Content Area: 7th Grade Science			
Essential Standard: ESS2-2 Construct an explanation based on evidence for how geoscience processes have changed Earth's surface at varying time and spatial scales.			
Scale Title: Changing Earth			
Score 4.0	**In addition to Score 3.0, in-depth inferences and applications that indicate and extension of understanding.**		**Sample Tasks** ● Predict changes to Earth's surface based on tectonic geoscience processes. ● Impact of geoscience processes (abiotic) on the biotic factors in the ecosystem
	3.5	In addition to score 3.0 performance, in-depth inferences and applications with partial success.	
Score 3.0	**The Student will:** ● Develop evidence that identifies: ○ Slow and large scale motion of Earth's plates, including sea-floor spreading ○ Rock cycle including timescale ○ Rapid catastrophic events ● Use reasoning to connect the evidence to the claim that includes: ○ Tectonic plate movement and catastrophic events can change the Earth's surface, create new features (i.e. mountains, canyons) over long periods of time. ● Demonstrate awareness that Earth's crust is in a constant state of transformation and renewal. **The student exhibits no major errors or omissions.**		
	2.5	No major errors or omissions regarding 2.0 content and partial knowledge of the 3.0 content.	
Score 2.0	**There are no major errors or omissions regarding the simpler details and processes as the student:** **Recognizes or recalls specific terminology such as:** Tectonic Plate, Convergent, Divergent, Transform, Metamorphic Rock, Sedimentary Rock, Igneous Rock, Pressure, Magma, Mantle, Catastrophic Events, Geoscience, Convection ● develops a claim for how Earth's surface has changed over time **However, the student exhibits major errors or omissions regarding the more complex ideas and processes.**		
	1.5	With help, a partial understanding of the 2.0 content, but major errors or omissions regarding the 3.0 content.	

Score 1.0	With help, a partial understanding of some of the simpler details and processes and some of the more complex ideas and processes.	

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Score 4.0	**In addition to Score 3.0, in-depth inferences and applications that indicate and extension of understanding.**		**Sample Tasks** Predict changes to Earth's surface based on tectonic geoscience processes.
	3.5	In addition to score 3.0 performance, in-depth inferences and applications with partial success.	
Score 3.0	**The Student will:** ● Develop evidence that identifies: ○ Slow and large scale motion of Earth's plates, including sea-floor spreading ○ Rock cycle including timescale ○ Rapid catastrophic events ● Use reasoning to connect the evidence to the claim that includes: ○ Tectonic plate movement and catastrophic events can change the Earth's surface, create new features (i.e. mountains, canyons) over long periods of time. ● Demostrar conciencia de que la corteza terrestre se encuentra en un estado constante de transformación y renovación.. **El estudiante no presenta errores u omisiones importantes.**		
	2.5	No hay errores u omisiones importantes con respecto al contenido 2.0 y conocimiento parcial del contenido 3.0.	
Score 2.0	**No existen grandes errores u omisiones con respecto a los detalles y procesos más simples como el alumno:** **Reconoce o recuerda terminología específica como:** placa tectónica, convergente, divergente, transformada, roca metamórfica, roca sedimentaria, roca ígnea, presión, magma, manto, eventos catastróficos, geociencia, convección ● **desarrolla una afirmación de cómo la superficie de la Tierra ha cambiado con el tiempo** **Sin embargo, el estudiante exhibe errores u omisiones importantes con respecto a las ideas y procesos más complejos.**		

	1.5	Con ayuda, una comprensión parcial del contenido 2.0, pero errores u omisiones importantes con respecto al contenido 3.0.	
Score 1.0	Con ayuda, una comprensión parcial de algunos de los detalles y procesos más simples y algunas de las ideas y procesos más complejos.		