Volcanoes

Name _____ Date _____

Nonfiction | 139 words | Main topic and key details

I read it: ☆ to myself ☆ to a grown-up ☆ to a friend

1 A volcano is an opening in the Earth's surface. Deep under the ground, it is so hot that rock melts. This melted rock is called magma.

2 Sometimes the magma pushes up and bursts out of the volcano. This is called an **eruption.** When magma comes out of the ground, it has a new name: lava. Lava can be more than 2,000 degrees Fahrenheit, so it **glows** red and orange.

3 When lava cools, it turns into hard rock. Over many years, layers of cooled lava can build a volcano into a tall mountain. The islands of Hawaii were made this way.

4 Not all volcanoes are **active.** Some have not erupted for thousands of years. Scientists who study volcanoes are called volcanologists. They use special tools to watch for signs that a volcano might erupt, so people can stay safe.

How did I do? ☆ ☆ ☆

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Volcanoes: questions

Name _____ Date _____

I can find answers in the text. Look back at the text to check.

1 Circle the best answer

1. What is melted rock under the ground called?

(a) magma (b) ash (c) lava

2. What happens when lava cools?

(a) it turns into water (b) it disappears (c) it turns into hard rock

3. What are scientists who study volcanoes called?

(a) astronauts (b) volcanologists (c) doctors

2 True or false? Circle one.

Magma is called lava when it comes out of the ground.	True	False
Every volcano erupts every year.	True	False
The islands of Hawaii were made by volcanoes.	True	False

How did I do? ☆ ☆ ☆

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Volcanoes: words and writing

Name _____ Date _____

1 Match each word to its meaning. Draw a line.

eruption	○	○ when magma bursts out of a volcano
active	○	○ may still erupt
glows	○	○ shines with light

2 Write your answer in a full sentence.

How can a volcano become a tall mountain?

3 Draw and label something you learned.

How did I do? ☆ ☆ ☆

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FOR TEACHERS AND PARENTS

Answer key: Volcanoes

1 Circle the best answer

1. a) magma
2. c) it turns into hard rock
3. b) volcanologists

2 True or false

True: Magma is called lava when it comes out of the ground.

False: Every volcano erupts every year.

True: The islands of Hawaii were made by volcanoes.

3 Word meanings

eruption: when magma bursts out of a volcano

active: may still erupt

glows: shines with light

4 Written answer (sample)

Each eruption adds a layer of lava that cools into rock. Over many years the layers build up into a mountain.

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