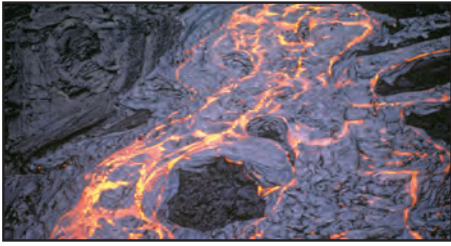


When lava cools, plants may soon begin to grow on the newly created land. At Mauna Loa, two kinds of plants commonly grow on cooled lava areas. Match the pictures below to the two kinds of lava, and the two common plants that grow on cooled lava in Hawai'i.



A

Silversword



B

Ferns



C

Pahoehoe



D

A'a



Write a Descriptive Paragraph

Follow the instructions to complete the activity.

NAME

DATE

Mauna Loa is home to many amazing creatures. Research online and in the library to learn more about a creature that lives near Mauna Loa. Then use the information you learned to write a descriptive paragraph about the creature.

A descriptive paragraph is a group of sentences that describes a noun. A noun is a person, place, or a thing. To write a descriptive paragraph, you will need many descriptive words. Descriptive words are called adjectives.

A descriptive paragraph has three parts. The first part is the topic sentence. The topic sentence is usually the first sentence. It tells readers what the paragraph will be about and catches their attention. Supporting sentences generally follow the topic sentence. They provide details explaining or supporting the topic sentence. At the end of a descriptive paragraph, a sentence wraps up, or summarizes, the ideas expressed in the paragraph. This is called the concluding sentence. It is usually a strong sentence.

Topic Sentence

Supporting Sentences

Concluding Sentence



Many people have explored Mauna Loa. Research online, and choose an explorer that you are interested in learning more about. Make sure you choose a person who has explored Mauna Loa. Then, try researching and writing a biography about that person using this concept web as a guide.



Write a Biography

Follow the instructions to complete the activity.

NAME

DATE



Natural Wonders of the World

Mauna Loa

Reference: Pages 14-15

Mapping the Ring of Fire

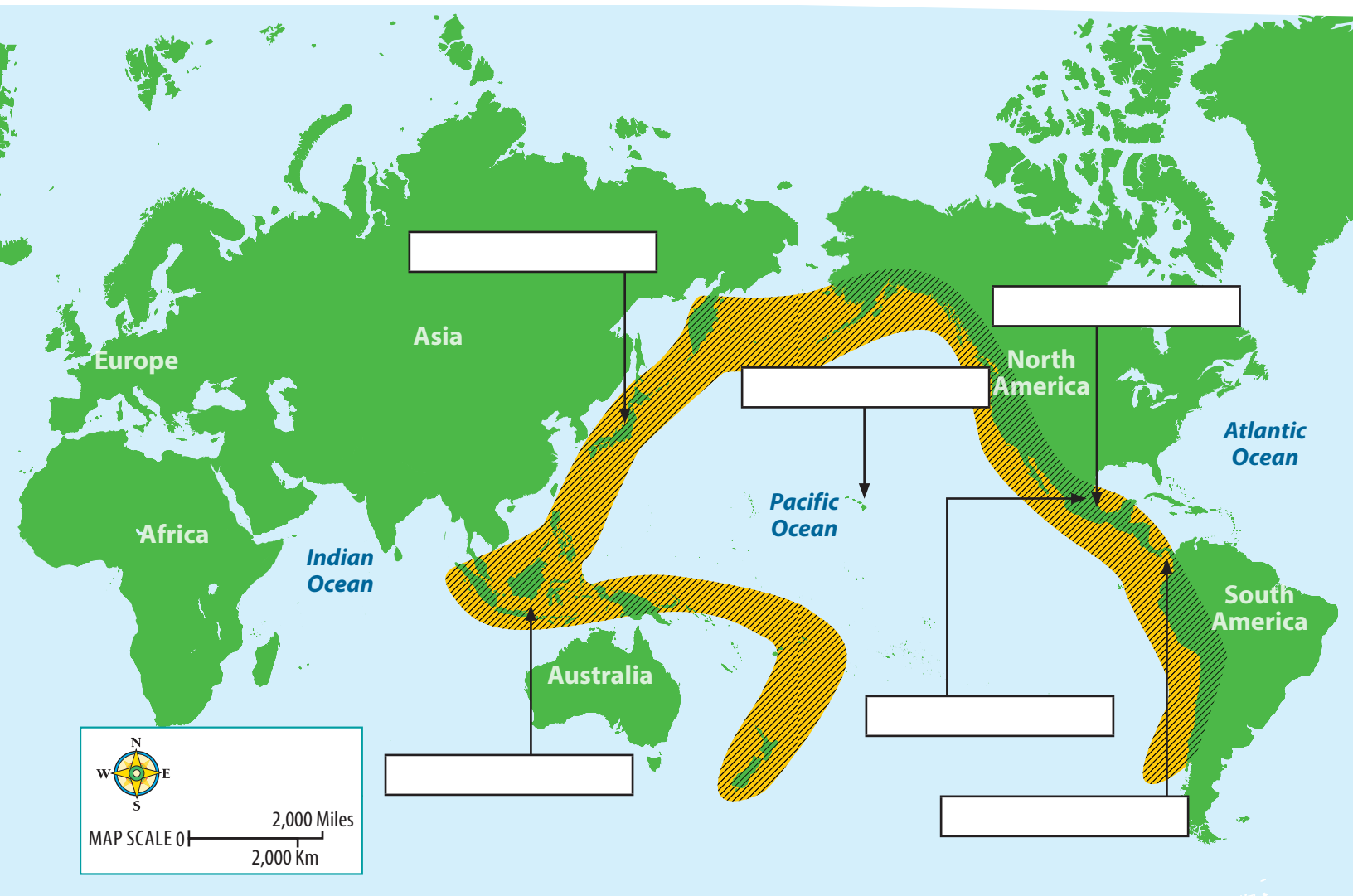
Follow the instructions to complete the activity.

NAME

DATE

Look at the map below. Match the volcanoes to the correct areas on the map. Write your answer in the box next to the correct area on the map.

- Paricutin
- Agung
- Mount Fuji
- Cotopaxi
- Mauna Loa
- Popocatépetl



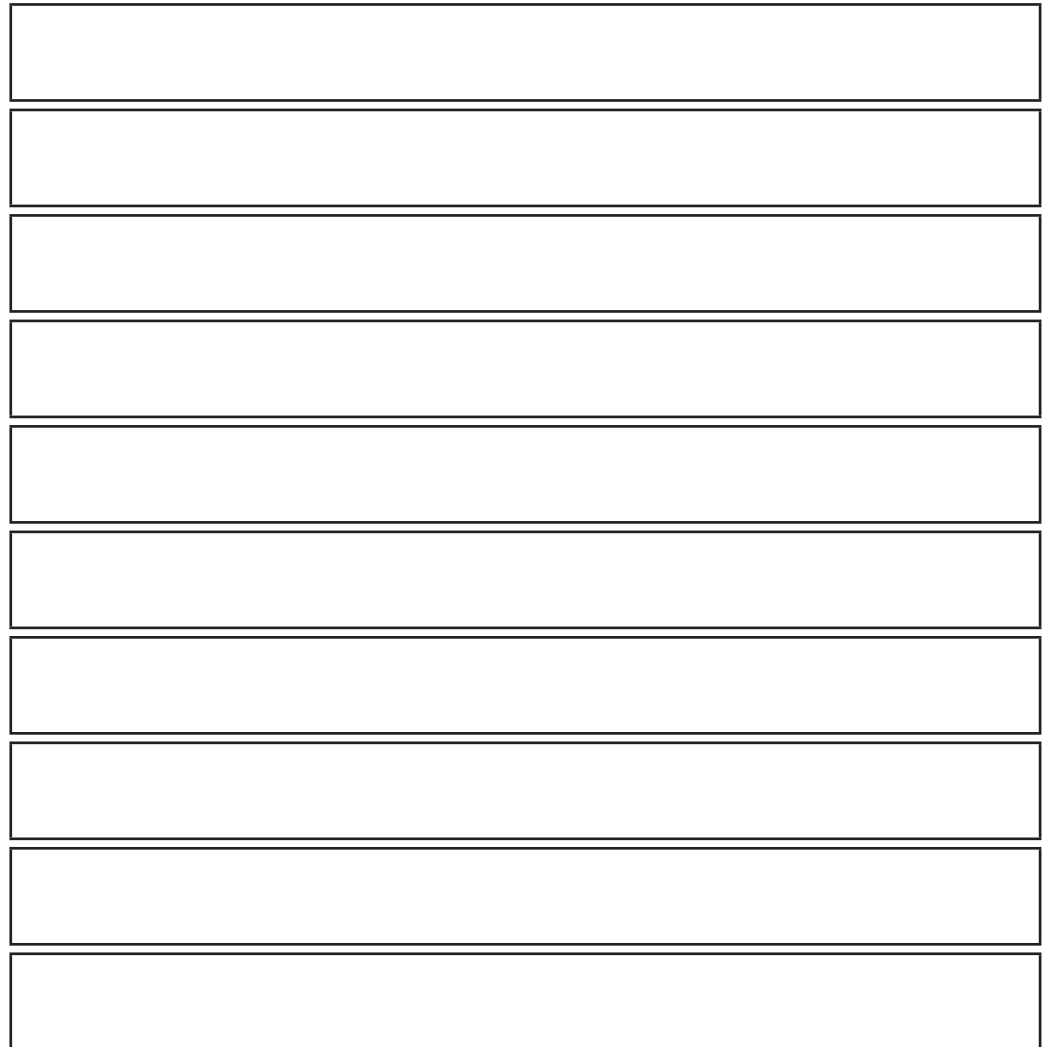
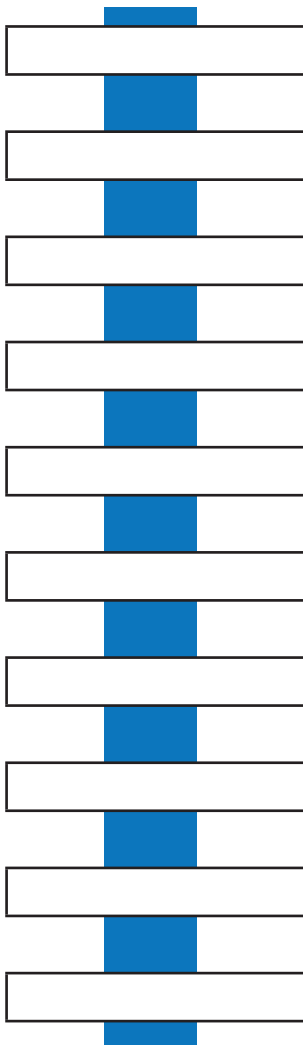
Mauna Loa Timeline

Follow the instructions to complete the activity.

NAME

DATE

Use the book, and research in the library and online, to create a list of important events in the history of Mauna Loa. Your list should include at least 10 events. Organize the events by time period, from oldest to most recent. Then, use your list of events to create a timeline.



True or False?

Decide whether the following statements are true or false. If the statement is false, make it true.

1 The state of Hawai'i consists of eight major volcanic islands called the Hawai'ian Chain.

2 It is safe to stand on a bench of newly hardened lava.

3 Magma is called lava when it breaks through Earth's crust.

4 The largest eruption of Mauna Loa on record occurred in 1950.

5 Nobody lives near Mauna Loa because of eruptions.

6 James Cook was the first European to climb Mauna Loa.



Short Answer

Answer the following questions using information from the book.

1 What type of volcano is Mauna Loa?

2 How did animal life get to Hawai'i?

3 Mauna Loa produces two types of lava. One type is called a'a. Name the other.

4 What is the theory that scientists use to explain the movement of Earth's plates?

5 To survive Mauna Loa's changing geology, what must local plants and animals do?



Multiple Choice

Choose the best answer for the following questions.

- 1** What does Mauna Loa mean?
 - a "Fat mountain"
 - b "Long mountain"
 - c "Tall mountain"
 - d "Snowy mountain"
- 2** A shield volcano is a volcano that is:
 - a gently sloped
 - b steep
 - c cone-shaped
 - d extinct
- 3** Hawai'ians were originally from:
 - a Polynesia
 - b China
 - c North America
 - d Australia
- 4** The first recorded eruption of Mauna Loa was in:
 - a 1912
 - b 1984
 - c 1832
 - d 1776



Key Words Match-Up

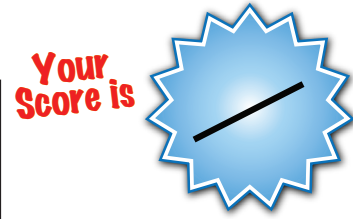
Write the words from the list below in the box above the correct definition for each word.

NAME

DATE

KEY WORDS

altitudes	evacuation	methane gas
caldera	extinct	relocation
cyclonic	geology	volcanology
endangered	lava	



%

- a giant crater on top of a volcano
- the scientific study of Earth
- melted rock that flows from a volcano
- associated with tornadoes
- moving people to a new home
- heights above sea level
- a highly flammable, odorless, colorless gas
- the act of leaving a location due to danger
- the study and science of volcanoes
- no longer existing
- in danger of becoming extinct

