



"Wait! Wait! ... Cancel that, I guess it says 'helf.'"

Sec. _____ Name: _____

Experiment: The volcano Watcher
(E. Science 9-12-1dd)

Purpose: To observe the research being done on the inner workings of volcanoes.

Materials: Science video # 10

Methods and Results: Answer the questions as they occur in the video.

1. What is the world's most active volcano?
2. Who video taped these pictures?
3. What degree did the Crafts graduate with?
4. How many volcanoes start each year?
5. How many active volcanoes are there each year?
6. What do volcanic gases do?
7. In 1973 what country did they go to and why?
8. What do they do before they go into a volcano?
9. How did the volcano affect the harbor?
10. How did they attempt to slow down the lava flow?
11. What country did they go to next?
12. What is unique about the volcano in Sicily?
13. What is the speed and temperature of this lava flow?
14. What experiments did the authorities agree to fund?
15. How come this volcano does not kill people?
16. How did Plato describe how volcanoes occur?

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17. Describe today's theory on how volcanoes occur?
 - a. plates collide
 - b. plates apart
18. Explain how hot spot volcanoes occur.
19. Can we control volcanoes?
20. Explain methods of dealing with volcanoes.
21. What do they use volcanoes for?
22. What happened the 10 the of July 1977?
23. At what speed did this lava flow occur?
24. What was unusual about this eruption?
25. What unique thing does Indonesia have?
26. What advantage does the volcanic ash give?
27. How did they rescue their homes?
28. After 50 eruptions what threat was to occur?
29. What are cracks in the rocks called?
30. What destroyed the forests?
31. What is unique about this lake?
32. How do they harvest sulfur?
33. What does this volcano in the Indian ocean tell us?
34. What ring is around the Pacific Ocean?
35. What do the Crafts do with he material at home?
36. What did the Crafts see in Hawaii that was so fascinating?

