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♥ Marie

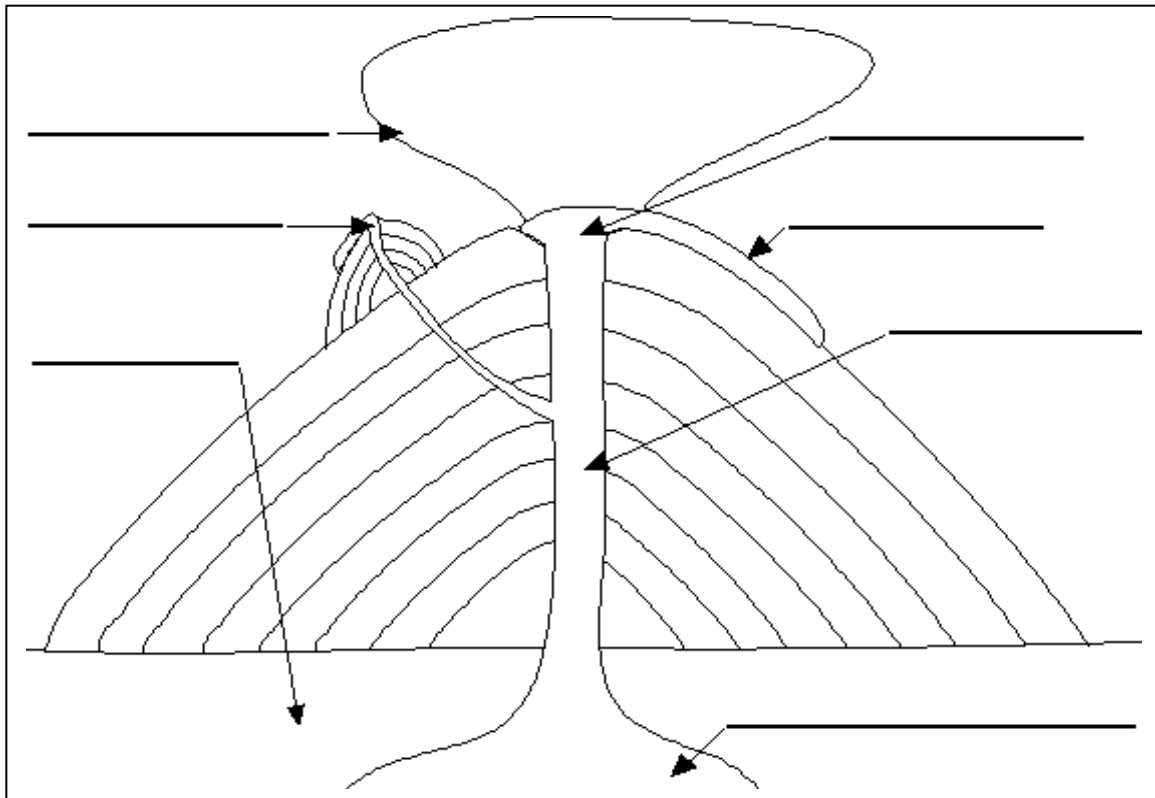
Volcanoes Comprehension Questions

This set of questions was created years ago as a study guide for middle school students before a test. It would also make an appropriate comprehension guide for those students at home looking to review the covered volcano information. These questions would make a great discussion topic.

All About Volcanoes...

- 1.) What is a volcano?
- 2.) What causes volcanoes?
- 3.) What is the largest volcano in the solar system?
- 4.) What is the difference between magma and lava?
- 5.) How does a batholith form?
- 6.) What is the Ring of Fire?
- 7.) Why do you think the rim around the Pacific Ocean is called the “Ring of Fire?”
- 8.) Describe what a hot spot is.
- 9.) If a hot spot is stationary, which means it does not move, then how is that a string of volcanoes can form from one hot spot?
- 10.) What is a perfect example of a hot spot?
- 11.) How does an island arc form?
- 12.) What is a magma chamber?
- 13.) What is a pipe?
- 14.) What is a vent?

15.) Label the volcano diagram.



16.) Describe lava flow.

17.) What is a crater?

18.) How does silica affect magma?

19.) What causes a volcano eruption to be quiet?

20.) What causes a volcano eruption to be explosive?

- **Write a paragraph explaining why volcanoes and earthquakes occur often around the Ring of Fire.**
