|  |  |  |  |
| --- | --- | --- | --- |
| **LG #** | **608** | **Standards:** | **6.SP.1.1, 6.SP.1.2, 6.SP.1.3** |
| **4.0** | **In addition to Score 3.0, in-depth inferences and applications that go beyond instruction to the standard.**  **The student will be able to:**   * Create a data set that satisfies given values for measures of center   **No major errors or omissions regarding the score 4.0 content.** | | |
| **3.5** | In addition to 3.0, in-depth inferences and applications with partial success. | | |
| **3.0** | **Students will be able to develop understanding of statistical variability.**  **The student will be able to:**   * [Recognize and justify a statistical question as one that anticipates variability in the data related to the question and accounts for it in the answers.](http://www.cpalms.org/Public/PreviewResource/Preview/66197) ([6.SP.1.1](http://www.cpalms.org/Public/PreviewResource/Preview/66198)) * Recognize and justify that [a measure of center for a numerical data set summarizes all of its values with a single number](http://www.cpalms.org/Public/PreviewResource/Preview/67484), while [a measure of variation describes how its values varies with a single number](http://www.cpalms.org/Public/PreviewResource/Preview/67520). ([6.SP.1.3](http://www.cpalms.org/Public/PreviewResource/Preview/67866))   **No major errors or omissions regarding the score 3.0 content (simple or complex).** | | |
| **2.5** | No major errors or omissions regarding 2.0 content and partial knowledge of 3.0 content. | | |
| **2.0** | **The student recognizes and describes specific terminology such as:**   |  |  |  | | --- | --- | --- | | * Interquartile Range * Mean * Mean Absolute Deviation * Measures of Center | * Measures of Variation * Median * Mode * Outlier | * Range * Statistical Question * Statistics |   **The student will be able to:**   * Understand that a set of data collected to answer a statistical question has a distribution which can be described by its [center](http://www.cpalms.org/Public/PreviewResource/Preview/65107), [spread](http://www.cpalms.org/Public/PreviewResource/Preview/65108), and [overall shape](http://www.cpalms.org/Public/PreviewResource/Preview/65110). ([6.SP.1.2](http://www.cpalms.org/Public/PreviewResource/Preview/65103)) * Recognize the difference between a measure of center and a measure of variation. (6.SP.1.2) | | |
| **1.5** | Partial knowledge of the score 2.0 content, but major errors or omissions regarding score 3.0 content. | | |
| **1.0** | With 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 some of the simpler details and processes and some of the more complex ideas and processes. | | |
| **0.0** | Even with help, no understanding or skill is demonstrated | | |