



<b>Mathematics Grade 8</b> <b>Statistics and Probability (SP)</b>				
Outcome	<b>1 - Little Evidence</b> With help, I understand parts of the simpler ideas and do a few of the simpler skills.	<b>2 - Partial Evidence</b> I understand the simpler ideas and can do the simpler skills. I am working on the more complex ideas and skills.	<b>3 - Sufficient Evidence</b> I understand the more complex ideas and can master the complex skills that are taught in class. I <b>achieve the outcome.</b>	<b>4- Extensive Evidence</b> I have a deep understanding of the complex ideas, and I can use the skills I have learned in situations that were not taught in class.
<b>SP8.1</b> <b>I can analyze the modes of displaying data and the reasonableness of conclusions.</b> <b>[C, CN, R]</b>	<ul style="list-style-type: none"> <li>I can answer questions based on <b>a few</b> types of graphs.</li> </ul>	<ul style="list-style-type: none"> <li>I can answer questions based on <b>several</b> different types of graphs.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>draw a variety of conclusions</b> from <b>various</b> different types of graphs.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>compare information</b> I obtain from various types of graphs.</li> </ul>
	<ul style="list-style-type: none"> <li>I can identify the use of different graphs.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>list advantages and disadvantages</b> of using different graphs in situations.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>critique the modes</b> of displaying data and the reasonableness of conclusions.</li> </ul>	<ul style="list-style-type: none"> <li>I can recommend an effective method of displaying data, and defend my choice.</li> </ul>
	<ul style="list-style-type: none"> <li>I can <b>identify</b> examples of graphs of data in media and personal experiences.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>identify examples of graphs of data in media and personal experiences AND interpret the information in the graphs for personal value.</b></li> </ul>	<ul style="list-style-type: none"> <li>I can look at misrepresented information and <b>explain how it can be misinterpreted.</b></li> </ul>	<ul style="list-style-type: none"> <li>I can <b>collect, organize, and represent data</b> and interpret the information in the graphs for personal value.</li> </ul>
Comments				



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<b>SP8.2</b> <b>I can demonstrate understanding of the probability of independent events concretely, pictorially, orally, and symbolically.</b> <b>[C, CN, PS, T]</b>	<ul style="list-style-type: none"> <li>I can <b>explore the relationship between</b> the probability of two independent events and the probability of each event separately</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>make predictions about the</b> relationship between the probability of two independent events and the probability of each event separately.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>explain the</b> relationship between the probability of two independent events and the probability of each event separately.</li> </ul>	<ul style="list-style-type: none"> <li>I can demonstrate <b>AND</b> explain the relationship between the probability of two independent events and the probability of each event separately.</li> </ul>
	<ul style="list-style-type: none"> <li>With help, I can <b>make predictions</b> about the results of experiments and simulations for two independent events.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>make predictions</b> about the results of experiments and simulations for two independent events.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>test predictions</b> about the results of experiments and simulations for two independent events.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>draw conclusions</b> about the results of experiments and simulations for two independent events and apply them to my life.</li> </ul>
	<ul style="list-style-type: none"> <li>With help, I can <b>take steps to</b> solve problems related to independent events, probabilities of independent events, and decision-making.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>take steps to</b> solve problems related to independent events, probabilities of independent events, and decision-making.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>solve problems</b> related to independent events, probabilities of independent events, and decision-making.</li> </ul>	<ul style="list-style-type: none"> <li>I can <b>create and</b> solve problems related to independent events, probabilities of independent events, and decision-making.</li> </ul>
Comments				