



Mathematics Grade 5 Statistics and Probability (SP)				
Outcome	1 – Little Evidence With help, I understand parts of the simpler ideas and do a few of the simpler skills.	2 – Partial Evidence I understand the simpler ideas and can do the simpler skills. I am working on the more complex ideas and skills.	3 – Sufficient Evidence I understand the more complex ideas and can master the complex skills that are taught in class. I achieve the outcome.	4- Extensive Evidence 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.
SP5.1 Differentiate between first-hand and second-hand data. [C, R, T, V]	<ul style="list-style-type: none"> I can give examples of first-hand data OR second-hand data. 	<ul style="list-style-type: none"> I can give examples of first-hand data AND second-hand data. 	<ul style="list-style-type: none"> I can explain the difference between first-hand data and second-hand data. 	<ul style="list-style-type: none"> I can compare the uses of first-hand data and second-hand data.
	<ul style="list-style-type: none"> With help, I can formulate questions that can best be answered using first-hand data OR questions that can best be answered using second-hand data. 	<ul style="list-style-type: none"> I can formulate questions that can best be answered using first-hand data AND questions that can best be answered using second-hand data. 	<ul style="list-style-type: none"> I can formulate questions that can best be answered using first-hand data AND questions that can best be answered using second-hand data, AND describe how that data could be collected. 	<ul style="list-style-type: none"> I can formulate questions that can best be answered using first-hand data AND questions that can best be answered using second-hand data, AND describe how that data could be collected, AND answer the question.
Comments				



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SP5.2 Construct and interpret double bar graphs to draw conclusions. [C, PS, R, T, V]	<ul style="list-style-type: none"> I can identify the attributes OR purposes of double bar graphs OR bar graphs. 	<ul style="list-style-type: none"> I can describe the attributes AND purposes of double bar graphs OR bar graphs. 	<ul style="list-style-type: none"> I can compare the attributes AND purposes of double bar graphs AND bar graphs. 	<ul style="list-style-type: none"> I can compare the attributes AND purposes of double bar graphs AND bar graphs using situations and data that are meaningful to me, family, or my community.
	<ul style="list-style-type: none"> With help, I can construct double bar graphs, without the use of technology, based upon data relevant to me, my family, or my community. 	<ul style="list-style-type: none"> I can construct double bar graphs, without the use of technology, based upon data relevant to me, my family, or my community. 	<ul style="list-style-type: none"> I can construct double bar graphs, without the use of technology, based upon data relevant to me, my family, or my community, AND use the graph to answer questions. 	<ul style="list-style-type: none"> I can construct double bar graphs, without the use of technology, based upon data relevant to me, my family, or my community, AND use the graph to answer questions AND to pose questions.
Comments				



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SP5.3 Describe, compare, predict, and test the likelihood of outcomes in probability situations. [C, CN, PS, R]	<ul style="list-style-type: none"> I can explain what an outcome is, and give examples. 	<ul style="list-style-type: none"> I can categorize outcomes as certain, possible or impossible. 	<ul style="list-style-type: none"> I can conduct experiments to determine if an outcome is certain, possible or impossible. 	<ul style="list-style-type: none"> I can design AND conduct experiments to determine if an outcome is certain, possible or impossible.
	<ul style="list-style-type: none"> I can give examples of situations that are less likely, equally likely, or more likely to occur. 	<ul style="list-style-type: none"> I can categorize outcomes as less likely, equally likely, or more likely to occur. 	<ul style="list-style-type: none"> I can identify all possible outcomes in probability experiment and classify the outcomes as less likely, equally likely, or more likely to occur. 	<ul style="list-style-type: none"> I can identify all possible outcomes in a probability experiment and classify the outcomes as less likely, equally likely, or more likely to occur, and explain the reasoning.
	<ul style="list-style-type: none"> With help, I can design a probability experiment to determine the likelihood of a specific outcome. 	<ul style="list-style-type: none"> I can design a probability experiment to determine the likelihood of a specific outcome. 	<ul style="list-style-type: none"> I can design AND conduct a probability experiment to determine the likelihood of a specific outcome. 	<ul style="list-style-type: none"> I can design and conduct a probability experiment to determine the likelihood of a specific outcome AND explain what the results tell about the outcome including whether the outcome is impossible, possible, or certain.
Comments				