

Name: _____ Date: _____ Period: _____ Your class #: _____

Mt. St. Helens: Back From the Dead Video Worksheet

1. When did Mt. St. Helens erupt last?
2. Where is Mt. St. Helens located?
3. How much magma was released during the eruption?
4. What is a pyroclastic flow?
5. How far from the summit is Spirit Lake located?
6. How many people were killed by the eruption?
7. How far away was the furthest victim?
8. How many birds disappeared during this disaster? How many insects?
9. What happened to Spirit Lake? Explain.
10. Explain what the landscape in region looked like after the eruption (end of part 1).
11. What is the Pacific Ring of Fire?
12. Explain what has caused the volcano at Mt St. Helens.
13. What did ecologists find when they first came to the mountain after the eruption?
14. What were the first signs of life on the mountain? What did they see happening?
15. Why were the ecologists so surprised to see a flowering plant a year after the eruption?

16. How did the plant manage to grow in such a barren area? Explain.

17. What is a pioneering species? How do they help out in nutrient poor environment?

Explain.

18. What is causing earthquakes on Mt. St. Helens?

19. Explain how the pioneering species are helping to revive the landscape.

20. What were scientists finding in Spirit Lake? Why was the dissolved oxygen levels so low?

21. Explain how life in the lake is able to come back. What species is first (pioneering species)?

22. How are the salamanders able to survive in the harsh environment?

23. How was the rate of recovery on the mountain? Was it what scientists expected?

24. Where does all of the explosive force in volcanoes come from? Where does the gas come from?