Volcano Project

For the past several weeks we have been studying plate tectonics and some of the effects of plate movement. One of the effects is volcanoes. Volcanoes come in all shapes and sizes with varying degrees of activity. As we have learned, not all volcanoes are big cone-shaped mountains that spew out lava in giant explosions. Each of you will be assigned a volcano from the list below. Once you have your assigned volcano, then you can begin to gather information. Once you have gathered information to all of the questions located on the back, you can begin to prepare a presentation for the class. The presentation may be in the form of a poster or model of your volcano.

If doing a poster:

- Prepare a poster no smaller than 17” x 22”
- Poster should be neat and organized
- Creative use of materials
- At least 2 pictures
- All required information (found on back)

If doing a model:

- Be sure model represents your assigned volcano
- Does not have to function, but would be a bonus
- Must be on some type of base
- Creative use of materials- clay, play dough, paper mache, and soil
- All required information (found on back)

Volcanoes or volcanic areas you may choose from:

1. Aleutian Islands, US
2. Kilauea, Hawaii
3. Hekla, Iceland
4. Krakatau, Indonesia
5. Mt. Etna, Italy
6. Stromboli, Italy
7. Vesuvius, Italy
8. Usu, Japan
9. Sakura-Jima, Japan
10. Colima, Mexico
11. Popocatepetl, Mexico
12. Soufriere, Montserrat
13. Taupo, New Zealand
14. San Cristobal, Nicaragua
15. Mayon, Philippines
16. Sheveluch, Russia
17. Mt. St. Helens, US
18. Mt. Hood, US
19. Mt. Rainer, US
20. Cameroon, West Africa
21. Mount Erebus, Antarctica
22. Lascar, Chile
23. Galapagos Islands, Ecuador
24. Mt. Fuji, Japan
25. Oshima, Japan
26. Asama, Japan
27. Mt. Pinatubo, Philippines
28. Taal, Philippines
Fill out the form and use the information to create your poster or model

Basic info to have SOMEWHERE on your poster or model:
The name of your volcano____________________________________________________
It’s latitude and longitude __________________________________________________
The country that it is located in and the state, city, or town that it is closest to ____________________________

The following are SECTIONS you need to have on your poster or model:

1. Plate Tectonics
   What plates are causing your volcano to form? _________________________________
   What type of Plate Boundary is creating your volcano? _________________________
   Describe what is happening to the plates to form the volcano. _________________
   _________________________________________________________________________
   _________________________________________________________________________

2. Type of Volcano
   What type of cone does it have? _____________________________________________
   What type of lava forms your volcano? _______________________________________ 
   What type of eruption does it produce: Violent, quiet, or both? _______________
   What types of volcanic rock fragments or lava come out of your volcano? _____
   _________________________________________________________________________

3. Effects of the Volcano
   Who lives near your volcano: towns, villages, nobody? _________________________
   Discuss any legends or stories associated with the volcano. (you may need more
   room for this)_________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________
   ___________________________________________________________________________

   What is life like near the volcano? _____________________________________________
   What is it’s eruption history? _________________________________________________
   When did it last erupt? _______________________________________________________
   What kinds of damages occurred? ________________________

Here are a few links that may help get you started:
- http://www.volcano.si.edu/world/