

1. What are at least two things that can be triggered by a volcano?

2. The three volcano stages are:

a _____, d _____, and e _____

3. Why do volcanoes erupt? Tell a cause: _____

4. Approximately how many active volcanoes are on Earth? _____

5. Name two U.S. states that have active volcanoes:

_____ and _____

6. Magma is liquid rock _____ the volcano, and lava is liquid rock that flows _____ of the volcano.

Options:

- 1) Click on a pictured volcano on the HOME page, and then scroll down or click on "general information" to get facts.
- 2) OR, click on the name of a volcano on the right side under "new activity / unrest"

Name of Volcano: _____ Country: _____

Type of Volcano: _____ Year Last Erupted: _____

Interesting fact: _____

Kilauea

What types of things do you notice in the pictures? _____

Interesting fact: _____

*Click on webcam to view a current picture.

Where are most of the volcanoes on the map? _____

Which ones (if any) are in WATCH or WARNING level? _____

Click on a triangle to see a name and picture.

*******Have your teacher OK/initial your paper to get permission to go to the last link/website.**

Volcano Explorer instructions:

- 1) Click ENTER**
- 2) On the LEFT side, click on Volcano Types and down in the bottom right corner to see and read about all three types.**
- 3) On the LEFT side, click on Inside a Volcano to read and see a diagram of the inside of the volcano.**
- 4) On the LEFT side, click on Virtual Volcano “Build your own volcano”**
 - a) Read the paragraph to see what “viscosity” and “gas” levels do.**
 - b) Raise/lower the levels of viscosity and gas and click on “set conditions”**
 - c) Look at the type of volcano you created and start the eruption.**
 - d) Record your results:**

Conditions: (high, medium, low)	Type of Volcano:	Results:
Viscosity: H M L Gas: H M L		
Viscosity: H M L Gas: H M L		
Viscosity: H M L Gas: H M L		
Viscosity: H M L Gas: H M L		