

Essential Standard: Earth Systems #2: Describe the methods used to estimate geologic time and the age of the Earth (e.g. techniques used to date rocks and rock layers, presence of fossils). 5.2.D.a		
Course: ___ Science		Grade Level: ___
<u>Score 4.0</u> More Complex Learning Goal	In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications that go beyond what was taught.	
	<u>Score 3.5</u>	In addition to score 3.0 performance, the student demonstrates in-depth inferences and applications with partial success.
<u>Score 3.0</u> TARGET! “Challenging but Attainable”	<p>The student demonstrates an understanding of Describe the methods used to estimate geologic time and the age of the Earth (e.g. techniques used to date rocks and rock layers, presence of fossils) by...</p> <ul style="list-style-type: none"> • describing the methods used to estimate geologic time • describing the techniques used to date rock and rock layers • describing the technique used to date rock with the presence of fossils (index fossils) <p>The student exhibits no errors or omissions on proficient questions.</p>	
	<u>Score 2.5</u>	The student exhibits no major errors or omissions regarding the score 2.0 elements and partial knowledge of the score 3.0 elements.
<u>Score 2.0</u> Simpler Learning Goal	<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 methods used to estimate geologic time • identifying the techniques used to date rock and rock layers • identifying the technique used to date rock with the presence of fossils (index fossils) <p>However, the student exhibits major errors or omissions with score 3.0 elements.</p>	
	<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.