Plate Tectonic Assignments

Choose at least 40 points of work. Students who are in need of more credit you should do 70 points. All work is expected to be in a final form and of very high quality. Make sure the essential questions are answered.

- 1. Research a scientist who contributed to the plate tectonic theory or is involved in volcanoes or earthquakes. Write a story about them on the day they announced their discovery or on their job. Include background information. (10 Points)
- 2. Do an interview of a famous scientist. (5-10 pts)
- 3. Create a cross word puzzle with 10 up and 10 down. (5 pts)
- 4. Create a game. 20 questions and a related board (20 pts)
- 5. Research a major earthquake or volcano and make a diary of that experience as if you were there. Include location, type, destruction, deaths, and use your 5 senses (10 pts)
- 6. Create a timeline of the development of seismology use pictures and creativity (10 pts)
- 7. Research and display your understand of an instrument used to study the shifting of the plates. (10 pts)
- 8. Do worksheets given (3-5 points each)
- 9. Demonstrate your understanding of plate movement with experiments and demonstrations (10 pts)
- 10. Write poems and/or sing songs about the various topics (5-10 pts)
- 11. Show movie clips and explain why the statements they are making are true or false. (5-10 pts)
- 12. Write a paper that would discuss what the earth would be like if we didn't have plate tectonics. 3 paragraphs (5-10 pts)
- 13. Draw cartoons that use humor to explain the theories. 6 frames, colored, neat (5-10 pts)
- 14. Read articles from newspapers about seismic activity. Clip out the article and describe the boundary and answer the 5 Ws in complete sentences. (5 pts)
- 15. Research the volcanic history of Minnesota and display your information in a creative way (5-10 pts)
- 16. Create a mural or collage of plate tectonic topics. Include a 1-2 paragraph explanation (5-10 pts)
- 17. Create a children's book creativity, pictures and story line (20 pts)
- 18. 3D models include a one to two paragraph explanation (5-10 pts)
- 17 Create your own assignment. Check with teacher about the rigor.