Volcano WebQuest

A) Explore: Use the following websites to explore the different volcanoes.
- a. **Mt. St. Helens**: 360 degree view of the top: http://www.fullscreen360.com/st-helens
  Mt. St. Helens: Volcano Cams: https://www.fs.fed.us/gpnf/volcanocams/msh/
- b. **Sunset Crater**: Smithsonian Institute Global Volcanism Program: https://volcano.si.edu/volcano.cfm?vn=329020
- c. **Nyiragongo**: Smithsonian Institute Global Volcanism Program: https://volcano.si.edu/volcano.cfm?vn=223030
  Nyiragongo: Video of eruptions: https://www.youtube.com/watch?v=o6e2OvIbJc8
- d. **Kilauea**: Smithsonian Institute Global Volcanism Program: https://volcano.si.edu/volcano.cfm?vn=332010

1. Name one volcano you "explored" virtually?

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2. What did you see?

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B) Types of Volcanoes: https://pubs.usgs.gov/gip/volc/types.html

3. List the types of volcanoes and give examples of each.

-_____   Example: _____

-_____   Example: _____

-_____   Example: _____

C) History of Volcanoes: https://pubs.usgs.gov/gip/monitor/intro.html

4. How many active volcanoes are there? _____

5. What did ancient people think was the cause of volcanoes?

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6. How many lives have been lost to volcanoes in the last 500 years?

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D) Volcano Predictions: https://sciencing.com/instruments-used-monitor-volcanoes-6401014.html

7. List two instruments used for prediction and tell how they work.

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E) Deadly Volcanoes: https://www.pbs.org/wgbh/nova/volcanocity/deadly.html

8. Choose one volcano and write a descriptive paragraph of why it is so "deadly".

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F) Volcano Hazards: https://volcanoes.usgs.gov/observatories/hvo/hawaii_hazards.html

9. List three hazards with three facts each ex. formation, damage caused, etc.

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G) Interviews with Volcanologists: http://volcano.oregonstate.edu/interviews

10. Would you want to be a volcanologist? Give three reasons why or why not.

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H) Volcanoes-Frequently Asked Questions: https://volcanoworld.wordpress.com/category/faq/

11. What volcano related question would you like answered?

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12. a. Which question that was asked did you find interesting?

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b. What was the volcanologist's answer?

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