Good Spirit
SCHOOL DIVISION

Mathematics Grade 8
Statistics and Probability (SP)

Outcome	1 - Beginning The student is having difficulty demonstrating an understanding of the concept.	2 – Approaching The student is developing an understanding of the concept.	3 – Meeting The student consistently demonstrates an understanding of the concept or has achieved the concept.	4- Exemplary The student independently demonstrates an in-depth understanding of the concept, and consistently applies this knowledge to new situations.
SP8.1 **I can analyze the modes of displaying data and the reasonableness of conclusions.** **[C, CN, R]**	• I can answer questions based on **a few** types of graphs.	• I can answer questions based on **several** different types of graphs.	• I can **draw a variety of conclusions** from **various** different types of graphs.	• I can **compare information** I obtain from various types of graphs.
	• I can identify the use of different graphs.	• I can **list advantages and disadvantages** of using different graphs in situations.	• I can **critique the modes** of displaying data and the reasonableness of conclusions.	• I can recommend an effective method of displaying data, and defend my choice.
	• I can **identify** examples of graphs of data in media and personal experiences.	• I can **identify examples of graphs of data in media and personal experiences AND interpret the information in the graphs for personal value.**	• I can look at misrepresented information and **explain how it can be misinterpreted.**	• I can **collect, organize, and represent data** and interpret the information in the graphs for personal value.
Comments				

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SP8.2 **I can demonstrate understanding of the probability of independent events concretely, pictorially, orally, and symbolically.** **[C, CN, PS, T]**	• I can **explore the relationship between** the probability of two independent events and the probability of each event separately	• I can **make predictions about the** relationship between the probability of two independent events and the probability of each event separately.	• I can **explain** the relationship between the probability of two independent events and the probability of each event separately.	• I can demonstrate **AND** explain the relationship between the probability of two independent events and the probability of each event separately.
	• With help, I can **make predictions** about the results of experiments and simulations for two independent events.	• I can **make predictions** about the results of experiments and simulations for two independent events.	• I can **test predictions** about the results of experiments and simulations for two independent events.	• I can **draw conclusions** about the results of experiments and simulations for two independent events and apply them to my life.
	• With help, I can **take steps to** solve problems related to independent events, probabilities of independent events, and decision-making.	• I can **take steps to** solve problems related to independent events, probabilities of independent events, and decision-making.	• I can **solve problems** related to independent events, probabilities of independent events, and decision-making.	• I can **create and** solve problems related to independent events, probabilities of independent events, and decision-making.
Comments				