

<p><i>Essential Standard: Earth Systems (Rock Cycle) #3: Use rock and fossil evidence to make inferences about the age, history, changing life forms and environment of the Earth (i.e. changes in successive layers of sedimentary rock and the fossils contained within them, similarities between fossils in different geographic locations, similarities between fossils and organisms present today, fossils of organisms indicating changes in climate, fossils of extinct organisms). 5.2.D.b</i></p>		
<p>Course: ___ Science</p>		<p>Grade Level: 7</p>
<p><u>Score 4.0</u> More Complex Learning Goal</p>	<p>In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.</p>	
	<p><u>Score 3.5</u></p>	<p>In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications with partial success.</p>
<p><u>Score 3.0</u> TARGET! “Challenging but Attainable”</p>	<p>The student demonstrates an understanding of Use rock and fossil evidence to make inferences about the age, history, changing life forms and environment of the Earth (i.e. changes in successive layers of sedimentary rock and the fossils contained within them, similarities between fossils in different geographic locations, similarities between fossils and organisms present today, fossils of organisms indicating changes in climate, fossils of extinct organisms) by...</p> <ul style="list-style-type: none"> • making inferences about age of sedimentary rock layers • making inferences about how the change in climate affects plants and animals • making inferences about similarities between fossils and organisms present today • making inferences about how similar fossils in different geographic locations can relate to crustal plate movement • making inferences about how fossils of extinct organisms can relate to the plant and/or animal not able to adapt to changes in the environment <p>The student exhibits no errors or omissions on proficient questions.</p>	
	<p><u>Score 2.5</u></p>	<p>The student exhibits no major errors or omissions regarding the score 2.0 elements and partial knowledge of the score 3.0 elements.</p>
<p><u>Score 2.0</u> Simpler Learning Goal</p>	<p>The student exhibits <i>no major errors</i> or omissions regarding the simpler details and processes, such as...</p> <ul style="list-style-type: none"> • identifying the approximate age of sedimentary rock layers • identifying that climate affects plants and animals • identifying that there are similarities between fossils and organisms present today • identifying that similar fossils in different geographic locations can relate to crustal plate movement • identifying fossils of extinct organisms can relate to the plant and/or animal not able to adapt to changes in the environment 	

	However, the student exhibits major errors or omissions with score 3.0 elements.	
	<u>Score 1.5</u>	The student demonstrates partial knowledge of the score 2.0 elements but major errors or omissions regarding the score 3.0 elements.
<u>Score 1.0</u>	With help, the student demonstrates partial understanding of some of the score 2.0 elements and some of the score 3.0 elements.	
	<u>Score 0.5</u>	With help, the student demonstrates partial understanding of some of the score 2.0 elements but not the score 3.0 elements.