

# Volcanoes - Fire Mountains

Reading Worksheet — Level C |  
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A volcano is an opening in the Earth. Hot **melted** rock called lava comes out. When a volcano **erupts**, it shoots lava, ash, and gas into the sky. Volcanoes can be very dangerous but also very beautiful.

Volcanoes form when hot rock from deep **underground** pushes up. The Earth has a hot center called the **core**. The rock there is so hot it becomes liquid. This liquid rock is called magma.

There are different types of volcanoes. Some are very **active** and erupt often. Some are **dormant**, which means they are sleeping. Others are extinct and will never erupt again.

Volcanoes can be found all over the world. Many are in the "Ring of Fire" around the **Pacific** Ocean. Hawaii has volcanoes that tourists visit. Mount Fuji in Japan is a famous dormant volcano.

Volcanoes are not all bad. The ash makes **soil** very good for farming. Hot springs near volcanoes are used for **energy**. Scientists study volcanoes to help keep people safe.



## A. Vocabulary

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|---------------------|--|
| 1. melted ____      | a. doing things; not quiet             |
| 2. erupts ____      | b. turned from solid to liquid by heat |
| 3. underground ____ | c. people who visit places             |
| 4. core ____        | d. below the ground                    |
| 5. active ____      | e. power to do work                    |
| 6. dormant ____     | f. the largest ocean                   |
| 7. Pacific ____     | g. dirt where plants grow              |
| 8. soil ____        | h. the center of something             |
| 9. energy ____      | i. explodes or bursts out              |
| 10. tourists ____   | j. sleeping; not active now            |

## B. True or False

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1. Lava is cold rock. \_\_\_\_
2. Magma is liquid rock underground. \_\_\_\_
3. All volcanoes erupt every day. \_\_\_\_
4. The Ring of Fire is around the Pacific Ocean. \_\_\_\_
5. Dormant means the volcano is sleeping. \_\_\_\_
6. Mount Fuji is in China. \_\_\_\_
7. Volcanic ash is good for farming. \_\_\_\_
8. The Earth has a hot core. \_\_\_\_
9. Extinct volcanoes will never erupt again. \_\_\_\_

## C. Fill in the Blanks

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**Word Bank:** melted, erupts, underground, active, dormant, soil, energy

1. Hot \_\_\_\_\_ rock called lava comes out of volcanoes.
2. When a volcano \_\_\_\_\_, it shoots lava into the sky.
3. Hot rock from deep \_\_\_\_\_ pushes up to make volcanoes.
4. Some volcanoes are \_\_\_\_\_ and erupt often.
5. Volcanic ash makes \_\_\_\_\_ very good for farming.

## D. Comprehension Questions

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1. What is lava?
2. What is the difference between magma and lava?
3. What does dormant mean?
4. Where is the Ring of Fire?
5. How can volcanoes help people?

## E. Discussion Questions

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1. Would you like to see a volcano? Why or why not?
2. Why do people live near volcanoes?
3. What would you do if a volcano erupted near you?

# Answer Key

*Volcanoes - Fire Mountains — Teacher Reference Only*

**A. Vocabulary:** 1-j, 2-d, 3-e, 4-f, 5-g, 6-a, 7-h, 8-b, 9-i, 10-c

**B. True/False:** 1-F, 2-T, 3-F, 4-T, 5-T, 6-F, 7-T, 8-T, 9-T

**C. Fill Blanks:** 1-melted, 2-erupts, 3-underground, 4-active, 5-soil

**D. Comprehension:**

1. Hot melted rock that comes out of volcanoes
2. Magma is underground, lava is above ground
3. Sleeping, not active now
4. Around the Pacific Ocean
5. Ash makes good soil, hot springs provide energy