

1 Vocabulary

“Rowdy” means noisy and disorderly.

1 Music

“Goodnight Irene” was written in 1886 by Gussie L. Davis, an African-American songwriter from Cincinnati, Ohio. The song was later recorded by many singers including Ledbelly, Johnny Cash, Frank Sinatra, and Raffi. You may have heard the song. The chorus goes like this:
Irene goodnight, Irene goodnight
Goodnight Irene, goodnight Irene
I’ll see you in my dreams



1 Vocabulary

A “wrangler” is someone who looks after horses.

1 Vocabulary

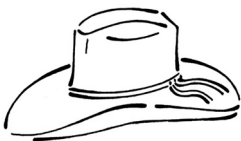
A “factotum” is someone who is hired to do a variety of jobs for someone else.

1 Geography

Hershey, Pennsylvania, The Sweetest Place on Earth, is 14 miles east of Harrisburg. The town was originally named Derry Church, but was renamed in 1906 to honor Milton Hershey’s chocolate. It is sometimes called “Chocolate Town, USA.”

1 History

A Stetson hat is a popular kind of cowboy hat invented by John B. Stetson. The hat has a tall crown that provides a pocket of air to keep the head warm. Its wide brim provides protection from rain and snow.



1 Weather

The term “spitting snow” means a light, wet, sporadic snowfall with little accumulation.

2 Vocabulary

“Opulent” means luxurious, or of a rich and superior quality.

2 Vocabulary

“Mesmerize” means to fascinate, in an almost

Got the Goose Bumps?

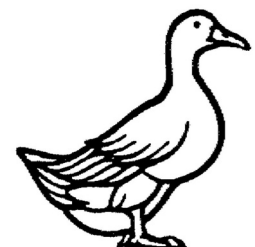
When something creepy happens, do you get the goose bumps? Goose bumps happen when the muscles around your hair follicles contract, causing the body hair to stand up.



Getting the goose bumps is a reflex. Getting the goose bumps is similar to the way the hair of a cat or dog stands on end when it feels threatened. This makes the cat appear larger and can make the predator retreat.

Goose bumps most often occur on the arms, back or legs. It can happen when you are cold or can be a response to fear, anger, or other strong emotions.

Geese do not get the goose bumps since only mammals have the hair follicles associated with goose bumps.

Goose bumps are also called goose flesh, chill bumps, goose pimples, and chicken skin.



- hypnotic way. The word comes from the name of an Austrian doctor, Franz Anton Mesmer, who studied magnetism and hypnotism in the 16th century.
- 2 Inventions  Heelies are shoes with removable roller skate wheels in the heels.
- 2 Language The phrase “no one here except us chickens” is a funny way of describing being totally alone.
- 2 Word Usage The word “intrigue” has more than one meaning. As a noun, it means an interesting or mysterious plot. As a verb, it means to make someone very interested in something.
- 2 Science Mimi says that Christina inherited her mystery genes. Do you think that the trait of loving a mystery is something that is passed on genetically from parent to child like skin or eye color?
- 2 Vocabulary A “finagler” is someone who makes a situation work to his own advantage.
- 3 Language “Doff” is an old English word from the 1300s that was a contraction of the words do off, which meant to take off. Can you guess the opposite of doff? It’s don, the contraction for do on.
- 4 Vocabulary When someone is “flabbergasted,” they are completely astonished.
- 4 Weather A “wintry mix” describes winter weather that can include light snow, rain, sleet, and icy conditions.
- 4 Language The expression “the cat’s pajamas” is a fun phrase from the 1920s that means something is great, wonderful, and truly terrific!
- 4 Science Blushing occurs when the body sends an increased blood supply to the face, ears, and neck during times of anxiety or stress. People blush when they are surprised, embarrassed or angry. Some people blush more than others.
- 4 Language “Shenanigans” are playful tricks and fun-loving behavior.
- 4 Body Language  “Raising an eyebrow” is a way of showing skepticism or disbelief.



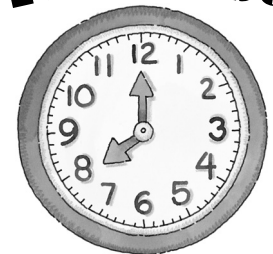
Onomatopoeia

An onomatopoeia (pronounced on'-nuh-mat-uh-pē-a) is a word that imitates the sound that it represents. Examples of onomatopoeia are *hiss, thump, bang* and *oink*.

See if you can think of sound words to go with each of the following:

- ❖ someone eating crackers
- ❖ thunder
- ❖ cow
- ❖ rain
- ❖ wind
- ❖ bell
- ❖ car horn
- ❖ bird
- ❖ telephone
- ❖ glass breaking
- ❖ fire alarm
- ❖ bacon frying
- ❖ bumblebee
- ❖ balloon bursting

Tic Toc





4	Vocabulary	When you “mock” something, you make fun of it.
4	French	“Concierge” is a French word for a person employed by a hotel who provides information and special services to guests.
4	Writing	An onomatopoeia is a “sound word” that imitates the sound that it represents. Examples of onomatopoeia are hiss, buzz, beep, splat and plop.
5	Vocabulary	A “jaunt” is a short trip, usually taken for pleasure.
5	Word Usage	Homophones are words that sound alike but have different meanings. What are the homophones in this text? “Aw, I imagine those guys are still in their room wrapping all those silver dollars in foil. We’ll catch up with them later and foil their plans—whatever their plans are,” said Grant.
5	Writing	The family had a great time tobogganing together. Write about a time that you did something fun with a family member or someone you care about.
6	Body Language	Why did Christina put on her best “isn’t that just awful and boring” face when she wanted to convince Mimi to let Sean and Annabelle go to the museum with them?
6	Vocabulary	To be “skeptical” means to be doubtful.
6	Speculation	Annabelle was skeptical about Christina and Grant discovering a mystery at the hotel. If you had just met Christina and Grant, would you have believed them?
6	Vocabulary	Something that is “preposterous” is unbelievable or unreasonable.
7	Spanish	“Hombre” is a Spanish word for a big, tough man.
7	Body Language	When someone does something “nonchalantly,” they are doing it in a calm and unconcerned way. Why did Sean run his hand over the security guard’s backpack nonchalantly?



Silver Dollar Facts

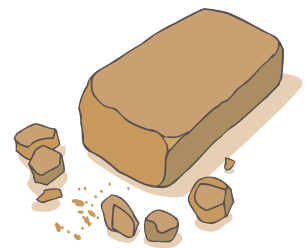
- The term “silver dollar” is used to mean any United States dollar coin made of a white metal.
- Some people insist that a dollar is not silver unless it contains some of that metal. Silver has not been used in silver dollars since 1934.
- Silver dollars, the first United States dollar coins, were minted beginning in 1794.
- The word “dollar” comes from the Spanish word dólar.
- Spanish silver dollar coins minted before the Revolutionary War were called pieces of eight because they were sometimes cut into halves, quarters, and eighths.
- The United States began minting the Sacagawea dollar in 2000. This dollar coin is composed of copper, zinc, manganese, and nickel and has a golden color. Beginning in 2007, presidential dollar coins will be minted and will also have a golden color.




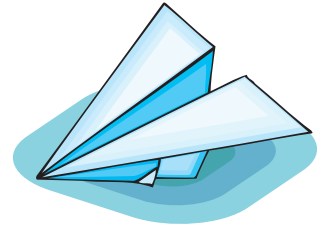
- 7 Body Language When Emmalou glared at the children, she looked at them in an angry or menacing way. Why was Mimi upset that Emmalou glared at the children?
- 7 Character Analysis What do you think of Emmalou? Is she a likeable character? Why is it important that some characters in stories are not likeable?
- 7 Language To give someone the “third degree” means to interrogate, or question, them intensely. The term is derived from the degrees, or levels, within a men’s group called the Masons.
- 7 Vocabulary Hershey Community Archives is a place where public records and historical documents are kept. It has a lot of interesting information about the history of Hershey, Pennsylvania. The Archives is also a great online source of information about the people and places of Hershey.
- 7 Reasoning Why did Mimi go the town archive? What did she do there?
- 8 Transportation A trolley is a like a streetcar, usually run on electricity. 
- 8 Body Language Why did Mimi frown when Grant asked the conductor if he could “drop the kids off someplace fun?”
- 8 Fun & Games Do you recognize these words the conductor says? “I’m sure that they will not pass Go, but Go Directly to Jail...” What game do they come from?
- 9 Language “Spilled his guts” means to tell the truth or confess to something.
- 9 Decision To “fess up” means to confess to something. Do you think the kids should “fess up” to the whole story? Would you?
- 9 Crime  To “pull a print” means to get a fingerprint off of something.
- 9 Education Mimi loved to do things that were educational. Do you like to go to places where you can have fun, but learn something, too?

Kinds of Chocolate

- ▼ White chocolate
- ▼ Semi-sweet chocolate
- ▼ Dark chocolate
- ▼ Sweet chocolate
- ▼ Imitation chocolate
- ▼ Unsweetened chocolate
- ▼ Flavored chocolate (with coffee, mint, orange, strawberry, caramel, etc.)
- ▼ Chocolate with additives such as nuts, raisins, or fruit
- ▼ Organic chocolate



- 10 Writing Each of the kids wanted to do something different at Hershey Chocolate World but Sean suggested a compromise—that they do everything! Write about a time when you and a friend made a compromise.
- 10 Vocabulary “Dubiously” means doubtfully.
- 10 Language “Judge a book by its cover” is an idiom that means to form an opinion about something without taking time to learn about it.
- 10 Irony Emmalou and the security guards think of the children as “highly suspicious kids.” This means that Emmalou and the security guards are suspicious of the kids. This is ironic because the kids are suspicious of Emmalou and the security guard.
- 11 Math 3-D means to have 3 dimensions: height, width, and depth.
- 11 Giving A “philanthropist” is a person who wants to help others through charitable giving.
- 11 Giving When the kids pooled their money to give to the man whose silver dollars were stolen, they were doing a good deed. Think of a good deed that you can do today.
- 11 Animals  A chocolate lab is a brown Labrador retriever dog. Labs are known for being friendly and energetic. They are one of the most popular dog breeds in the United States.
- 12 Candy Hershey’s Kisses have been available since 1907.
- 12 Motivation What did Christina mean when she said, “Failure’s a good place to start?” Did you know that failure is a part of any success?
- 12 Language “Hard knocks” means having a rough time.
- 12 Culture A Mennonite is a member of the Mennonite religion.
- 12 Work Do you think it would be fun to be an apprentice? What kind of apprentice would you like to be?



3D Fun

2-D means having two-dimensions: height and width. Draw an airplane on a piece of paper. Your drawing has height and width, but not depth. You can’t hold **just** the airplane in your hand.



3-D means three-dimensional.

Fold a piece of paper into a paper airplane. Your airplane has height, width, and depth. You can hold it in your hand.

In the not-so-distant past, the illusion of depth in a picture or movie was created with special photography techniques combined with 3-D glasses. You’ve probably worn the special glasses which usually have one red lens and one blue lens. They work by presenting a slightly different image to each eye.

Today, because computers are more powerful than ever before, and scientists know more about how our vision works than ever before, 3-D graphics have become more common and more realistic. 3-D imaging is used in movies, computer games, medical technology, computer art, astronomy, and other areas.



- | | | | |
|----|------------|---|---|
| 12 | Candy |  | A “confectioner” is someone who makes or sells candies or other sweets. |
| 12 | Feelings | | “Intuition” is knowing or believing something without real evidence for it. It’s having a feeling about something. Do you ever listen to your intuition? Should Christina have listened to hers? |
| 13 | Feelings | | When Christina asked Mr. Jasper what he meant about a run on silver dollars, he said, “Nothing that would interest you kids.” Has an adult ever assumed that something wouldn’t interest you when it did? How did that make you feel? |
| 14 | Vocabulary | | Redux” means to have been brought back to its former importance. The chapter title “Chocolate World Redux” is a clue that the chapter will be about the kids’ adventures when they return to Chocolate World. |
| 14 | Work | | An entrepreneur is a person who takes the risk of starting a new business. Would you say that Milton Hershey was a successful entrepreneur? What other famous, or not-so-famous, entrepreneurs can you name? |
| 14 | Work | | Factories use assembly lines to put products together quickly. Each person working on an assembly line has a specific job to do. |
| 15 | Vocabulary | | An “excursion” is a short trip taken for pleasure. |
| 15 | Work | | A factory is a building where goods are manufactured. |
| 15 | Invention |  | A conveyor belt is an endless belt used to carry things from one place to another in a factory. You may have seen conveyer belts in airports and grocery stores. Some restaurants even deliver food on conveyer belts! Make a list of other places you’ve seen conveyor belts being used. |
| 16 | Vocabulary | | Something that is “audacious” is bold or daring. |
| 16 | Feelings | | How did the children feel when the policeman wanted to speak with them? How would you have felt? |

Fascinating Philanthropy

A philanthropist is someone who gives of his or her time, money, or effort to help others. The words time, talent, and treasure are often used to describe these ways of giving. Although the word “philanthropist” was once more commonly applied to someone who gives large amounts of money to charity, true giving takes many forms.

Famous Philanthropists

and some of the ways they have helped others:



Time: Mother Theresa worked with the poor and sick people of Calcutta for almost 40 years.

Talent: President Jimmy Carter works with Habitat for Humanity to build houses for needy people.

Treasure: Oprah Winfrey donated over \$40 million to build the Oprah Winfrey Leadership Academy for Girls in South Africa.

How can you be a philanthropist? Easy! All you have to do is give of your time, talent, or treasure to help others! List three ways that you can help people in your home, school, or neighborhood.



- 16 Vocabulary To do something “dutifully” means to fulfill an obligation. The word implies that it is done with little enthusiasm.
- 17 Names There really are people with the last name of “Chocolate.” Do you know anyone by that last name? Do you think it would be fun to have Chocolate as your last name?
- 17 Character Analysis What do you think of Officer Chocolate? Do you trust him? Why or why not?
- 18 Culture Grant thinks that museums are “dark and cold and boring.” Is he right? What museums have you visited? What did you like best?
- 18 Vocabulary An artifact is a human-made object of cultural interest.
- 18 Speculation Why are the silver dollars attracting suspicion?
- 18 Animals Hershey Zoo started with a gift of 12 prairie dogs in 1905.
- 18 Work A time card is used by workers to “punch in” and “punch out” of their job. A clock records the time they worked on the card.
- 18 Work  The kids put on factory uniforms. What jobs can you think of that require the workers to wear uniforms? Make a list.
- 18 Work When a workplace is automated, human labor is replaced by machines. Why did Annabelle hope that factories are more automated today?
- 18 Vocabulary An “initiation” is a ceremony, sometimes a secret ceremony, which is performed to admit someone to a special group.
- 18 Math Sometimes the temperature in the chocolate factory reached 130 degrees. A typical room temperature is about 70 degrees. How much hotter was the factory than a modern room temperature?
- 18 Writing  Do you think it would be fun to work in a chocolate factory? Why or why not?

Here's A Kiss!

Did you know.....

The name “Kiss” probably comes from the chocolate-making term for a dab of chocolate.


The “plume,” or paper that sticks out of the foil wrapping of a Hershey's Kiss, is a company trademark and shows that the candy is a genuine Hershey's Kiss and not an imitation.

Hershey's Kiss foil wrappers were only silver until 1962, when red and green wrappers were introduced. In 1968, pastel pink, green, and blue wrappers were created for the Easter season. In 1986, red wrappers were introduced for Valentine's Day.

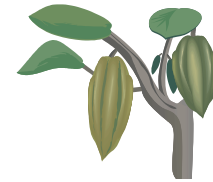
Some Hershey's Kiss flavors include:

- ❖ Milk chocolate
- ❖ Strawberry crème
- ❖ Rich dark chocolate
- ❖ Orange crème
- ❖ Milk chocolate with almonds
- ❖ Caramel filled
- ❖ Peanut butter filled
- ❖ Hugs (a mixture of white chocolate and milk chocolate)
- ❖ Milk chocolate and vanilla
- ❖ Double Fudge



- 18 Vocabulary “Vamoose” means to leave in a hurry!
- 19 Speculation What do you think would have happened if the kids hadn’t found an open door and escaped?
- 19 Vocabulary “Well versed” means thoroughly trained and knowledgeable.
- 19 Fun & Games Have you ever played tic tac toe? The popular game is called “Xs and Os” in the United Kingdom, “Boxin’OXen” in Southern Ireland and “Noughts and Crosses” in Australia.
- 
- 19 Manners Why was the conductor reluctant to take the children to Mr. Daniels’ house?
- 19 Transportation Buses, trolleys, and other forms of public transportation travel a certain route each day. The route stays the same day after day so that it is predictable for passengers. Do you take the same route to school every day? Why?
- 19 Vocabulary When Christina wondered if Grant had “consumed” too much chocolate, she wondered if he’d eaten too much.
- 19 Meaning What did Christina mean when she asked if Mr. Daniels could be his own thief?
- 20 Word Usage The word “scoffed” has several meanings. It can mean to be scornful of something. It can also mean to grab something hungrily. Which meaning did the author use when she wrote, “Papa scoffed up another handful of Hershey’s Kisses?”
- 20 Feelings Why don’t the kids have much of an appetite at the chocolate tea?
- 20 Language “Fighting words” are words that make someone angry. Do you think Grant and Christina would really want to fight because Sean suggested they weren’t good mystery-solvers?
- 21 Vocabulary An “inquisition” is intense or harsh questioning.
- 21 Vocabulary “Rancid” is a bad odor or smell coming from a spoiled oily product.

Steps To Make Chocolate



1. Cocoa trees grow pods.
2. The pods are picked by hand. Each pod contains 20-40 cacao beans.
3. Beans are removed from the pods and allowed to ferment for about a week.
4. The beans are taken to a chocolate factory, cleaned, and stored.
5. The cacao beans are roasted at high temperatures.
6. A hulling machine separates the shell from the nib. The nib is the inside part of the bean that is used to make chocolate.
7. Nibs are milled (ground). Milling turns the nibs into a liquid called chocolate liquor. Chocolate liquor does not contain alcohol.
8. The chocolate liquor hardens as it cools. This is the basic ingredient of all chocolate products!
9. Cocoa butter and sugar are added to the chocolate liquor.
10. The chocolate liquor mixture is refined by grinding it between steel rollers.
11. The mixture is poured into conches, huge vats where granite rollers smooth the chocolate.
12. The paste is gradually cooled into the right texture and consistency.
13. The paste is poured into molds, and chilled.
14. Finally, the chocolate is wrapped and ready to eat!



- 21 Word Usage The word “civil” means having to do with citizens. It also means to be polite but in a cold and formal way. When Officer Chocolate says, “Let’s keep civil, now,” which meaning of the word is he using?

 - 22 Vocabulary A “ruckus” is a noisy disturbance.

 - 22 Medical Alzheimer’s disease affects the brain. It can cause forgetfulness and often affects language and decision-making. It occurs most often in elderly people. The cause of Alzheimer’s disease is unknown.

 - 22 Medical An AED heart defibrillator is a medical device that delivers a shock to the heart if it is not pumping correctly. AED stands for Automated External Defibrillator. AEDs are relatively small and easy to carry. Keep your eyes open and you may see signs notifying people of AEDs in public places such as schools and ball fields.
-
- 22 Crime The phrase “false pretenses” means to have done something by trickery or manipulation. It is often illegal to take something under false pretenses.

 - 22 Feeling Being “jubilant” means feeling great joy—particularly over a success or achievement. Why was Mr. Daniels jubilant?

Be sure to visit us at
www.carolemarshmysteries.com for more
 exciting adventures!



Hershey Zoo

The Hershey Zoo started with Franz and Louise Zinner. The Zinners moved to Pennsylvania from Germany in 1899. They became good friends with their new neighbors. Before long, though, their neighbors moved from Pennsylvania to the western United States. In 1905, they sent the Zinners a gift — twelve prairie dogs!

Franz Zinner knew that Milton Hershey was having a new park built in Hershey, so he asked him if the prairie dogs could become a park attraction.

Not long afterwards, the Zinners received another gift from their old neighbors. This time it was a bear cub! Again, Mr. Zinner asked Mr. Hershey if he would let the animal live at the park. A zoo was born and Franz Zinner became the zookeeper!

From the time it first opened, until 1942, the zoo acquired many animals. Birds, elephants, buffalo, orangutans, lions, penguins, monkeys, crocodiles and poisonous snakes were favorites. But in 1942, with many zoo workers leaving for military service in World War II, the zoo was closed and the animals were sold to other zoos.

In 1950, the zoo reopened. It closed again in 1971 but reopened in 1978 as ZooAmerica.

Discussion Questions

1. Grant eavesdropped on the security guards. Is it ok to eavesdrop? Are there certain situations in which it's ok?
2. The kids in this story make friends easily. Christina started a conversation with Annabelle and Sean asked if he could sled with them. Saying "hi" and asking to join in are great ways to meet people. What are some other things you can do to make friends?
3. Why did Christina ask Papa if Annabelle and Sean could go the Chocolate Museum with them after she had already asked Mimi? Christina knew it was a good idea to get permission from both of her grandparents. Do you agree? Have you ever asked permission from one person and still "cleared it" with someone else?
4. Have you ever heard the old saying "If at first you don't succeed, try, try again!" How does this saying relate to the story? Do you think it is good advice?
5. Instead of exploring Hershey with the kids, Mimi went to the Hershey Community Archives to do research for her book. Do you think she would have enjoyed visiting Hershey's Chocolate World and the Hershey Museum? Do you think that her decision to do research instead of sightseeing was easy or difficult? Have you ever had make this kind of a decision? What did you decide?
6. Which characters were philanthropists in this story? What did each of these characters do that was philanthropic?
7. Hershey's Chocolate Factory is an enormous place. Do you think it would be better to be a chocolate maker at the Hershey factory or to make chocolate in a small shop? Why?

Cacao, Cocoa, Chocolate, and Carob

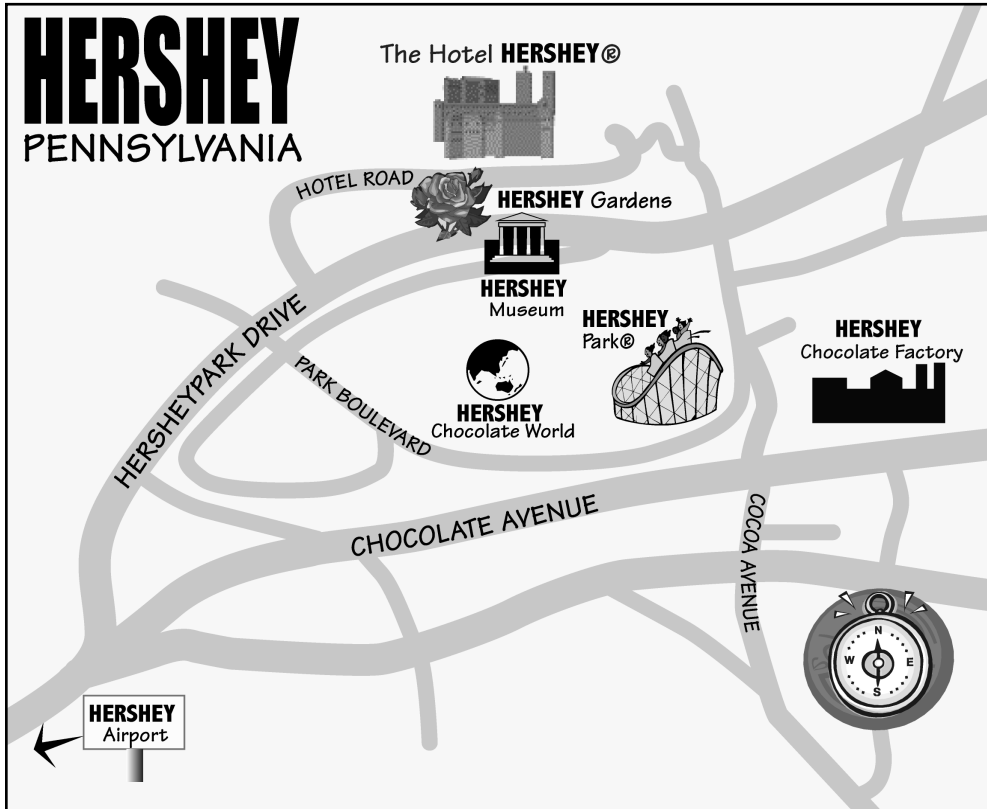
What's In A Name?

The words cacao, cocoa, chocolate, and carob are often confused. What do these words really mean?

- ❖ Cacao trees grow naturally close to the equator. Cacao pods grow on the trees. The word cacao refers to the beans in the pods. In some countries, the word "cocoa" is used instead of "cacao."
- ❖ Cocoa is a chocolate product produced by removing most of the fat from chocolate liquor and crushing the remaining material into a powder. It is an ingredient in many recipes.
- ❖ Cocoa butter is the vegetable fat from cacao beans. It can be used as a base for creams and cosmetics.
- ❖ Chocolate is a type of food made from the cacao bean.
- ❖ Carob is made from the fruit of a Mediterranean evergreen tree. It is not chocolate but its taste is similar. The texture and smell of carob is very different from chocolate.



Geography: Find it!



- Hershey's Chocolate World is _____ of Hotel Hershey.
- Which attraction is west of Hersheypark on Hersheypark Drive?

- What direction is Hotel Hershey from Hershey Museum?

- Hershey's Chocolate Factory is _____ of Hershey's Chocolate World.
- What attraction is between Hotel Hershey and the Hershey Museum?

- Cocoa Avenue runs approximately _____ to _____.
- Chocolate Avenue runs approximately _____ to _____.



Chocolate Books

Charlie and the Chocolate Factory
by Roald Dahl

Charlie and the Great Glass Elevator
by Roald Dahl

The Chocolate War
by Robert Cormier

The Chocolate Touch
by Patrick Skene Catling
and Margo Apple

Chocolate Fever
by Robert Kimmel Smith
and Gioia Fiammenghi

The Chocolate Sunday Mystery
(Boxcar Children)
by Gertrude Chandler

The True History of Chocolate
by Sophie D. Coe and
Michael D. Coe

Chocolate Chip Cookie Murder:
A Hannah Swensen Mystery
by Joanne Fluke

A Chocolate Moose for Dinner
(Stories to Go!)
by Fred Gwynne

The Chocolate-Covered Cookie Tantrum
by Deborah Blumenthal
and Harvey Stevenson

The Story of Chocolate
by C. J. Polin and
Caryn Jenner

1. The candy basket that was put in the suite for the kids' midnight snack held 10 pieces of candy and 8 pieces of fruit. If Grant ate 3 pieces of candy and Christina ate a banana, how many items were left in the basket?



2. Mr. Daniels had stacks of silver dollars in his house. Eight silver dollars stack up to about an inch in height. If you had a stack of silver dollars that was 10 inches tall, how much money would be in the stack?



3. Mr. Daniels said that he had \$9,000,000 in his house. If he divided the money equally among the 9 rooms of his house, how much money would be stacked in each room?

4. Christina made a lot of guesses about how much money Mr. Daniels was going to give. Put the amounts she guessed in order from least to most:
- \$9,000,000.00 \$900.00 \$9,000.00
- _____

5. If a Spanish silver dollar was cut into 8 pieces, and you had 6 of the pieces, what fraction tells how much of the dollar you had? What is the fraction in lowest terms?

6. Have you ever heard this cheer?
- Two bits!
Four bits!
Six bits!
A dollar!
All for our team,
Stand up and holler!



A "bit" is a name for $\frac{1}{8}$ of a silver dollar. So "two bits" is another name for $\frac{2}{8}$, which reduces to $\frac{1}{4}$. In today's terms, what do we call $\frac{1}{4}$ of a dollar? _____ cents

7. How much is 4 bits worth? _____ cents
8. How much is 6 bits worth? _____ cents



A Trolley By Golly

Trolley History

A trolley is a type of streetcar. The first trolleys were pulled by a horse in New York City in 1834. New Orleans implemented a trolley system in 1835. Both systems ran on rails that had been placed on the street, often causing pedestrians to trip. In 1852, rails were buried to reduce accidents.

In 1888 trolleys started to use a different source of power. They used a "trolley pole" to gather power from an overhead wire to power the trolley.

The Hershey Trolleys

Trolleys were an important part of Milton Hershey's plan for the town. He planned to use them to bring both milk and workers to the factory. He wanted students to ride trolleys to school. Regular trolley service began in Hershey in 1904.

During the 1930s, the passenger trolleys were converted to carry building materials for the construction of Hotel Hershey. In 1939, bus service replaced the trolley system.

Hershey Trolley Works opened in 1995. The attraction features a narrated trolley ride with singing conductors!



English: Write It!

1. Slowly eat a piece of chocolate candy. Write down all the describing words that come to mind as you eat it. How does the candy taste? Feel? Look? Smell?
2. Make a list of all the chocolate foods that you can think of.
3. Imagine that you are a famous chocolate maker and have invented a new kind of candy. Write your own newspaper headline and article about your new candy.

4. Papa's business card said:



PAPA
Trail Boss

Carole Marsh Mysteries
Rocking Chair Ranch
Peachtree City, Georgia
555-267-7626 (555-BOSS MAN)

Officer Chocolate's card said:

Design your own business card that tells something about you. Make sure you include a graphic.



OFFICER CHARLES CHOCOLATE
HERSHEY POLICE DEPARTMENT

5. Travel brochures are designed to make people want to visit a place. The kids visited many interesting places in Hershey. Make a travel brochure for Hershey, Pennsylvania that tells about some of the places the kids visited.
6. Haiku is a form of Japanese poetry. Haiku poems have 3 lines. The first line contains 5 syllables. The next line contains 7 syllables, and the last line contains 5 syllables. Here is an example of a haiku poem:

Hershey. A fun town.
Friends eating, playing, laughing.
Sweetest Place on Earth.

Write your own haiku poem about chocolate.

A Hershey Travel Guide

What's there to do in Hershey, Pennsylvania? The answer is... lots!

Which of these attractions did the kids visit? Which would you like to visit?

- ❖ Hershey's Chocolate World
- ❖ ZooAmerica
- ❖ Hershey Museum
- ❖ Hershey Park
- ❖ Hershey Spa - with chocolate baths, chocolate wraps, and a cocoa massage
- ❖ Hershey Garden
- ❖ Hershey Theatre
- ❖ Antique Auto Museum
- ❖ Hershey Trolley Works
- ❖ Shopping
- ❖ Movies
- ❖ Hershey Bears Hockey Team
- ❖ Horseback riding
- ❖ Golf
- ❖ State parks



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! Check your work in the dictionary and write its definition on a separate piece of paper.

museum

pajamas

chocolate

dribble

newspaper

silver dollar

uniform

conductor

hotel

vault

factory

bucket

cocoa

foil

Hershey

Pennsylvania

guard

donation

scholarship

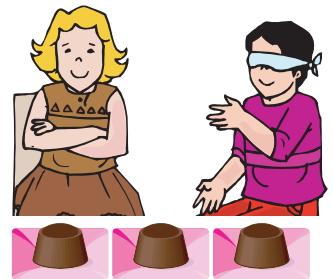
million

trouble

delicious

Be a chocolate taster!

Try a triangular taste test. Put on a blindfold and have your friend give you three very small pieces of chocolate. Two of the pieces should be the same kind. One piece should be a different kind. Taste each one and see if you can tell which two are the same. If you can, you might have a career as a professional chocolate taster!



1. Make your own Hershey's Kiss! Write a message on a narrow piece of paper. Form tissue paper into a kiss shape. Put the tissue paper on a piece of foil. Wrap the foil around the kiss shape. Put the plume in the top and twist the foil around it just like a real kiss!
2. Draw a picture of these idioms:
 - ✍ Cat's pajamas
 - ✍ alike as two peas in a pod
 - ✍ couch potato
3. What could be more fun than making a chocolate sculpture? You can even eat as you work! Here's a recipe for chocolate clay:

You will need:

- 10 ounces of chocolate chips
- 1/3 cup of light corn syrup
- wax paper

1. Melt the chocolate in a microwave oven for 1 minute. Stir. If the chocolate is not completely melted, microwave for 30 more seconds. Stir. Return to microwave if necessary. Stir until smooth.
2. When the chocolate is melted, blend in the corn syrup.
3. Pour the mixture onto a waxed paper sheet.
4. Spread the chocolate to about 1/2-inch thick. Cover loosely with waxed paper and let it stiffen for several hours or overnight. The chocolate clay will be about the consistency of modeling clay. After a few days, your sculpture will harden. Do not eat old clay!

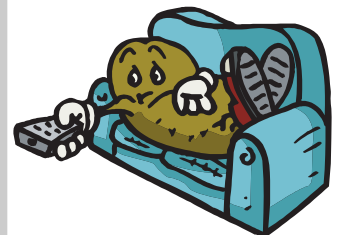


4. The trolley conductor said the town was "built on chocolate." Imagine how a town built on chocolate would look. Sketch or paint a picture of it.
5. Have you ever painted with pudding? Chocolate pudding makes great finger paint. Of course, you can use a brush, too! Add other flavors to make your painting more interesting (and delicious).

Idioms are Fun!

Introduce these idioms to your students. See if they know what they mean!

- ◆ Call it a day
- ◆ Catch some Zs
- ◆ Can't make heads or tails of something
- ◆ Make a mountain out of a molehill
- ◆ It's raining cats and dogs
- ◆ Read someone's mind
- ◆ Rub someone the wrong way
- ◆ Rain or shine
- ◆ Tight-fisted
- ◆ Take it easy
- ◆ Two-faced
- ◆ Chow down
- ◆ Costs an arm and a leg
- ◆ Cool it!
- ◆ Couch potato
- ◆ Crash course
- ◆ Jump the gun
- ◆ Under the weather
- ◆ Keep an eye on
- ◆ Keep your fingers crossed
- ◆ Have your hands full
- ◆ Hit the sack



Science: Cook It!

In creating this delicious treat, you'll turn a solid into a liquid. Then you'll combine the liquid with another ingredient to form a semi-solid. Last, you'll see how a low temperature can help a material solidify.

Mimi's Mud Pie

Serves 6

Ingredients

- 1 8 oz. tub whipped topping (like Cool Whip) thawed*
- 1 chocolate candy bar*
- 1 chocolate cookie crumb pie crust*

Directions

- 1. Heat chocolate bar in medium-sized bowl in microwave just until melted (about 20 seconds)*
- 2. Fold half of whipped topping into chocolate. Blend.*
- 3. Pour into pie crust, then top with the rest of the whipped topping.*
- 4. Cover. Chill for 2 hours.*
- 5. Enjoy!*



Chocolate in Bloom

If you've ever saved your Halloween candy for several months, you might have seen "chocolate bloom." This is the white film that sometimes forms on chocolate.

Sometimes people think this means that the chocolate is spoiled. Not so! Bloom happens when chocolate is kept at a temperature of over 70 degrees. Some of the cocoa butter in the chocolate separates and goes to the surface of the chocolate. Then, when the temperature falls, the cocoa butter forms the white film on the chocolate.

Blooming chocolate may not be as smooth as it should be—but it tastes just as good!



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



The Mystery in Chocolate Town Maze



Help Christina, Grant, Annabelle, and Sean find their way out of the Chocolate Factory. Watch out for crooked security guards!



START

FINISH

The Mystery in Chocolate Town Pair Up



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



- | | |
|--------------|------------|
| 1. BUSINESS | A. CREAM |
| 2. SECURITY | B. GUARD |
| 3. CHOCOLATE | C. TEA |
| 4. FOIL | D. COCOA |
| 5. MILTON | E. CARD |
| 6. KIT | F. DOLLAR |
| 7. HOT | G. KAT |
| 8. SILVER | H. LINE |
| 9. ASSEMBLY | I. HERSHEY |
| 10. WHIPPED | J. WRAPPER |



The Mystery in Chocolate Town Board Game

The Great Chocolate Race



Make a game about making chocolate. Write the following information on cards. Make sure to number each card. Draw a simple illustration on each card, or on as many as you want. Then lay cards out in a winding path.

1. Start.
2. Pick the cocoa pods.
3. A hungry anaconda chases you. Go back to start.
4. Remove beans from pods.
5. Clean the beans.
6. Take beans to chocolate factory.
7. Lost your beans. Go back 3 spaces.
8. Roast the beans.
9. Oops! Almost burned your fingers! Go back 2 spaces.
10. Take nib out of shell.
11. Forgot was a nib is. Go back 1 space.
12. Mill the nibs.
13. Sit and watch chocolate harden.
14. Took a bite of unsweetened chocolate. Go back 2 spaces.
15. Add cocoa butter.
16. Oops! Got cocoa butter fingers and broke the bowl. Go back 4 spaces.
17. Add sugar.
18. Did NOT sneak a taste. Go forward 1 space.
19. Refine the chocolate by grinding it through steel rollers.
20. Pour the mixture into a conch.
21. Spilled some. Go back 4 spaces.
22. Temper the chocolate (let it cool).
23. Pour into molds.
24. Didn't get any on your clothes! Go forward 1 space.
25. Chill the chocolate.
26. Wrap it and send it to the store!
27. Finish!

To play, each person will need a candy playing piece, like an M&M. Roll the die to see who goes first. Take turns rolling a die and moving a piece the correct number of spaces. The first one to reach the finish card is the winner!



The Mystery in Chocolate Town Clue Scramble



Unscramble the words below to find the mystery clues!

1. Y E K O L H E _____
2. P R O E A V D E S _____
3. V E R I L S R O L L D A _____
4. O F I L _____
5. D R A G U _____
6. C A B K C A P K _____
7. T R A N G _____
8. Y O F C R A T _____
9. N A B K _____
10. V O M G I N N A V _____



The Mystery in Chocolate Town Word Search



Search for the mysteriously hidden words below!

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

HERSHEY

SILVER DOLLAR

CONVEYOR BELT

TROLLEY

PENNSYLVANIA

CANDY

HOTEL

ARCHIVE

CHOCOLATE

COCOA

THIEF

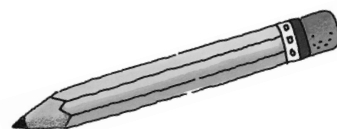
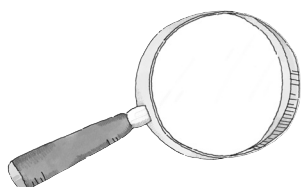
FINGERPRINT

MUSEUM

TOBOGGAN

KISS

PHILANTHROPIST



The Mystery in Chocolate Town ***Fill-in-the-Blank***



Fill in the blanks to answer the questions.

1. The name of the bank manager:
__ R. __ __ S __ __ R

2. What the kids wore in the Factory Works:
__ __ __ F __ R __ S

3. Hershey is in this state:
__ __ N N __ Y __ __ __ __ I A

4. The type of transportation the kids used in Hershey:
__ __ O __ __ E __

5. What Emmalou Liberty turned out to be:
D __ T __ C __ __ V __

6. What the bank teller turned out to be:
T __ I E __



The Mystery in Chocolate Town Matching Characters



Match these mystery characters with their descriptions!

- | | |
|--------------------|--|
| 1. Mimi | A. Takes her job seriously and never smiles |
| 2. Grant | B. Found silver dollars wrapped in foil under the table |
| 3. Christina | C. Loves to solve mysteries with her brother |
| 4. Papa | D. Spelled his name for the kids |
| 5. Annabelle | E. Jokes with and teases his grandkids |
| 6. Sean | F. Visiting Hershey with her dad who sells chocolate-making products |
| 7. Emmalou Liberty | G. Wears red suits |
| 8. Mr. Henry | H. Retired from the chocolate factory |



The Mystery in Chocolate Town Quiz

Use the clues to recall some interesting information about Chocolate Town.

1. Hershey is in the state of:

2. The city where the *Mystery Girl* landed:

3. What the thieves wrapped the money in:

4. The name of the hotel where they stayed:

5. Where Mimi had an appointment:

6. What chocolate is made from:

7. The special ingredient that Milton Hershey added to his chocolate:

8. What Milton Hershey made before he made chocolate:



The Mystery in Chocolate Town True or False



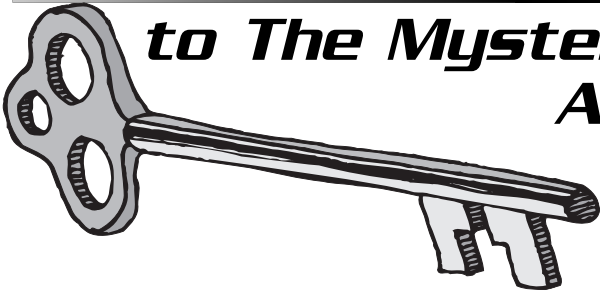
Mark each statement true or false.

- _____ 1. The kids looked for the missing silver dollars at the zoo.
- _____ 2. Milton Hershey was successful in everything he ever did.
- _____ 3. Grant watched the security guards through a keyhole.
- _____ 4. Mimi, Papa, and the kids had a pillow fight at the hotel.
- _____ 5. The Hershey Museum used to be a skating rink.
- _____ 6. Mr. Daniels stole the silver dollars.
- _____ 7. Hershey, Pennsylvania's nickname is "The Chocolatest Place on Earth."
- _____ 8. Officer Chocolate found the missing silver dollars.
- _____ 9. Mr. Daniels had saved about \$900 for a scholarship.
- _____ 10. The kids loved the Really Big 3-D Show!



Answer Key...

to The Mystery in Chocolate Town Activities



Geography Questions:

1. south;
2. Hershey Museum;
3. north;
4. east;
5. Hershey Gardens;
6. north to south (or south to north);
7. east to west (or west to east)

Mathematics Activities:

1. 14 ;
2. \$80;
3. \$1,000,000;
4. \$900.00, \$9,000.00, \$9,000,000.00;
5. 6/8; 3/4
6. 25
7. 50
8. 75

The Mystery in Chocolate Town Pair Up:

1. business card;
2. security guard;
3. chocolate tea;
4. foil wrapper;
5. Milton Hershey
6. Kit Kat;
7. hot cocoa;
8. silver dollar;
9. assembly line;
10. whipped cream

The Mystery in Chocolate Town Clue Scramble:

1. keyhole;
2. eavesdrop;
3. silver dollar;
4. foil;
5. guard
6. backpack;
7. Grant;
8. factory;
9. bank;
10. moving van

The Mystery in Chocolate Town Fill-in-the-Blank:

1. Mr. Jasper;
2. uniforms;
3. Pennsylvania
4. trolley ;
5. detective;
6. thief

The Mystery in Chocolate Town Matching Characters:

1. G;
2. B;
3. C;
4. E;
5. F;
6. D;
7. A;
8. H

The Mystery in Chocolate Town Quiz:

1. Pennsylvania;
2. Harrisburg;
3. foil;
4. Hotel Hershey;
5. Hershey Community Archives;
6. cacao beans;
7. milk;
8. caramel

The Mystery in Chocolate Town True or False?

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

