

**VOLCANOES**  
Southern New England Conference  
Presented by: Area Coordinator Elisa Bravo  
Sunday, May 3, 2020



Name: \_\_\_\_\_

1. What is volcanology and what do volcanologists do?

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2. Describe the five types of volcanoes:

a. Composite \_\_\_\_\_

b. Cinder cone \_\_\_\_\_

c. Shield \_\_\_\_\_

d. Caldera \_\_\_\_\_

e. Fissure \_\_\_\_\_

\_\_\_\_\_

3. Be able to label the parts of a volcano on a worksheet or in a drawing of your own.

a. Crater

e. Dike

b. Summit

f. Throat

c. Base

g. Vent

d. Conduit

h. Magma Reservoir

4. Describe the different types of lava. Draw a picture of each kind.

a. Pahoehoe Flows

c. Block Lava

b. Aa Flows

d. Pillow Lava

5. Define the following terms:

a. Pyroclastic Materials \_\_\_\_\_

1. Bomb \_\_\_\_\_

2. Block \_\_\_\_\_

3. Cinder \_\_\_\_\_

4. Pumice \_\_\_\_\_

b. Pyroclastic Flow \_\_\_\_\_

c. Lahar \_\_\_\_\_

d. Magma \_\_\_\_\_

e. Plutons \_\_\_\_\_

f. Hot Spot \_\_\_\_\_

6. Explain how a volcano erupts.

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7. Define the four levels of volcano activity:

a. Active \_\_\_\_\_

b. Intermittent \_\_\_\_\_

c. Dormant \_\_\_\_\_

d. Extinct \_\_\_\_\_

8. What is the Ring of Fire and where is it found?

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9. Describe How the Hawaiian Islands were/are still being formed.

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