

STATISTICS & PROBABILITY STANDARDS
3-5

Indicator 1: Use statistical models to gather, analyze and display data to draw conclusions.

Third Grade	Fourth Grade	Fifth Grade
3.S.1.1. (Application) Ask and answer questions from data represented in bar graphs, pictographs, and tally charts.	4.S.1.1. (Application) Interpret data from graphical representations and draw conclusions.	5.S.1.1. (Application) Gather, graph, and interpret data.
3.S.1.2. (Application) Gather data and use information to complete a scaled and labeled graph.	4.S.1.2. (Knowledge) Given a small ordered data set of whole number data points (odd number of points), students will identify the median, mode, and range.	5.S.1.2. (Application) Calculate and explain mean for a whole number data set.

Indicator 2: Apply the concepts of probability to predict outcomes and solve problems.

Third Grade	Fourth Grade	Fifth Grade
3.S.2.1. (Comprehension) Describe events as certain or impossible.	4.S.2.1. (Comprehension) Determine the probability of simple events limited to equally likely and not equally likely outcomes.	5.S.2.1. (Application) Classify probability of simple events as certain, likely, unlikely, or impossible.
		5.S.2.2. (Application) Use models to display possible outcomes.