

Science Scoring Template

Power Standard: Earth's Processes, Interactions, and Landforms	Missouri GLE:
Grade: 6	5.2.A.c.d 5.2.B.a

Score 4.0	<p>In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:</p> <ul style="list-style-type: none"> • Design a model to demonstrate a slow or abrupt change on Earth's surface. (Include diagrams with labels)
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	<p>The student will:</p> <ul style="list-style-type: none"> • Explain how the Earth's materials and surface features are changed through plate tectonics. (Earthquake and volcano) • Predict how weathering and erosion slowly cause surface changes that create or change landforms. • Describe the abrupt changes to Earth's surface and materials caused by floods, rock/mudslides, and volcanoes. <p>The student exhibits no major errors or gaps in the learning goal (complex ideas and processes).</p>
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.
Score 2.0	<p>The student will:</p> <ul style="list-style-type: none"> • Identify examples of how landforms change abruptly. • Identify examples of how landforms change slowly. • Identify examples of plate boundaries. • Identify examples of weathering. • Recognize and recall specific terms: <ul style="list-style-type: none"> ○ Slow change ○ Abrupt change ○ Convection current ○ Plate tectonics ○ Plate boundaries ○ Convergent boundary ○ Transform boundary ○ Divergent boundary ○ Weathering ○ Erosion <p>The student exhibits no major errors or gaps in the simpler details and processes.</p>
	1.5 Partial understanding of the 2.0 content with major errors or gaps in 3.0 content.
Score 1.0	With help, a partial understanding of the 2.0 content and some of the 3.0 content.
	0.5 With help, a partial understanding of the 2.0 content and none of the 3.0 content.
Score 0.0	Even with help, no understanding or skill demonstrated.

Science Scoring Template

Power Standard: Environmental Changes	Missouri GLE:
Grade: 6	4.1.D.a-c

Score 4.0	<p>In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:</p> <ul style="list-style-type: none"> • Explore the effect of human activities on water quality for human consumption and the organisms that depend on the water. • Defend a position on how humans can impact soil erosion, soil deposition and rock materials.
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	<p>The student will:</p> <ul style="list-style-type: none"> • Explain how beneficial/harmful activities affect organisms in an ecosystem. • Predict the impact of a natural environmental change. • Describe possible solutions to possible harmful environmental changes within an ecosystem. <p>The student exhibits no major errors or gaps in the learning goal (complex ideas and processes).</p>
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.
Score 2.0	<p>The student will:</p> <ul style="list-style-type: none"> • Recognize or recall specific terms: <ul style="list-style-type: none"> ○ Beneficial activities ○ Harmful activities ○ Impact ○ Natural resource (renewable and non-renewable) <p>The student exhibits no major errors or gaps in the simpler details and processes.</p>
	1.5 Partial understanding of the 2.0 content with major errors or gaps in 3.0 content.
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Science Scoring Template

Power Standard: Rocks, Soils, and Fossils	Missouri GLE:
Grade: 6	5.2.A.a 5.2.D.b

Score 4.0	<p>In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may:</p> <ul style="list-style-type: none"> • Predict how weather in different regions of Earth impacts the formation of sedimentary rocks. • Investigate fossils and the processes by which they are formed. • Research how fossil evidence can be used to make inferences about Earth's changes and the related environment.
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	<p>The student will:</p> <ul style="list-style-type: none"> • Describe how the formation of sedimentary rocks depends on weathering and erosion. • Explain the types of fossils and the processes by which they are formed. • Use fossil evidence to make inferences about changes on Earth and the related environment. (i.e. similarities between fossils in different geographical locations, fossils of seashells indicate the area was once underwater) <p>The student exhibits no major errors or gaps in the learning goal (complex ideas and processes).</p>
	2.5 No major errors or gaps in 2.0 content and partial knowledge of 3.0 content.
Score 2.0	<p>The student will:</p> <ul style="list-style-type: none"> • Recognize or recall specific terms: <ul style="list-style-type: none"> ○ Sedimentary rocks ○ Superposition of rock layers • Recognize or recall accurate statements about the types of fossils and the processes by which they are formed. • Recognize or recall examples of fossils specific to periods of change in the Earth and the environment. <p>The student exhibits no major errors or gaps in the simpler details and processes.</p>
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