

Grade 2		
Data, Statistics and Probability		
GLE	Key Content & Skills	Common Benchmark Assessments
<p>M:DSP:2:1 Interprets a given representation (pictographs with one-to-one correspondence, <u>line plots</u>, tally charts, or tables) to answer questions related to the data, or to analyze the data to formulate conclusions.</p> <p>(IMPORTANT: <i>Analyzes data consistent with concepts and skills in M:DSP:2:2.</i>)</p>	<p>Types of Data Representations</p> <ul style="list-style-type: none"> -pictographs -line plots -tally charts -tables <p>Skill</p> <ul style="list-style-type: none"> -Interpret data as shown on graphs, plots, charts and tables. -Analyze the data to formulate conclusions 	<p>DOE NECAP 2006 Released Items</p> <p>Page 7, #9</p>
<p>M:DSP:2:2 Analyzes patterns, trends, or distributions in data in a variety of contexts by determining or using more, less, or equal.</p>	<p>Skill</p> <ul style="list-style-type: none"> -Analyze patterns, trends, or distributions, using more, less, or equal. 	
<p>M:DSP:2:4 Uses counting techniques to solve problems involving combinations using a variety of strategies (e.g., student diagrams, organized lists, tables, tree diagrams, or^{sc} others); (e.g., How many ways can you make 50 cents using nickels, dimes, and quarters?)</p>	<p>Skill</p> <ul style="list-style-type: none"> -Solve problems using counting techniques involving combinations <p>Strategies</p> <ul style="list-style-type: none"> -Student diagrams -Organized lists -Tables -Tree diagrams 	<p>DOE NECAP 2006 Released Items</p> <p>Page 4, # 9 and 10</p>
<p>M:DSP:2:5 For a probability event in which the sample space may or may not contain equally likely outcomes, uses experiments to describe the likelihood or chance of an event using “more likely,” “less likely,” “equally likely,” <u>certain</u> or <u>impossible</u>.</p>	<p>Activity</p> <ul style="list-style-type: none"> -Use experiments to describe the chances of an event occurring. <p>Vocabulary</p> <ul style="list-style-type: none"> -Certain -Impossible -More likely -Less likely -Equally likely 	
<p>M:DSP:2:6 In response to a teacher or student generated question or hypothesis, groups decide the most effective method (e.g., <u>survey</u>, <u>observation</u>, <u>experimentation</u>) to collect the data (numerical or categorical) necessary to answer the question; collects, organizes, and appropriately displays the data; analyzes the data to draw conclusions about the question or hypothesis being tested, and when appropriate makes predictions.</p> <p>(IMPORTANT: Analyzes data consistent with concepts and skills in M:DSP:2:2.)</p>	<p>Activity</p> <ul style="list-style-type: none"> -Groups of students decide the most effective way to -collect, -organize -display data -draw conclusions -make predictions and/or answer questions about a survey or hypothesis. 	

Highlighted Boxes are Power Standards

Bolded Boxes are Standards tested on NECAP

Italics indicate Teaching Component from prior grade; should continue to be reinforced.