



Teacher's Notes: Volcano Erupts in Hawaii

General Tips: The goal is to build background knowledge while leading an engaging discussion on any and all information that can be talked about on a given page. The items that you choose to bring up or focus on can be modified for the students you are working with. For example, if you have a student who can point to something in the picture, answer yes/no questions be sure to incorporate a lot more of that as you go through the book. On the same token, be sure to ask a lot of comprehension questions and critical thinking questions at the level appropriate for students working on those skills. There is something for everyone.

Addressing problem solving: Throughout the e-book, help students identify the problems that are involved and choice making opportunities throughout the article.

Page 1: Hawaii is a state. It is in the United States. Point to Hawaii. Hawaii is a state and all of the islands are part of that state. It is in the Pacific Ocean. Point to the islands. Count the islands. There are eight. Here is where those islands are located (point to it). **Point:** Hawaii, Big Island, Pacific Ocean. **Questions:** How many islands are there? What is the big one called? What ocean is all around Hawaii?

Page 2: A volcano is a special mountain that has lava in it. Sometimes the lava comes out. That is when it erupts. Erupts means explodes. That volcano is in Hawaii. It is on the Big Island. **Point:** volcano, fire, lava, May 3rd **Questions:** What erupted? Where did it erupt? What day of the week did it erupt? What is the date today? What flows out of the volcano? Here is a video: <https://youtu.be/hOjOQQJIBZY>

Page 3: The hot lava flowed out of the volcano. It flows like a river. It is hot, melted rock. It comes out of the ground. It sometimes shoots up high into the sky when it comes out of the volcano. **Point:** red hot lava flowing, fire, smoke **Questions:** Is the lava hot? Is it melted rock? What comes out of a volcano? Where is this volcano?

Page 4: The volcano made the air stink. The gas that is in the volcano comes out. It is called sulfur. Sulfur smells like rotten eggs. It is awful. Look at the boy plugging his nose. Can you plug your nose? The gas is called sulfur it stinks. Rotten eggs are old stinky eggs that need to be thrown away. **Point:** rotten eggs, boy plugging his nose. **Questions:** Why is he plugging his nose? Does the volcano make the air smell good? Bad? Do old rotten eggs smell good? What does sulfur smell like?

Page 5 : The lava flowed down the mountain and out of the ground and flowed into the road. It flowed into houses. Some houses caught on fire. It was not safe. **Point:** lava coming toward the house, the road, lava, people **Questions:** What is in the road? Where did the lava come from? What is coming down on the house? Where did the volcano erupt?

Page 6: The lava and the smell of sulfur was not safe. The people who live by the volcano need to leave. They need to get in their car and drive away from the volcano. **Point:** person driving, steering wheel **Questions:** Why did the people leave? Was it safe to stay home? Why was it not safe?

Page 7: Nine houses burned down. Let's count to nine. That is a lot of houses that burned down. The volcano started a fire. It is not safe. **Point:** House burning down, fire, **Questions:** How many houses burned down? What made the houses burn? Was it safe to stay at the homes?

Page 8: The people who live on the Big Island don't have to go to school for awhile. The schools are closed. The volcano is causing problems and so the schools are closed right now. **Point:** classroom, students, red circle with a line **Questions:** What does the red circle mean? No school. Why were schools closed? Do you like to go to school?

Page 9: The hot flowing lava will start to cool off. It will break up and turn into rocks. Some rocks are volcanic rocks. They are rocks made from lava. **Point:** volcanic rocks, Pacific Ocean **Questions :** What happens when the lava cools down? What are volcanic rocks?