

National Geographic *Volcano!* Video Questions

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

1. What are the four main layers of Earth? Diagram them below as Mr. Traeger goes over them up front.
2. Where does Earth get its internal heat from to drive volcanoes? There are three things.
3. What is a volcano?
4. What does a volcanologist do for a living?
5. How many large eruptions will occur in an average year?
6. What kinds of gases are emitted from a volcano?
7. What is nuee ardente (glowing cloud)?
8. Where are 90% of the Earth's volcanoes found?
9. What is hot spot volcanism? Explain.
10. What is subduction volcanism? Explain.
11. What is sea floor spreading volcanism? Explain.
12. How hot is dark colored (mafic) lava? What is its temperature?
13. How hot is light colored (felsic) lava? What is its temperature?
14. What kinds of hazards do volcanoes pose for people living near by? Name as many as you can think of.
15. What kinds of things might volcanologists look for when trying to forecast volcanoes? Name as many as you can think of.
16. What kinds of rocks form at volcanoes? Igneous, Sedimentary, or Metamorphic?