

Science Scoring Template

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

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| 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> |
| | 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. |