VOLCANO PROJECT

Information Sheet and Schedule of Due Dates

Volcanoes come in all shapes and sizes with varying degrees of activity. They are not always big, cone- shaped mountains spewing out lava in grand explosions. This third trimester project will allow you to get up close and personal with one of the more notable eruptions in history. Each of you will select a volcano from the list below. After researching the volcano and answering the Guiding Questions on notecards, you will produce one of the three options, due on the day of your science "final." The Volcano Project is due either June 7th or June 8th and is worth 100 points.

1. Agung, Indonesia
2. Asama, Japan
3. Askja, Iceland
4. Cleveland, US - Alaska
5. Cotopaxi, Ecuador
6. El Chichon, Mexico
7. Erebus, Anarctica
8. Etna, Italy
9. Eyjafjoll, Iceland
10. Fuji, Japan
11. Galunggung, Indonesia
12. Izalco, El Salvador
13. Kilauea, Hawaii
14. Komaga-take, Japan
15. Krakatau, Indonesia
16. Lamington, Papua New Guinea
17. Loki-Fogrufjoll, Iceland
18. Mauna Kea, Hawaii
19. Mauna Loa, Hawaii
20. Mayon, Philippines
21. Nevado del Ruiz, Colombia
22. Novarupta, Alaska
23. Oshima, Japan
24. Papdayan, Indonesia
25. Pelee, Martinique
26. Pinatubo, Phillipines
27. Popocatepetl, Mexico
28. Rainier, Washington
29. Sabancaya, Peru
30. Santa Maria, Guatamala
31. Shasta, US - California
32. Soufriere St. Vincent – West Indies
33. St. Helens, US - Washington
34. Stromboli, Italy
35. Taal, Philippines
36. Tambora, Indonesia
37. Unzen, Japan
38. Vesuvius, Italy
39. Yasur, Vanuatu
40. Yellowstone, US – Wyoming

Project Components and Schedule

Option 1: Volcano Travel Brochure - You work for a travel agency, which specializes in travel to famous volcanoes. Create a travel brochure about one volcano to encourage people to visit this fascinating place.

Option 2: Volcano Google Slides Presentation - Your job is to create a Google Slides presentation that will convince travelers via the Internet that they would like to visit this spectacular volcano as a travel destination. You will give an oral presentation to the class.

Option 3: Volcano Research Paper – You will write a research report on your volcano.

Show your choice to your science teacher by May 17, 2017.

Volcano project choice and parent signature due on Wednesday, May 17, 2017.

1. Student Name (printed) _____
2. Selected Volcano: _____
3. Circle Choice: Travel Brochure Google Slides Presentation Research Paper

Parent Signature _____

*Complete descriptions of each project options are available on teacher website.

*Student will have 8 class periods to work on this project. Students are encouraged to bring in their own devices beginning May 18th. The devices can be stored in the classroom for safety.

*Project is due on the day of Finals, either June 7th (Periods 1, 3, 5) or June 8th (Periods 2, 4, 6).

Guiding Questions

Answer these questions. Use these questions to guide your research, and using notecards, write down the important information. Be sure to include the source. (Follow the examples of source cards found on the next page). Then, organize your notecards to help you complete the project. You will turn in your notecards and bibliography on the day of the final.

1. What is the name of the volcano, the location (country or region), tectonic plate (example: Pacific Plate), and coordinates? What is the distance, name, and population of the nearest major city?
2. What is its age, type of volcano (Shield, Composite, Cinder Cone), and composition? Include size, altitude, and features.
3. What is its condition? (Dormant, active, extinct.) When was the most recent eruption? When was the date of its most destructive eruption?
4. Is the volcano a result of a hot spot, a spreading plate boundary, or subduction? If subduction, what two types of plates are involved?
5. What type of eruptions does it produce?
6. What are the crater dimensions of your volcano?
7. What are some of the effects of past eruptions on the landscape, people, and the planet, in general?
8. What are some of the benefits of this volcano's eruptions?
9. What tales and legends are associated with this volcano?
10. What does the future hold for this volcano? What do experts predict?
11. What could scientists do to predict and prepare for future disasters?

Keep in mind that some of the volcanoes may have less information than others, so you may need to substitute interesting facts if you cannot find all of the requested information.

Use these websites to begin your research:

- http://www.volcano.si.edu/
- http://www.avo.alaska.edu/volcanoes/volcano_search.php
- http://volcanoes.usgs.gov/about/volcanoes/volcanolist.php
- http://volcano.oregonstate.edu/
- http://vulcan.wr.usgs.gov/Volcanoes/framework.html
- http://earthobservatory.nasa.gov/NaturalHazards/category.php?cat_id=12
- https://www.volcanodiscovery.com/volcanoes.html

Any other websites you use should be reliable sources of information. The most reliable websites usually end in .edu or .gov, so try to stick with those websites. Remember to record all of your sources in your bibliography.