**The Safest Place (to live) on Earth**

3. General Outcome: Investigate and interpret evidence of major changes in landforms and the

 rock layers that underlie them

1. Sudden Changes (Shaping of the Earth/Natural Disasters) /10 marks
2. Gradual Changes /5 marks
3. Video Editing /10 marks
4. Sound Editing /5 marks
5. References Slide at the end /5 marks

***Some ideas you should be thinking about:***

1. • investigate and interpret patterns in the structure and distribution of mountain formations (e.g., describe and interpret mountain formations of the North American cordillera)

• interpret the structure and development of fold and fault mountains

• describe evidence for crustal movement, and identify and interpret patterns in these

movements (e.g., identify evidence of earthquakes and volcanic action along the Pacific

Rim; identify evidence of the movement of the Pacific plate relative to the North American

 plate)

1. • identify and interpret examples of gradual/incremental change, and predict the results of those changes over extended periods of time (e.g., identify evidence of erosion, and predict the effect of erosional change over a year, century and millennium; project the effect of a given rate of continental drift over a period of one million years)

Note: Think natural causes for this assignment - it is ok to add Nuclear Power Plants but don’t worry about all other human issues - like crime.