

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.