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| **Strand: Science – Process Skills** | | |
| **Topic: Metric Measurements** | | |
| **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 convert to different prefixes within units (millimeter to meter…etc) | |
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|  | **3.5** | In addition to score 3.0 performance, in-depth inferences and applications with partial success. |
| **Score 3.0** | **The student:**   1. Accurately measures mass using a triple beam balance to the to the nearest tenth of a gram 2. Accurately measures length to the nearest millimeter 3. Accurately identifies the correct unit of measurement for length. 4. Accurately measures volume to the nearest milliliter   **The student exhibits no major errors or omissions.** | |
|  | **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:**   * Recognizes or recalls specific terminology, such as:  1. Liter 2. Meter 3. Gram 4. Mass 5. Volume 6. Triple beam balance 7. Graduated cylinder 8. Meter stick 9. Length 10. Meniscus   **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.** | |