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| **Strand: Science – Earth Science** |
| **Topic: Layers of the Earth** |
| **Grade: 7th Grade** |
| **Score 4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond what was taught.**1. Can accurately explain how the composition and state of mater of each of the layers can cause different things to occur on Earth.
2. Can explain why each of the layers of the Earth is in its particular state of matter.
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|  | **3.5** | In addition to score 3.0 performance, in-depth inferences and applications with partial success. |
| **Score 3.0** | **There are no major errors or omissions regarding the simpler details and processes as the student:**1. Accurately explains how convection currents occur.
2. Can describe the states of matter of each of the layers of the Earth.
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|  | **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:*** Can define the following terms:
1. Convection Current
2. Magma
* Can accurately label the following parts of the earth:
	1. Mantle
	2. Oceanic Crust
	3. Continental Crust
	4. Inner Core
	5. Outer Core

**However, the student exhibits major errors or omissions regarding the more complex ideas and processes.** |
|  | **1.5** | Partial knowledge 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.** |
|  | **0.5** | With help, a partial understanding of the 2.0 content, but not the 3.0 content. |
| **Score 0.0** | **Even with help, no understanding or skill demonstrated.** |