**Honors Plate Tectonics Project**

Choose at least **50** points of work from the options below within your group. All work is expected to be in a final form and of *high quality*. Simply throwing together something will not earn you the maximum points.

 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* a

 story about their job. Include background information on the scientist. **(10 pts)**

 2. Do an interview of a famous scientist and present your interview creatively. **(5-10 pts,**

 **depending on length)**

 3. Create a game on plate tectonics with a minimum of 20 questions, either on the computer or

 as a board game. **(20 pts)**

 4. 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)**

 5. Create a timeline of the development of seismology use pictures and creativity. **(10 pts)**

 6. Research and display your understanding of an instrument used to study the shifting of the

 plates. **(10 pts)**

 7. Demonstrate your understanding of plate movement with an experiments and/or

 demonstration. **(10 pts)**

 8. Write a poem and/or sing a song or rap about a topic in plate tectonics. **(10 pts)**

 9. Find an appropriate YouTube or movie clip to show (no more than 10 min) and explain why

 the statements/facts made are true or false. **(5-10 pts)**

10. Draw cartoons that use humor to explain the theories of plate tectonics. You should have at

 least 6 frames that are colored and neat. **(5-10 pts)**

11. Research the earthquake history of Maryland and display your information in a creative way.

 **(5-10 pts)**

12. Create a mural or collage of plate tectonic topics. Include a 1-2 paragraph explanation of

 what plate tectonics is. **(5-10 pts)**

13. Create a children’s book on plate tectonics - be creative with your pictures and story line.

 **(20 pts)**

14. Find news articles dealing with plate tectonics. Print the article, highlighting key facts and

 then produce something with fewer words to summarize the findings. **(10 pts**)

15. Create a 3D model to show something related to plate tectonics. If you choose to do a

 specific volcano, you must include a one-page mini-poster about the volcano itself. **(25 pts)**