

Content Area: Mathematics

Strand: Describe and analyze data	Missouri GLE: D2A
Reporting Topic: Find, use, and interpret measures of center and spread, including ranges	
Grade: 7	

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> <p>Analyze measures of center from a given set of data (mean and median) to make a reasonable representation of a typical price of a home. Write a true statement representing the situation.</p>
	3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success.
Score 3.0	<p>The student will:</p> <p>Calculate mean, median, mode and range for a given set of data with no major mathematical errors.</p> <p>Interpret and compare measures of center for a situation to choose the most reasonable measure of center which best represents the situation.</p> <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> <p>Compute mean, median mode and range with understanding of the process, but some mathematical errors.</p> <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	<p>With help, a partial understanding of the 2.0 content and some of the 3.0 content.</p> <p>Compute mean, median, mode and range with help.</p>
	0.5 With help, a partial understand of the 2.0 content and none of the 3.0 content.
Score 0.0	Even with help, no understanding or skill demonstrated.