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Geologist:

Date:

HR:

The Ever-Changing Surface of the Earth Explanation

Score Earned + _____

(teacher only)

13**Learning Target 2 - Success Criteria D:**

Construct an explanation based on evidence that Earth's surface has been and will continue to be changed by geological processes.

Directions: You are going to be assigned a topic to research and then write an explanation (CER) answering the question of how your assigned topic affects the surface of the Earth. You may do your research with a partner, but your explanation has to be completed individually. You must have at least two sources.

Question: How does tectonic plates affect the surface of the Earth?

Claim: they affect the earth by moving and grinding together causing earthquakes.

Evidence: the hot magma and mass make these mane 12 plates move rubbing together and causing lots of damage.

Reasoning: there for together tectonic plates are constantly moving and shaking the earth's crust and both surface.

Success Criteria - Can you identify each of the following in your explanation above?

Student ONLY ✓	Peer Edit 1 Initial	Peer Edit 2 Initial		Teacher ONLY
			Did you put your name on the top on this document?	/1 point
			Did you fill in the blank for the question above?	/1 point
			Does the <u>Claim</u> answer the question?	/1 point
			Does your <u>Evidence</u> support your claim?	/1 point
			Does your <u>Evidence</u> include words from your research/notes?	/1 point
			Does your <u>Evidence</u> include a comparison? (Compares at least two data points to one another.)	/1 point

		Does your <u>Reasoning</u> include scientific concepts or principles from your research/notes?	/3 points
		Do you have at least two works cited?	/2 points
		Did you have at two peers edit your paper before submitting?	/2 points

Works Cited: 1.

2.

Peer Editors: 1.

(first and last names) 2.