

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?

- 2. Describe the five types of volcanoes:
- a. Composite _____

- 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
- b. Summit
- c. Base
- d. Conduit

e. Dike

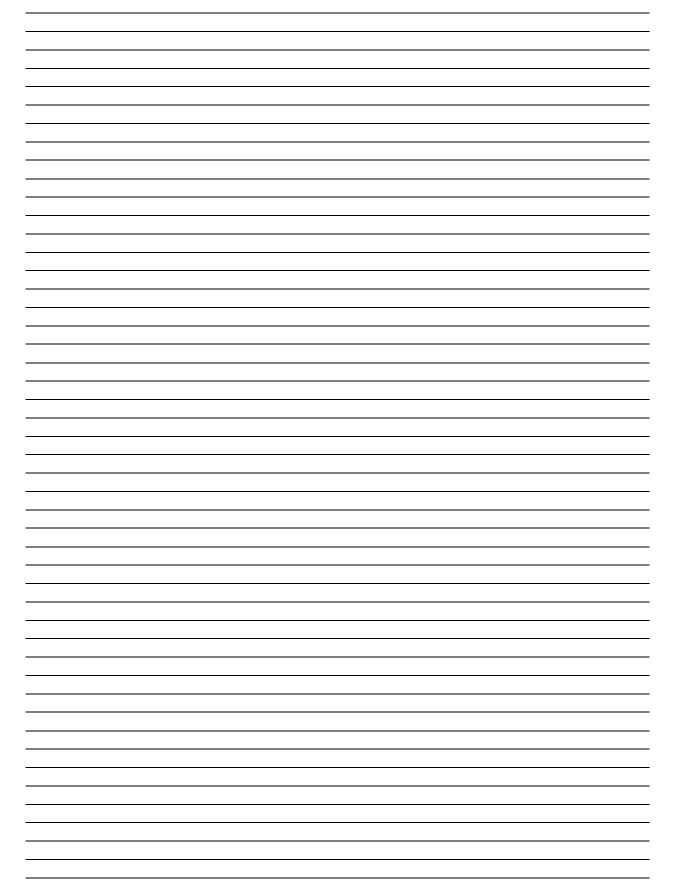
- f. Throat
- g. Vent
- h. Magma Reservoir
- 4. Describe the different types of lava. Draw a picture of each kind.
- a. Pahoehoe Flows
- b. Aa Flows

- c. Block Lava
- 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.
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?
9. Describe How the Hawaiian Islands were/are still being formed.

10. Research the eruption of Mount St. Helens or some other volcano of your choice. Write a 1-page report on what you found.



11. Find a verse in the Bible that talk about volcanoes. (Hint: use a modern version).

12. Make your own 3D model of a volcano <u>https://www.learning4kids.net/2012/04/11/how-to-make-a-homemade-volcano/</u>