

Math Target - Data Analysis, Statistics, Probability

Kindergarten	First Grade	Second Grade	Third Grade	Fourth Grade	Fifth Grade	Sixth Grade	Pre-Algebra	Algebra
	___ I can ask questions and collect data about myself and things around me.	___ I can collect and group data to complete a graph and a chart with up to six ideas.	___ I can collect data to label and design a simple bar graph and pictograph.	___ I can make sense of bar graphs and pictographs.	___ I can interpret different types of graphs and tables.	___ I can interpret different types of graphs.	___ I can use tables to organize data	___ I can use tables to organize data.
	___ I can use objects, pictures, and graphs to stand for information.	___ I can collect and group data to make a graph or chart.	___ I can make predictions and draw conclusions with the use of manipulatives and terms such as likely, unlikely, or certain.	___ I can develop and evaluate inferences and make predictions using line and bar graphs.	___ I can calculate the mean, median, mode, and range of a set of data.	___ I can construct different types of graphs.	___ I can use graphs to organize data visually.	___ I can identify a function and make an input-output table for a function.
	___ I can write or tell about the information in a graph or table (chart).	___ I can look at a graph and chart to find patterns and answer questions.		___ I can find the range, mean, median, and mode of a set of data.	___ I can calculate probability of a compound event.	___ I can construct different types of tables.	___ I can use tables and graphs to solve real-life problems	___ I can graph and compare real numbers on a number line.
				___ I can define the terms mean, median, and mode and what each does and does not indicate about the data set.	___ I can calculate the theoretical probability of an event.	___ I can calculate the mean, median, mode and range of a given set of data.	___ I can use a table to solve problems.	___ I can organize data in a matrix.
				___ I can describe the likelihood of events.	___ I can draw a tree diagram to find the probability of an event.	___ I can find outliers in a given set of data.	___ I can read and make time lines.	___ I can add or subtract 2 matrices.
				___ I can predict the probability of outcomes.	___ I can make an organized list to find the probability of an event.	___ I can show probable outcomes in a table or chart.	___ I can make bar graphs to represent data.	___ I can use the distributive property.
						___ I can calculate probability of a dependent event.	___ I can make histograms to represent data.	___ I can find the probability of an event.
						___ I can calculate probability of a independent event.	___ I can make line graphs to represent data.	___ I can find the odds of an event.
						___ I can calculate the experimental probability of an event.	___ I can make line plots to organize data.	___ I can use tables and graphs to check my work.
						___ I can calculate the theoretical probability of an event.	___ I can use organized data to help make decisions.	___ I can make and use a stem-and-leaf plot to put data in order.

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						___ I can calculate the odds of an event.	___ I can graph an inequality.	___ I can find the mean, median and mode of data.
						___ I can understand probability results.	___ I can recognize misleading line and bar graphs.	___ I can draw a box-and-whisker plot to organize data.
						___ I can draw tree diagrams to find probability of an event.		___ I can read and interpret a box-and-whisker plot of data.
						___ I can calculate counting principle to find probability of an event.		