## Content Area: Math

| Strand: <br> Create and interpret histograms, scatterplots, stem and leaf plots, and calculate and <br> interpret measures of central tendency | Missouri <br> GLE: <br> 5.4.A.9 Unit <br> 13.2 |
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| Reporting Topic: I will use the formula for the number of permutations. |  |
| Grade: Algebra I |  |


| $\begin{aligned} & \text { Score } \\ & 4.0 \end{aligned}$ | In addition to Score 3.0, in-depth inferences or applications that go beyond what was taught. For example, the student may: <br> Be able to find a permutation and apply to probability. |
| :---: | :---: |
|  | 3.5 In addition to 3.0 performance, in-depth inferences and applications with partial success. |
| $\begin{aligned} & \hline \text { Score } \\ & 3.0 \end{aligned}$ | The student will: <br> Be able to recognize and evaluate a permutation. <br> The student exhibits no major errors or gaps in the learning goal (complex ideas and processes). |
|  | 2.5 No major errors or gaps in $\mathbf{2 . 0}$ content and partial knowledge of $\mathbf{3 . 0}$ content. |
| $\begin{aligned} & \hline \text { Score } \\ & \mathbf{2 . 0} \end{aligned}$ | The student will: <br> Be able to recognize a permutation but not to evaluate the permutation <br> The student exhibits no major errors or gaps in the simpler details and processes. |
|  | 1.5 Partial understanding of the 2.0 content will major errors or gaps in 3.0 content. |
| $\begin{aligned} & \hline \text { Score } \\ & 1.0 \end{aligned}$ | With help, a partial understanding of the $\mathbf{2 . 0}$ content and some of the $\mathbf{3 . 0}$ content. |
|  | 0.5 With help, a partial understanding of the 2.0 content and some of the 3.0 content. |
| $\begin{aligned} & \hline \text { Score } \\ & \mathbf{0 . 0} \\ & \hline \end{aligned}$ | Even with help, no understanding or skill demonstrated. |

