

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

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

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## Movie Sheet: Vesuvius

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**Directions:** As you watch How Earth Was Made: Vesuvius, answer the following questions.

1. How many lives are at risk today?
2. How wide is the crater?
3. How fast would a pyroclastic flow travel down the mountain?
4. Would the people across the waters in Naples be safe?
5. How thick is the ash layer that was found?
6. What do the cliffs of show?
7. What is the white rock they found from the 79 AD eruption?
8. How high was the eruption?
9. How did Piney describe the cloud?
10. How did many of the victims die?
11. What was the cause of the death for the people in the bathhouses at Herculaneum?
12. Why is the tree bent over?
13. How hot can a pyroclastic flow be?
14. What is a fumarole?
15. How big is the magma chamber?
16. What happens before each eruption within the last 400 years?
17. When was the last massive earthquake and what was the magnitude of that earthquake?
18. What percentage of the world's population lives in the shadow of a volcano?
19. How many volcanoes on average erupt each year?
20. What is the last statement of the video?