

Topic: EFFECTS OF VOLCANOES

Name: _____ Grade: _____ School: _____

DIRECTIONS: Read the information provided about two of the world's most dangerous volcanoes. Complete the questions that follow.

MOUNT KILAUEA

This is one of the largest active volcanoes in the world. It is found on the southeastern side of the Big Island of Hawaii. It is classified as a shield volcano. It has erupted over 60 times. It is 1,247 meters (4,190 feet) above sea level. Mount Kilauea has been erupting continuously since 1983. Many homes and properties have been destroyed as a result of the lava flow. The summit caldera contains a lava lake called Halema 'uma' u that is said to be the home of the Hawaiian volcano goddess Pele.

MOUNT KRAKATOA

This is a stratovolcano. It is located in Indonesia and sits on the Ring of Fire. In 1883 it had a devastating eruption that killed more than 36,000 people (mostly by the huge tsunamis triggered by the eruption). The eruption was so loud that it was heard all the way in Australia. In late 1927, Krakatoa reawakened, producing steam and debris. In early 1928, the rim of a new cone appeared above sea level, and it grew a small island within a year. It was called Anak Krakatoa ("child of Krakatoa"). The island has continued to grow to an elevation of some 1,000 feet and erupts mildly at times.

ASSIGNMENT: Complete the comprehension questions below on a folder sheet.

1. What is the name of the Hawaiian volcano goddess? [1 mark]
2. How many meters above sea level is Mount Kilauea? [1 mark]
3. What was the main cause of deaths from the Krakatoa eruption of 1883?
[2 marks]
4. Pretend that you have gone back in time to witness the eruption of Krakatoa. Write an entry in your journal outlining the events surrounding the eruption.
[6marks]