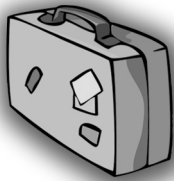




*The Mystery at*  
**Mount  
Rushmore**



**Teacher's Guide**  
by  
**Carole Marsh**

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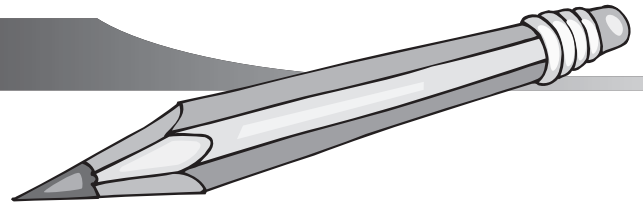
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## A Word from the Author



**Dear Teachers,**

Mount Rushmore is America. One glance at the carving, and images of eagles, the Statue of Liberty, and red, white, and blue flood your mind! What started as a mountain in-the-middle-of-nowhere South Dakota has become one of the greatest icons in America!

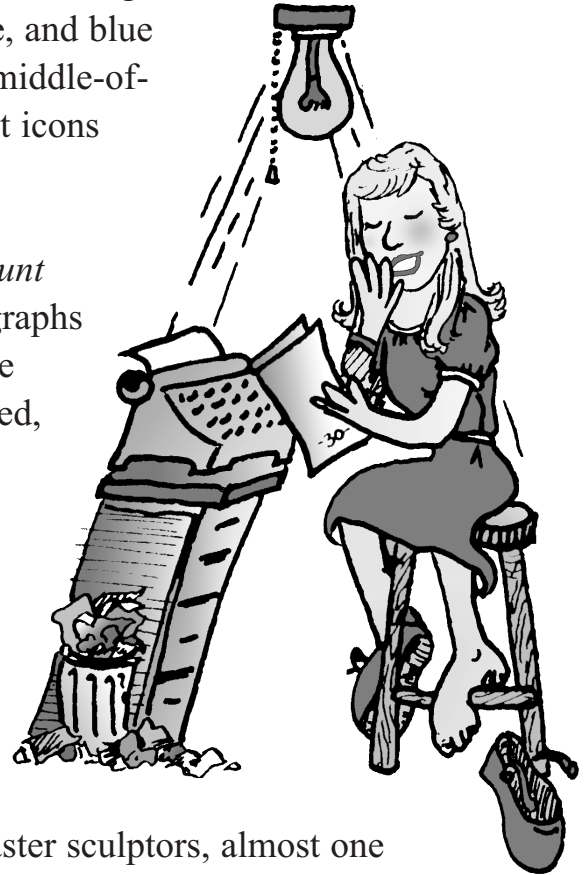
Before I began research for *The Mystery at Mount Rushmore*, all I could picture were the famous photographs of the four stoic grey faces with a crisp blue sky in the background. I wanted to learn more! Like Grant asked, why would someone want to carve faces into a mountain? As I researched, I learned that Mount Rushmore is more than a national monument. It's an incredible feat of American ingenuity!

Guzton Borglum dreamed big—to say the least—and devoted his whole life to creating this dream. Amazingly, not one worker died carving the mountain. After almost 20 years of work, two master sculptors, almost one million dollars, and countless hours spent scraping, chiseling, and blasting, a once normal mountain became a national monument.

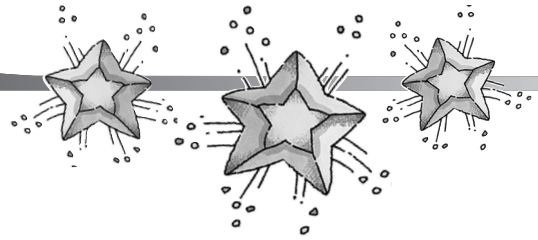
Now when I see Mount Rushmore, I begin to realize why one man would spend his whole life on such a project. It's permanent. No matter what happens in the world, America has left its mark—forever! So take your students on a journey with Grant and Christina through South Dakota. Travel through open prairies, rolling hills, jagged mountains, and end up at a place you will absolutely never forget—Mount Rushmore!

Enjoy your adventure,

*Carole Marsh*



# Table of Contents



<b>Page-by-Page Guide</b> .....	<b>4</b>
<b>Page-by-Page Guide</b> .....	<b>5</b>
<b>Page-by-Page Guide</b> .....	<b>6</b>
<b>Page-by-Page Guide</b> .....	<b>7</b>
<b>Page-by-Page Guide</b> .....	<b>8</b>
<b>Page-by-Page Guide</b> .....	<b>9</b>
<b>Page-by-Page Guide</b> .....	<b>10</b>
<b>Page-by-Page Guide</b> .....	<b>11</b>
<b>Page-by-Page Guide</b> .....	<b>12</b>
<b>Discussion Questions</b> .....	<b>13</b>
<b>Geography: Find It!</b> .....	<b>14</b>
<b>Mathematics: Calculate It!</b> .....	<b>15</b>
<b>English: Write It!</b> .....	<b>16</b>
<b>Vocabulary: Use It!</b> .....	<b>17</b>
<b>Art: Create It!</b> .....	<b>18</b>
<b>Science: Cook It!</b> .....	<b>19</b>
<b>Trivia Game</b> .....	<b>20</b>
<b>Word Search</b> .....	<b>21</b>
<b>Chapters 1-4 Worksheet</b> .....	<b>22</b>
<b>Chapters 5-8 Worksheet</b> .....	<b>23</b>
<b>Chapters 9-12 Worksheet</b> .....	<b>24</b>
<b>Chapters 13- 16 Worksheet</b> .....	<b>25</b>
<b>Chapters 17-19 Worksheet</b> .....	<b>26</b>
<b>Chapters 20-22 Worksheet</b> .....	<b>27</b>
<b>Vocabulary End-of-Unit Quiz</b> .....	<b>28</b>
<b>Matching Characters End-of-Unit Quiz</b> .....	<b>29</b>
<b>Fill-in-the-Blank End-of-Unit Quiz</b> .....	<b>30</b>
<b>True or False End-of-Unit Quiz</b> .....	<b>31</b>
<b>Answer Key</b> .....	<b>32</b>

# Page-by-Page Guide

<i>Page #</i>	<i>Subject</i>	<b><u>EXPLORE!</u></b>
12	Geography	Christina sees black mountains towering in the distance out her backseat window. These mountains aren't actually black, they are covered with a dense layer of evergreen trees. From far away, the deep green trees make the mountains look black. What is an evergreen tree?
12	Figure of Speech	The book says the prairie looks like an "ocean of waves." What type of figure of speech is this? Does this description help you picture the prairie? Why or why not?
12	Body Language	Grant clenches his stomach with crossed arms when he is hungry. How does Grant's body language tell others he's hungry? What other things can you say through body language without speaking a word?
12	Fashion	Papa wears a Stetson cowboy hat. Stetson was one of the first companies to make cowboy hats. Although they are often worn just for fashion today, they were originally made for cowboys and farmers in the West. Why do you think the cowboy hat has a wide brim?
13	Transportation	Papa travels along Interstate 90 to Wall Drug Store. In fact, Interstate 90 is the longest highway in the United States! It runs from Seattle, Washington to Boston, Massachusetts. Can you guess why the road is called an "interstate"?
14	American History	Theodore Roosevelt was the youngest president to ever take office. He was 42 years old.
15	Folklore	The jackalope is an imaginary prairie animal. Its name comes from a combination of jack rabbit and antelope. The legend of the jackalope appears in many culture's folk tales.
15	Culture	A cowboy is more than a man in chaps, boots, and a big hat. The cowboy tradition started with the Mexican vaqueros. The American cowboy herded cattle and worked on ranches.

## Page-by-Page Guide

- |    |                |  |
|----|----------------|--|
| 17 | Vocabulary     | Someone who is stout is fat, bulky, and sturdy!  |
| 19 | Reasoning      | Reread the description of Scarlett. What type of person do you think she is? Is her description surprising? After you finish reading the book, come back to this description and decide if Scarlett was who you expected her to be.  |
| 21 | Math           | Scarlett says she's worked at the Mount Rushmore National Memorial for 45 years. If Scarlett was 21 when she started her job, how old is she now?  |
| 21 | Research       | Mimi spends most of her time on the trip researching for her new mystery novel. What are some ways you can research at home? Name tools you can use. Describe how you can tell what is a good source and what is not.  |
| 22 | Science        | Grant lets his nose follow the scent of scrumptious hamburgers at the Wall Drug Store Restaurant. Your nose can remember up to 50,000 different scents. What scents remind you of special memories?  |
| 24 | Transportation | Theodore Roosevelt was chosen to be on Mount Rushmore for linking the East to the West via the Panama Canal. He was also very popular as a champion of the "common man" in the early 20 <sup>th</sup> century. The Panama Canal provides a shortcut for boats traveling from the Pacific Ocean to the Atlantic or vice versa. Before the canal was built, boats had to travel all the way around the tip of South America. |
| 25 | Science        | Grant and Christina find a clue on a magnet wall. Magnets produce a magnetic field that either attracts or repels certain materials. What materials will a magnet stick to? Experiment on different surfaces in your classroom or home.  |
| 26 | Vocabulary     | A souvenir is a memento or keepsake. Travelers usually buy souvenirs to bring home a memory from their trip. What type of souvenirs can you bring home without going to a souvenir shop?   |

## Page-by-Page Guide

- 28      Problem Solving      Christina doesn't see Scarlett glaring at the mysterious tile in Wall Drug Store. Why do you think Scarlett was glaring at the tile? How do you think Christina would have reacted if she'd seen Scarlett's glare?
- 30      Math      Wall Drug Store is about 30 miles from the Badlands. If Papa drives 60 miles per hour on Interstate 90, about how long will it take to get to the Badlands?
- 31      Science      Mimi tells Grant and Christina that the Badlands used to be under water. In fact, before scientists explored the Badlands, Native Americans found fossils of large turtles, seashells, and fish bones. They assumed the Badlands was once an ocean—and they were right!
- 33      Safety      A tire blowout usually occurs when a tire gets cut by running over an object in the road. A tire blowout can cause a car to swerve out of control. If you are ever caught in a blowout, try to move the car toward the shoulder of the road and slowly brake. Why do you think it's important to wear your seatbelt during a blowout?
- 35      Body Language      Mimi gives Peter Raines a handshake. Handshakes date back to the 5<sup>th</sup> century BC! It is a universal gesture of peace. Some historians believe it symbolizes peace because each person carries no weapons. What do you think the handshake symbolizes?
- 36      Culture      Native American cultures often give their children nicknames based on nature. Mato's nickname is Standing Bear. The name Mato means bear. Do you know what your name means?
- 38      Feelings      Rory explains that she and Mato are best friends. How do you know when you have a best friend? What are traits you want your best friend to have? How can you be a best friend to someone else?

## Page-by-Page Guide

- 38 History Custer State Park is named for General Custer, an American soldier. General Custer fought Indians in the West to keep the peace. In his last battle, General Custer was defeated by the Indians. Today, the battle is known as “Custer’s Last Stand.”
- 39 Figure of Speech The book says a thick black blanket covered the Badlands. What figure of speech is this? What does it make you think of? Write your own description of the Badlands at night. Make sure your reader can taste, hear, see, smell, and touch what you describe!
- 40 Anatomy Goosebumps develop on human skin when someone is cold, scared, or happy. But did you know that other mammals get goosebumps, too? A porcupine gets goosebumps when it raises its quills!
- 46 Anatomy Grant flexes his biceps to show how strong he is. The bicep is the muscle in the top of the arm. Show me your biceps!
- 47 Reading Grant thinks his sister’s clues are proverbs. A proverb is a saying that tells a truth or provides common sense. What proverbs do you know?
- 48 Vocabulary An omen is a superstitious sign that something is going to happen. Usually, an omen is negative.
- 50 Geography Rory says that in some places in South Dakota, you don’t see people for miles. South Dakota may not have lots of people, but the state with the least people in the United States is Alaska! Why do you think Alaska is the least populated state?
- 51 Hobbies The Sturgis Motorcycle Rally began in 1938 and has been held every year since on the last week in August. Thousands of motorcyclists from all over the country attend the rally. While they’re in South Dakota, the motorcyclists usually visit the same landmarks Grant and Christina experienced.
- 53 Problem Solving The mysterious motorcycle man has a tattoo that says, “I love Harley.” Who do you think Harley is? Is it the same as what Grant and Christina think it is?



## Page-by-Page Guide

- |    |                          |  |
|----|--------------------------|--|
| 55 | Reading<br>Comprehension | Grant describes the motorcycle man as “our creepy friend.” Why does Grant call the man creepy? Read back over the descriptions of the man. Has he done anything to make Grant think he’s creepy? Do you think he’s creepy?   |
| 56 | Feelings                 | Mato overheard Grant and Christina whispering to each other. Have you ever been left out of a conversation? How does it make you feel?   |
| 59 | Vocabulary               | When people do something in unison, they do the same thing at the same time. What are some things people might do in unison?   |
| 61 | Writing                  | Most mysteries have certain characteristics in common. They usually have clues, villains, heroes, and scary moments. Mysteries also often have red herrings. A red herring is someone who seems like they might be the villain but aren’t in the end. Do you think the motorcycle man was a red herring? |
| 62 | Travel                   | Imagine a tourist came to your hometown. What would you show them? What people would you like them to meet? Plan a visit for a tourist to your hometown.   |
| 63 | Citizenship              | Most U.S. citizens are able to get a driver’s license when they are 16 years old. Some states offer learner’s permits when a teenager turns 15 years old.  |
| 63 | Math                     | There are actually 71,000 acres in Custer State Park. If there are 43,560 square feet in one acre, how many square feet are in Custer State Park?  |
| 64 | Creativity               | Grant uses his creativity to imagine a whole town of dogs. What creative things have you imagined? Can you think of a whole new world different from the one you live in? Write down your best ideas.  |
| 65 | Vocabulary               | In geology, something is pockmarked if it has large craters in it. The prairie dog town is described as “pockmarked” because of its many prairie dog burros.   |



## Page-by-Page Guide

- 65      Animals      Different animals communicate with different sounds. Prairie dogs bark, whales send out sonar sounds, and cats meow. Can you think of an animal that doesn't make a sound?
- 68      Safety      Christina begins to wonder if Mato and Rory are friends or enemies. Have you ever felt like you couldn't trust someone? How can you know who to trust? Do you think Mato and Rory are trustworthy?
- 70      Reading  
Comprehension      Christina thinks back over their adventure to see if Mato and Rory may have planted the clues. Write your own reasons for why you think Mato and Rory did or did not plant the clues.
- 71      Animals      Bison are now endangered animals, which means they are in danger of going extinct. How can people protect endangered animals? Why is it bad when an animal becomes extinct?
- 74      History      Bison were very important to settlers because they provided fuel. There were very few trees on the prairie, so settlers needed something else for firewood. They found that dried bison poop burned well! They called them bison chips!
- 74      Food      Mato says his great-great-grandfather probably ate bison brains! What's the strangest thing you've ever eaten? Did you like it? Why is it important to try things at least once?
- 78      Animals      Burros were brought to the United States from Mexico. One reason they are so valuable is that they don't mind the heat. Burros are strong workers. Do you know the difference between a burro and a donkey?
- 80      Writing      The book says the visitors center resembled a fairy tale cottage at the edge of the forest. Write a description of what this scene might look like and read your description to a friend. Do they see it?
- 81      Problem Solving      Christina notices that Scarlett sounds a little too curious. What does this say about Scarlett? From what you know in the story so far, try to predict the ending of the book. Will Scarlett be there? What about the motorcycle man? Mato and Rory?

## Page-by-Page Guide

- 83      Feelings      Christina is relieved that the daunting shadow is only Scarlett. Have you ever been scared of something only to find it wasn't what you thought? What are some ways you can be brave in a scary situation?
- 84      Writing      When Rory finds another clue, Christina feels a shudder roll down her spine. Write about a time you felt scared. How did your body react? How did your mind react? Make sure your reader feels scared with you!
- 85      Grammar      The title of Chapter 12 uses rhyming and alliteration. If you don't already know the meaning of those words, look them up online or in a dictionary. Then write at least two examples each of rhyming and alliteration.
- 85      Problem Solving      Write down all the clues the kids have found so far. Can you think of what they might mean? Write down your ideas and keep reading. You can help Grant and Christina solve the mystery!
- 87      Vocabulary      A suspect is someone who could have done something. For Christina, Mato and Rory are suspects because she thinks they could have planted the clues. In the United States, suspects are innocent until proven guilty.
- 88      Grammar      The stone faces staring at Christina from the front of the book are described using personification. Personification is when an inanimate object, like a rock, is given the characteristics of a living thing. Write your own example of personification.
- 90      Poetry      One characteristic of many poems is a rhyme scheme. A rhyme scheme refers to the pattern in which certain words rhyme. Look at the clues listed on page 90 and circle the words that rhyme in each. Using that rhyme scheme, write two more lines to the first clue.
- 90      Geography      Rory says that Mount Rushmore was built to bring tourists to South Dakota. Before Mount Rushmore, South Dakota was mainly farm land and prairie. Now the state hosts millions of tourists every year. How does tourism have a positive or negative impact on South Dakota?

## Page-by-Page Guide

- 91      Problem Solving      Christina can't figure out what the second clue means. What do you think? Come up with a couple of predictions of what the clue could mean. Write them down. When you are finished with the story, look back at your predictions. Were you right?
- 91      Morals      When Grant tells Mimi he's discussing Mount Rushmore, the book says he's being truthful, mostly. Do you think it's right for Grant to only tell half the truth? Is it ever OK to tell half the truth? Why or why not?
- 92      Vocabulary      Mimi calls Mount Rushmore the "grand finale" of their trip. Grand finale means the best, most anticipated part of something. The phrase usually refers to sports. The grand finale of professional baseball is the World Series. What is the grand finale of professional football?
- 92      History      Crazy Horse was an actual Native American hero. He fought against American troops to protect his tribe's freedoms. Crazy Horse's most famous battle was the Battle of Little Big Horn. He fought against General Custer and his troops and won!
- 93      Economics      The Crazy Horse Memorial is still under construction. Construction workers slowly add to the memorial when money is available. The Crazy Horse Memorial does not accept money from the government. They rely on private donations. The fee to get into the memorial also goes toward construction.
- 94      Culture      A Native American headdress is a large headband covered in bright feathers and beads. Headdresses are normally worn by tribal chiefs or warriors and are usually used only on special occasions. Can you think of something in your culture that is worn only by prominent people on special occasions?
- 95      Role Models      Mato considers Crazy Horse a hero because of his acts of bravery for his people. Who is your hero? Why? What do you think makes someone a hero?

## Page-by-Page Guide

- 102      Culture      Mato says the Native American dancers at the Crazy Horse monument are chanting in the Sioux language. About 33,000 Sioux speak the language in America and it is the 5th most popular spoken indigenous language.
- 108      Geography      There are 50 U.S. states and 6 U.S. territories. U.S. territories include American Samoa, Federation States of Micronesia, Guam, Midway Islands, Puerto Rico, and the U.S. Virgin Islands. Do you know the difference between a U.S. state and a U.S. territory?
- 112      Safety      Christina realizes she doesn't trust Scarlett. Have you ever felt like you couldn't trust someone? What is the best thing to do in this situation? Why do you think Christina didn't trust Scarlett?
- 116      Problem Solving      Scarlett says "Behind the mountain" just as Mimi and Papa interrupt. Without reading any further, what do you think Scarlett means? Could it have something to do with the end of the book? Write down your predictions to see if you're right!
- 119      Math      Mato says the bottom of Mount Rushmore is miles wide. If the mountain has a 10-mile radius, how many feet is the diameter?
- 124      Safety      Do you think it was smart for the kids to climb the mountain? Have you ever done something without your parents' or teacher's permission that turned out to be dangerous? Why is it important to listen to adults' warnings?

## *Discussion Questions*

1. How have your impressions of South Dakota changed since you read about its different tourist attractions? Discuss how tourism has had a positive or negative impact on South Dakota's economy, geography, history, and culture.
2. Discuss the importance of Crazy Horse to Native Americans and Mount Rushmore to American citizens. Why do you think monuments are important to a group of people?
3. Was Scarlett a villain? Discuss what traits made Scarlett similar to or different from a typical mystery villain.
4. When Grant and Christina meet Mato, he teaches them about his native culture, the Sioux. Are there different cultures where you live? Discuss the importance of learning about and respecting other cultures' customs, including beliefs, clothing, traditions, and food.
5. Was Grant foolish for climbing Mount Rushmore? Discuss other ways Grant could have solved the mystery without climbing Mount Rushmore. Why do you think tourists are no longer allowed to climb Mount Rushmore?

### **Bonus Info!**

#### **Gutzon's Georgia Connection**

Mount Rushmore was not the only famous carving Gutzon Borglum worked on. Before Mount Rushmore, Borglum was hired to create a monument for Stone Mountain, in Stone Mountain, Georgia. Georgian Helen Plane wanted to honor the Confederate leaders of the Civil War with a monument carved into the mountain. Borglum intended to carve General Robert E. Lee with an army behind him, but Plane was afraid her local group of the Daughters of the Confederacy could not afford his elaborate plan. Instead, Gutzon committed to carve four Confederate generals for only \$250,000.

Gutzon began work on Robert E. Lee but left the mountain unfinished when he was hired to begin sculpting Mount Rushmore. Stone Mountain was completed in 1972 with carvings of Robert E. Lee, Stonewall Jackson, and Jefferson Davis.

## *Geography: Find It!*

1. Using each tourist attraction in the novel, draw a map of Grant and Christina's adventures starting with Wall Drug Store and ending with the Mount Rushmore National Monument.
2. Mimi explains that scientists believe the Badlands were once the bottom of an ocean. Using a map of the United States, draw where you think an ocean might once have been located.
3. South Dakota is home to a variety of unique landscapes. List the different terrains Grant and Christina experience throughout the novel. Then explain how each different type of terrain affects where and how people in South Dakota live.
4. Using the Internet and your book for research, find as many United States national monuments as you can. The first is found for you—Mount Rushmore!
5. Using the Internet and your book for research, find at least one state park for each state in the U.S. South Dakota is found for you—Custer State Park!
6. Using a map, explain why South Dakota is considered to be located in the Midwest U.S.

### **Bonus Info!**

#### **That's Corny!**

Christina and Grant didn't have time on their Mount Rushmore adventure to visit one of South Dakota's quirkiest tourist attractions, the Corn Palace. Located in Mitchell, South Dakota, the Corn Palace was created in 1892 to show off South Dakota's agricultural success. The building, which looks like a castle covered in corn, was built as a community center where the town could gather for meetings and festivals throughout the year.

Today, more than 500,000 tourists come from all over the world to visit the Corn Palace. The palace offers tours, exhibits, dances, stage shows, and even basketball games. Each year the outside of the Palace is redecorated with ears of corn and native grasses (like knee-high prairie grass!). An annual theme is chosen and locals create original "corn" murals for decoration.

## *Mathematics: Calculate It!*

1. If George Washington's nose on Mount Rushmore measures 20 feet and his mouth, eyes, and forehead together measure 40 feet, how tall is George Washington's head?
2. If Grant and Christina spot 51 prairie dogs at the prairie dog town and only 17 holes, how many prairie dogs live in each hole?
3. If the Badlands are 136 miles from Keystone and Papa drives 60 miles per hour the whole way, about how many hours will it take to get to the Badlands?
4. There are 506 steps to the top of Mount Rushmore. If Mato climbs the steps 3 at a time, about how many steps will he step on?
5. The Crazy Horse Monument costs \$10 per adult, \$25 per carload, and is free for kids 6 and under. If a mother and father with two kids, ages 3 and 5, visit the monument, is it cheaper to pay per carload or individually? How much will it cost?
6. If one cheeseburger at Wall Drug Store costs \$6.25, how much would the bill be for Grant, Christina, Mimi, Papa, and Scarlett's lunch?

### **Bonus Info!**

#### **Fast Facts—Mount Rushmore in Numbers**

Gutzon Borglum began carving Mount Rushmore in 1927. He was already 60 years old! He hired 600 workers to carve each face. Amazingly, not one worker died while working on the mountain.

Mount Rushmore measures 5,725 feet tall. Each president's face is 5,500 feet above sea level. The presidents' noses are 20 feet tall, their eyes are 11 feet across, and their mouths are 18 feet wide. All-in-all, each face is 60 feet tall. That's as tall as a 6-story building! In fact, if the presidents on Mount Rushmore were real men, they'd be 465 feet tall!

While carving Mount Rushmore, workers removed more than 800 million pounds of rock from the mountain. The carving was completed in 1941 for just under \$1 million!



1. Be a South Dakota tour guide! In your own words, write a brief description of each landmark Grant and Christina visited in the book. Try to convince your friends to visit South Dakota!
2. Who is your favorite character in the book? In a few paragraphs, describe the character and why he or she is your favorite. Are they similar to or different from you? Explain why.
3. Rewrite the ending! Create an alternative ending to the book. Does Grant climb Mount Rushmore? Do Mato and Rory return home? Does Scarlett turn out to be the villain?
4. Create a new national monument! Write a letter to sculptor Gutzon Borglum asking him to carve a new monument. Where will it be? What will the carving commemorate? Make sure you list good reasons—you have to convince Borglum to work on your project!
5. Create a travel journal! Pretend you are on the adventure with Grant and Christina. Write three journal entries about your experiences at the Badlands, Custer State Park, and the Crazy Horse Memorial.
6. Think of one more clue for Grant and Christina to find. Explain how it fits into the story.
7. Write a poem or a rap song about Mount Rushmore! Rhyme away and have some fun with the presidents on the face of the monument. Hey Teddy, are you ready?

### **Bonus Info!**

#### **Skeleton of a Story**

Every story has to have characters, a plot, a setting, and a climax. Characters are the people in the story. They can be heroes or villains. Sometimes the character you think is a villain turns out to be a hero—you never know!

A plot is what happens in the story. Without a plot, a story is just, well, rambling. A setting is where the story takes place. It can be anywhere! Some stories have many different settings.

The climax is the conflict of a story. It is usually the most exciting, scary, nail-biting scene of the book. Identify the characters, plot, setting, and climax of the Mystery at Mount Rushmore.

# Vocabulary: Use It!

Use the clues to unscramble the words taken from the mystery book. Use these words and their definitions to increase your vocabulary!

1. Location of first clue at Wall Drug Store  
GNTEASM    G    S
2. Tall grass and flat land  
RRIIAEP    R    R
3. Don't get stuck here at night!  
SBLAANDD    D    A
4. Howls in the Badlands  
OOECYT    O    E
5. Grant's stuffed souvenir  
ALPAOEJKC    K    L
6. Grandma ranger!  
STTCAERL    C    R
7. Oversized, barking squirrel  
IEIARRP GDO  
R    E    O
8. Friendly donkeys  
SRRUBO    R    O
9. Find these at the Sturgis Rally  
EOOCYRTMCL  
T    Y
10. Not "Custard" State Park!  
SEUTRC    U    R

## Bonus Info!

### Letter Loot!

Sometimes a picture's worth a thousand dollars—\$5,826 to be exact! That's how much a letter by Gutzon Borglum sold for at an auction in 2010. The letter included a sketch of George Washington's bust on Mount Rushmore. Historians believe the sketch was one of the first drawings for plans of the Mount Rushmore sculpture.

At first, Borglum only intended to carve George Washington on the mountain, but he later changed his plans to include Abraham Lincoln, Thomas Jefferson, and Theodore Roosevelt. Borglum wrote in the letter that South Dakota would supply tents, drills, and a studio for his personal work. According to his letter, he planned to start work in the summer.

## ***Art: Create It!***

1. Using only the details in the book, draw what you think the Crazy Horse Monument looks like. Then use the Internet or books to look up pictures of the real Crazy Horse. Does your drawing look similar?
2. Create an Indian headdress with strips of leather and feathers. Cut a strip of leather long enough to tie around your forehead. Then pick out a handful of colorful feathers. Ask a parent or teacher to help you attach the feathers with hot glue. Wear the headdress and practice your rain dance!
3. What's in a name? Every name has a meaning, like Mato "Standing Bear" Raines. Use the Internet or ask your parents to find the meaning of your name. Then, write your name in large letters in the middle of a blank sheet of paper. Write the meaning of your name underneath. Finish your "name plaque" with drawings of your favorite things.
4. Pretend you're the Wall Drug Store T-shirt designer. Come up with as many T-shirt slogans and designs about South Dakota as you can. Draw them on sketch paper and have friends decide which design is their favorite.
5. Create a poster inviting tourists to visit Mount Rushmore. Think about what would attract you to visit the monument and build your poster around those things.

### ***Bonus Info!***

#### **Make Your Face Famous!**

First decide which president on Mount Rushmore you'd like to be. Then print out images of the other three presidents from the Internet (or draw them if you're artsy!). Now you'll need a paper plate, a stick, construction paper, glue/tape, scissors, and a stapler.

Start by cutting out the pictures of the three presidents. Glue them to construction paper so they're sturdy. Then cut a large hole in the center of your paper plate. Glue or tape the stick to the back of the paper plate. Then staple the pictures of the presidents to either end of the plate. Make sure they're in the same order they appear on Mount Rushmore! Hold the plate up to your face. Now you're part of Mount Rushmore!

## Science: Cook It!

This old-time recipe used by the Sioux Indians in South Dakota for many years uses one of South Dakota's most abundant crops—corn! This recipe has been modified so you can cook with modern ingredients.

### Wagmiza Wasna : Sioux Corn Cookies

#### What you'll need:

- 2 cups of yellow cornmeal
- 1 cup canola or vegetable oil
- 1 cup raisins (optional)
- 1/3 cup brown sugar.

#### Directions:

1. Toast the cornmeal in a pan. Do this by pouring the cornmeal in a deep pan (a cast-iron skillet works best!). Cook the cornmeal over medium heat until the color turns golden brown. It will take 20-30 minutes. Be sure to stir frequently to prevent burning.
2. In another deep pan, heat up the oil.
3. If you're using raisins, ground them into a paste. Do this by sealing them in a freezer bag and crushing them with a heavy pan or glass.
4. Add the ground raisins to the hot oil.
5. Then add browned cornmeal and brown sugar.
6. Stir together.
7. Spread the batter onto a cookie sheet. Let the batter cool. (Hint: these cookies don't need to be baked, they cook in the oil!).
8. When they are cool, tear off pieces of the cookie and enjoy!

### Bonus Info!

Official South Dakota State  
Dessert: Kuchen!

You'll need: 2 cups flour, ½ cup sugar, ¼ tsp. salt, ½ tsp. vanilla extract, ½ lb unsalted butter cut into pieces. For the filling: 1lb cream cheese at room temperature, ¾ cup sugar, 1tsp. vanilla extract, 1 egg at room temperature. For topping: 1Tbsp. sugar, 1 ½ tsp. cinnamon, 3 Granny Smith apples peeled, cored, and sliced.

What to do: Preheat oven to 450 degrees. Grease 9"x13" pan. Mix flour, sugar, and salt in a large bowl. Add vanilla and butter a little at a time. Press into pan, bake 12 to 15 minutes. Cool. Lower oven temperature to 400 degrees. Mix cream cheese, sugar, and vanilla. Beat until creamy. Mix in egg. Pour over crust. Combine sugar and cinnamon. Arrange apples on top of cream cheese filling. Sprinkle with cinnamon sugar. Bake 20 minutes. Enjoy!

### Carving the Mountain—An Interactive Trivia Game

Let your students carve Mount Rushmore one question at a time!

What you'll need:

- Two large pictures of Mount Rushmore
- 40 squares of grey paper
- 40 questions from the book (you can use the quizzes in the back of this Teacher's Guide for question examples)

Start by hanging the two large pictures of Mount Rushmore so students can easily see them. (Hint: Laminate the pictures for durability so you can play this game again and again!) Cover each picture with the 20 squares of grey paper. (Hint: Measure the area of your picture beforehand to decide what size squares to cut out.) You can attach the squares with small pieces of tape or blue-tack. Your squares should cover the entire picture so students can't see the mountain. Divide the classroom into two equal teams.

Let's Play! Start by asking the first team a question about the book. If they answer the question correctly, let them come to the board and remove one square of grey paper from the drawing. (Hint: If you don't want students out of their seat, remove squares randomly, or ask the student to point to the square of his or her choice.) Then ask the second team a question, and so on. If a team gets an answer wrong, move onto the next team. The first team to remove all the grey squares and "carve" Mount Rushmore wins!

Modify the game! Use only one of the pictures of Mount Rushmore covered with 20 grey squares. This time, separate the class into four teams, one for each of the presidents on Mount Rushmore. Ask students a trivia question about the president their team represents. (Hint: Better known presidents like George Washington and Abraham Lincoln may be easier for students to identify. Be sure to make all the president questions equally challenging.) If a team gets the question right, have a student approach the board and remove a grey square from the area surrounding their president on Mount Rushmore. The first team to completely uncover their president's face wins!

# Activities

*Search for the mysteriously hidden words below!*

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

## WORD BANK

BADLANDS  
BISON  
BORGLUM  
BURRO  
CUSTER

DYNAMITE  
JACKALOPE  
KEYSTONE  
LINCOLN  
MATO

MOTORCYCLE  
PRAIRIE  
RORY  
SCULPTOR  
SIOUX

STAIRS  
STONE  
TEPEE  
TILE  
WALL

# Chapters 1-4 Worksheet

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Do you know what these words mean? Write their definitions in the space provided.*

1. chauffeur (v)
2. sculptor
3. preservation

*Answer the following questions using complete sentences.*

4. What new prairie creature did Grant discover at Wall Drug Store?
5. How long has Scarlett worked as a park ranger?
6. What does Mato's name mean?

*Write T for True and F for False.*

7. \_\_\_\_ Grant enjoyed the long drive to Wall Drug Store.
8. \_\_\_\_ Lincoln Borglum worked on Mount Rushmore after his father died.
9. \_\_\_\_ The loud POP! in the Badlands was from fireworks.
10. \_\_\_\_ Rory's dad stopped to help Mimi and Papa.



# Chapters 5-8 Worksheet

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Do you know what these words mean? Write their definitions in the space provided.*

1. asphalt
2. omen
3. dumbfounded
4. deserted

*Answer the following questions using complete sentences.*

5. How does Christina convince Mimi to let Mato and Rory stay with them?
6. What lines the street of Keystone when Grant and Christina leave their hotel?
7. What was written on the motorcycle man's tattoo? What do you think it means?
8. What did Mato and Rory visit first at Custer State Park?

*Write T for True and F for False.*

9. \_\_\_\_ Christina and Grant decided to tell Mimi right away about the clue they found.
10. \_\_\_\_ A motorcycle rally is held every year in Sturgis.

# Chapters 9-12 Worksheet

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Do you know what these words mean? Write their definitions in the space provided.*

1. suspicion
2. horizon
3. innocent

*Answer the following questions using complete sentences.*

4. Why does Christina suspect Mato and Rory are bad guys?
5. Why are there so few bison in the West?
6. Why is Scarlett at Custer State Park?

*Write T for True and F for False.*

7. \_\_\_\_ Grant suspects Mato and Rory are the bad guys.
8. \_\_\_\_ Rory finds a clue in an exhibit at Custer State Park.
9. \_\_\_\_ Mato saved Christina from being run over by a prairie dog.
10. \_\_\_\_ Mato and Rory were angry when they found out Christina suspected they were the bad guys.

# Chapters 13-16 Worksheet

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Do you know what these words mean? Write their definitions in the space provided.*

1. stampede
2. tepee
3. headdress
4. immense

*Answer the following questions using complete sentences.*

5. Explain how Christina discovers that the clues describe Mount Rushmore?
6. Why did Ziolkowski decide to carve Crazy Horse?
7. What does Grant find on the replica of Crazy Horse?

*Write T for True and F for False.*

8. \_\_\_\_ Mato is excited to see the Crazy Horse monument.
9. \_\_\_\_ Crazy Horse was a great Sioux warrior and leader.
10. \_\_\_\_ Christina thinks the loud boom she heard at Crazy Horse came from drums.

# Chapters 17-19 Worksheet

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Do you know what these words mean? Write their definitions in the space provided.*

1. replica
2. inscription
3. avalanche
4. artifacts

*Answer the following questions using complete sentences.*

5. What does Scarlett say is missing from Mount Rushmore?
6. Where does Grant find the last clue?
7. Why does Grant climb Mount Rushmore?

*Write T for True and F for False.*

8. \_\_\_\_ Mimi and Papa asked Scarlett to take the kids to her office.
9. \_\_\_\_ The last thing Scarlett said in her office was “behind the mountain.”
10. \_\_\_\_ Rory finds Grant walking on the Grand View Terrace.

# Chapters 20-22 Worksheet

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Do you know what these words mean? Write their definitions in the space provided.*

1. Roman numerals
2. chisel
3. scavenger hunt

*Answer the following questions using complete sentences.*

4. Why did Gutzon stop carving the Hall of Records?
5. Why did Scarlett plant clues at famous landmarks?
6. Mimi and Papa forgave Scarlett under what condition?

*Write T for True and F for False.*

7. \_\_\_\_\_ Christina and Grant climbed 356 steps to the top of Mount Rushmore.
8. \_\_\_\_\_ The kids find a cave at the top of Mount Rushmore.
9. \_\_\_\_\_ Scarlett suggests Mimi and Papa look at the top of the mountain for the kids.
10. \_\_\_\_\_ A monument was placed in the Hall of Records in 1968.

# *The Mystery at Mount Rushmore*

## *Vocabulary End-of-Unit Quiz*

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Using the word bank, fill in the correct vocabulary word in the sentences.*

Word Bank				
sculptor	deserted	stampede	tepee	inscription
scavenger hunt	dynamite	prairie	acreage	suspicious

- Christina almost gets run over by a \_\_\_\_\_ of friendly burros.
- The long grass of the \_\_\_\_\_ reminds Christina of the song "America the Beautiful."
- Native Americans use the opening in the top of a \_\_\_\_\_ to vent smoke from a fire.
- Workers used chisels and \_\_\_\_\_ to carve Mount Rushmore.
- Gutzon Borglum was the official \_\_\_\_\_ of Mount Rushmore.
- Grant thinks the flat land of South Dakota looks \_\_\_\_\_ compared to his neighborhood in Georgia.
- Each clue has an \_\_\_\_\_ written in black handwriting on a porcelain tile.
- Custer State Park boasts unique animals and lots of natural \_\_\_\_\_.
- Christina becomes \_\_\_\_\_ of Scarlett when she takes the kids to her office.
- Scarlett planted the clues many years ago so tourists could participate in a \_\_\_\_\_.

# *The Mystery at Mount Rushmore*

## *Matching Characters*

### *End-of-Unit Quiz*

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Match the mystery characters with their descriptions.*

- |                    |                                 |
|--------------------|---------------------------------|
| _____ 1. Grant     | A. Native American Sioux        |
| _____ 2. Christina | B. senior park ranger           |
| _____ 3. Rory      | C. climbed Mount Rushmore first |
| _____ 4. Mato      | D. flies the Mystery Girl       |
| _____ 5. Mimi      | E. solved the mystery           |
| _____ 6. Papa      | F. Mato's best friend           |
| _____ 7. Scarlett  | G. "researched" the entire trip |



# *The Mystery at Mount Rushmore*

## *Fill-in-the-Blank End-of-Unit Quiz*

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Fill in the blanks to complete the following:*

- Christina and Grant found their first clue at this South Dakota landmark.  
W \_\_\_\_\_ U \_\_\_\_\_ R \_\_\_\_\_
- This is Mato's native people.  
\_\_\_\_\_ X \_\_\_\_\_
- This is the reason Grant and Christina get stuck in the Badlands at night.  
T \_\_\_\_\_ L \_\_\_\_\_ U \_\_\_\_\_
- This is not the golden retriever town.  
\_\_\_\_\_ A \_\_\_\_\_ E \_\_\_\_\_ G \_\_\_\_\_ W \_\_\_\_\_
- This is the greatest Native American monument in the United States.  
C \_\_\_\_\_ Z \_\_\_\_\_ R \_\_\_\_\_
- This is the name of a big motorcycle gathering.  
\_\_\_\_\_ T \_\_\_\_\_ G \_\_\_\_\_ L \_\_\_\_\_ Y \_\_\_\_\_
- Find the best view of Mount Rushmore here.  
G \_\_\_\_\_ D \_\_\_\_\_ E \_\_\_\_\_ R R \_\_\_\_\_
- This is a secret passageway at the top of Mount Rushmore.  
H \_\_\_\_\_ R \_\_\_\_\_ D S \_\_\_\_\_
- These are sealed in a black stone box at the top of Mount Rushmore.  
\_\_\_\_\_ O \_\_\_\_\_ A \_\_\_\_\_ I \_\_\_\_\_ S \_\_\_\_\_
- This is the designer and sculptor of Mount Rushmore.  
G \_\_\_\_\_ Z \_\_\_\_\_ R \_\_\_\_\_ U \_\_\_\_\_

# *The Mystery at Mount Rushmore*

## *True or False End-of-Unit Quiz*

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

*Write T for True and F for False.*

- \_\_\_\_\_ 1. Grant and Christina eat salads at the Wall Drug Store restaurant.
- \_\_\_\_\_ 2. Grant does not like riding in the rental car so much.
- \_\_\_\_\_ 3. Christina did not like Rory and Mato when she first met them.
- \_\_\_\_\_ 4. Custer State Park wasn't as cool as Grant expected it to be.
- \_\_\_\_\_ 5. Christina suspected her friends were the bad guys, but changed her mind when Mato saved her from a burro stampede.
- \_\_\_\_\_ 6. Christina thought the motorcycle man with the tattoo was intimidating.
- \_\_\_\_\_ 7. Mimi and Papa walked Grant and Christina to the Grand View Terrace at Mount Rushmore.
- \_\_\_\_\_ 8. When he first sees Mount Rushmore, Grant thinks it looks smaller than he expected.
- \_\_\_\_\_ 9. Christina climbs Mount Rushmore first.
- \_\_\_\_\_ 10. Scarlett led the kids to the top of Mount Rushmore so they would get hurt.

# Answer Key

## *Page 15, Mathematics – Calculate It!*

1. 60 feet; 2. 3; 3. about 2 hours;
4. about 168; 5. individually/\$20.00;
6. \$31.25

## *Page 17, Vocabulary – Use It!*

1. magnets; 2. prairie; 3. Badlands;
4. coyote; 5. jackalope; 6. Scarlett;
7. prairie dog; 8. burros; 9. motorcycle;
10. Custer

## *Page 22, Chapter Worksheet 1-4*

4. jackalope; 5. 45 years; 6. Standing Bear;
7. F; 8. T; 9. F; 10. F

## *Page 23, Chapter Worksheet 5-8*

5. Tells her they'd be good for research and as tour guides; 6. motorcycles;
7. "I Love Harley," Harley Davidson;
8. the prairie dog town; 9. F; 10. T

## *Page 24, Chapter Worksheet 9-12*

4. Because they were the only people with them when Christina and Grant found the clues; 5. Because settlers killed so many for sport; 6. To help Mimi research; 7. F; 8. T; 9. F; 10. F

## *Page 25, Chapter Worksheet 13-16*

5. She sees the picture of Mount Rushmore on the book in Mimi's car;
6. Because a Native American said he wanted people to know that the Native Americans had heroes too; 7. A clue;
8. T; 9. T; 10. F

## *Page 26, Chapter Worksheet 17-19*

5. Scarlett says "More than you know" is missing from Mount Rushmore; 6. At the entrance to the Lincoln Borglum museum; 7. To follow the clue and solve the mystery; 8. F; 9. T; 10. F

## *Page 27, Chapter Worksheet 20-22*

4. Because the rock was too dense and he was running out of time and money;
5. For a scavenger hunt so people could learn about South Dakota; 6. She had to get rid of the clues; 7. F; 8. T; 9. T; 10. F

## *Page 28, Vocabulary End-of-Unit Quiz*

1. stampede; 2. prairie; 3. tepee;
4. dynamite; 5. sculptor; 6. deserted;
7. inscription; 8. acreage; 9. suspicious;
10. scavenger hunt

## *Page 29, Matching Characters End-of-Unit Quiz*

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

## *Page 30, Fill-in-the-Blank End-of-Unit Quiz*

1. Wall Drug Store; 2. Sioux; 3. tire blowout; 4. prairie dog town;
5. Crazy Horse; 6. Sturgis Rally;
7. Grand View Terrace; 8. Hall of Records; 9. porcelain tiles;
10. Gutzon Borglum

## *Page 31, True or False End-of-Unit Quiz*

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