

Online Book Club

The Voracious Volcano Mystery

Bring It To Life!

1. It's the same difference, right? Have each member of the group come up with as many oxymorons as they can. Nick and Curie already came up with Little Grand Canyon and jumbo shrimp. See what you can think of! If you get stuck, ask a member's parents for some help.
2. Make your own robot! Have each member find a square cardboard box. Cover the box with aluminum foil. Then, find things around the house like buttons, flashlights, or shiny ribbon. Decorate the box to look like your very own robot. Does it talk? What does it do?
3. What would you say? Create your own bumper stickers like Nick and Curie have on the back of their van. Come up with funny phrases and write them on rectangular pieces of paper. Then, use tape to attach the homemade bumper stickers to a special notebook—maybe the one you use for Book Club.
4. Nick and Curie used the Internet to help them find information to solve the mystery. You can be a detective, too! Have each member pick one thing about volcanoes that interests them (it could be eruptions, lava, ash...whatever). Then, have each member research that topic using google.com, yahoo.com, or ask.com, and present a short report to the group. Be sure to ask lots of questions to learn as much as you can!



Online Information

The Voracious Volcano Mystery

Fascinating Facts

Volcanoes

- There are more than 1,500 active volcanoes in the world.
- Crater Lake in Oregon was formed when a volcano lost its top in an eruption thousands of years ago.
- Volcanoes erupt in different ways. Sometimes the eruption is quiet with slow-moving lava, and sometimes it's a big explosion of lava and ash.
- Fresh ash (which is pulverized rock) from a volcanic eruption can be acidic and smelly!
- Hawaii was formed by hundreds of underwater volcanoes that erupted thousands of years ago.
- A dormant volcano is one that has not erupted in many years, but may still erupt at any time.
- Mauna Loa is the world's largest active volcano. It is taller than Mount Everest!
- People like to live on the slopes of inactive volcanoes because the soil there is fertile (that means it's good for growing a garden).
- Indonesia is the country with the most volcanoes in the world! There is a volcano almost everywhere you look!
- While there are about 1,500 active volcanoes on land, there are an estimated 10,000 volcanoes in the ocean!



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Fascinating Facts

Yellowstone National Park

- Nearly 4,000 bison, also known as buffalo, live in Yellowstone.
- There are more thermal features in Yellowstone than any other place on earth, like geysers, hot springs & steam vents.
- After Congress saw photographs and paintings of Yellowstone, they decided to make it the first national park to protect it for everyone to enjoy.
- Yellowstone has its own Grand Canyon with the Yellowstone River running through it.
- When hiking in Yellowstone, you should make noise to warn any bears that you are near.
- The center of Yellowstone Park sits on a large volcano that has been dormant for 600,000 years.
- Yellowstone's Steamboat Geyser is the highest erupting geyser in the world.
- Yellowstone's isolated southwest corner is famous for dozens of waterfalls.
- Yellowstone National Park is located in Wyoming, Montana, and Idaho.



Online Quiz

The Voracious Volcano Mystery

Pop Quiz

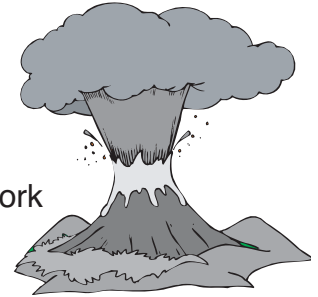
1. What does HR stand for?
2. Where do Nick and Curie first test HR?
3. True or False? Yellowstone is considered a supervolcano.
4. What did the men want to steal from Curie?
5. What was HR's code?
6. Why did Suni Ki want to steal HR?
7. In what year did Mount St. Helens last erupt?
8. What kind of convention was going on at the hotel?



Volcano Eruption Safety Tips

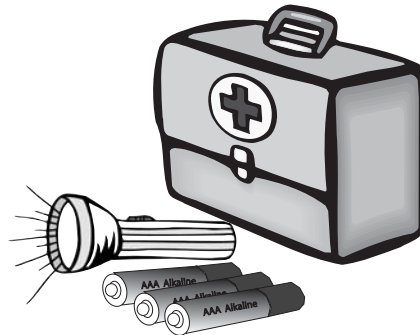
If you live near a volcano, follow these safety measures!

1. Talk to your parents about an evacuation route. You might want to have backup route, just in case.
2. Make a communication plan. If you are at school and your parents are at work when an eruption occurs, you need a plan to get back together.
3. Elect an out-of-town relative to be your family contact person. During an emergency, it is sometimes easier to contact someone outside the danger zone. Make sure everyone in your family has the relative's name, address, and phone number.
4. Close and block all windows, dampers, and doors.
5. Bring all of your pets indoors.
6. If there is ash in your area, wear goggles, keep your skin covered, and wear a mask when outdoors.



Volcano Safety Kit

- Battery-powered radio
- Flashlight
- Extra batteries
- First aid kit
- Dust mask (1 for each family member)
- Sturdy shoes



Additional Dangers from Volcanoes

Mudflows
Flash floods
Landslides
Rock falls
Ash fall
Acid rain

Know your SAT Words!

The Voracious Volcano Mystery

SAT Words



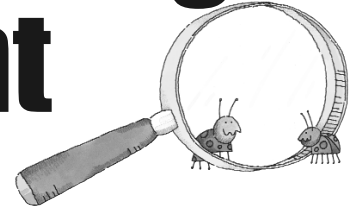
1. precarious
2. stingy
3. uncanny
4. validate
5. zealous

Write a sensational sentence using all five SAT Words from this mystery.



The voracious VOLCANO MYSTERY

Scavenger Hunt



Want to have some fun? Let's go on a scavenger hunt! Find the items below related to the mystery. (Teachers: you have permission to reproduce this page for your students.)

___ 1. a key



___ 2. a picture of a laptop computer



___ 3. a picture of a volcano



___ 4. a stuffed teddy bear (just as cute as the bear Nick and Curie see at Yellowstone!)



___ 5. an ID badge like people wear at a government facility



___ 6. a pair of glasses (like that crazy scientist, Artemis!)



___ 7. a man's suit jacket



___ 8. a white shirt with buttons down the front (just like a scientist's coat!)



___ 9. a pair of hiking boots



___ 10. a couple of coins



Online Book Club

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Talk About It!

1. Have you ever seen a volcano? Would you like to visit one? Why or why not?
2. Are you more like Nick or Curie? Explain why.
3. What was your favorite part of the book? Why? Was it exciting, scary, or happy?
4. Artemis meets his old college friend, Bob Conners, at Yellowstone National Park. He tells Nick and Curie that sometimes you lose track of your friends even when you don't mean to. Have you ever lost track of a good friend? What can you do to keep in touch with friends you have now?
5. Artemis gave the rights to his invention to the Amputee Coalition of America. Do you think that was the right thing to do? Why or why not?
6. Nick and Curie catch the thieves at a coin collectors' convention. Do you like to collect anything like coins, stamps, dolls, or baseball cards? If so, talk about why you collect that certain thing. Why did you start? How many do you have? What's your favorite?
7. Nick and Curie couldn't prove that Suni Ki was a thief until they found "substantial evidence." Do you think saying someone did something wrong is enough, or should you have to prove they did something wrong?
8. The kids put fake coins into the thieves' pockets because the same move worked once in a movie they had seen. Do you think things from movies can work in real life? Why should you be careful about trying movie stunts?
9. Nick and Curie decided not to tell their father about the listening device on their van because they wanted to know more before they went to him. Do you think they did the right thing? Why or why not?



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Word Search



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

Word Bank

MONITOR
GEYSER
ERUPT

VOLCANOLOGY
LAVA
SCIENTIST

ROBOT
THIEF
ARTEMIS

HAWAII
MOUNT ST HELENS
KEY