

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

Date: \_\_\_\_\_

Period: \_\_\_\_\_

### NOVA – Deadliest Volcanoes

Go to <http://www.pbs.org/wgbh/nova/earth/deadliest-volcanoes.html>

Watch the video & answer the following questions. There will be a writing assessment on this material on Tuesday December 8<sup>th</sup>. Please if you do not understand something ask in class

1. How many active volcanoes are there in the world today? \_\_\_\_\_
2. In the past 200 years, approximately how many people have been killed by volcanic eruptions? \_\_\_\_\_  
\_\_\_\_\_
3. How can GPS be used to show the motion of magma thousands of feet underground? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
4. What is the Ring of Fire? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. What does a seismometer measure? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. What is causing the Yellowstone Super Volcano? \_\_\_\_\_  
\_\_\_\_\_
7. What technique do scientists use to “see” inside Vesuvius? \_\_\_\_\_  
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8. What do scientists hope to learn by drilling under Campe Flagree? \_\_\_\_\_

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9. What do the UV cameras measure at the volcanic island in Italy? \_\_\_\_\_

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10. What does an increase in CO<sub>2</sub> emissions mean? \_\_\_\_\_

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11. What is a “Lahar” and why are they important to monitor in Washington State ? \_\_\_\_\_

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12. Why does measuring surface water on Mount Rainer give clues to possible eruptions? \_\_\_\_\_

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13. How are Acoustic Monitors used to protect the people around Mount Rainer? \_\_\_\_\_

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