6th Grade – Baird Middle School - Math Rubric – Mr. Wong

Statistics and Probability Essential Standards

Standards Rubric	4 Exceeds standards	3 Meets standards	2 Approaching standards	1 Not yet approaching standards	0 No attempt
6.SP.1 Recognize a statistical question	Student can identify a statistical question 4 out of 4 attempts.	Student can identify a statistical question 3 out of 4 attempts.	Student can identify a statistical question 2 out of 4 attempts.	Student can identify a statistical question 1 out of 4 attempts.	Student can identify a statistical question 0 out of 4 attempts.
6.SP.4 6.SP.5.c Display numerical data in plots and find the mean, median, and mode.	Student can create a numerical data display in a histogram or dot plot and find the mean, median, or mode of a numerical data display.	Student can create a numerical data display in a histogram or dot plot and find the two of either mean, median, or mode of a numerical data display.	Student can create a numerical data display in a histogram or dot plot and find the one of either mean, median, or mode of a numerical data display.	Student can create a numerical data display in a histogram or dot plot.	Not related to the standard or no attempt
6.SP.4 6.SP.5.c Display numerical data in a frequency table and find the range and percent of a quantity.	Student can create a frequency data table and correctly fill in all of the table.	Student can create a frequency data table and correctly fill in most of the table.	Student can create a frequency data table and correctly fill in part of the table.	Student can create a frequency data table.	Not related to the standard or no attempt
6.SP.4 6.SP.5.c Display numerical data in a box plot and find the lower quartile, median, upper quartile, minimum, maximum, interquartile range, and mean absolute deviation.	Student can create a box plot and find the lower quartile, median, upper quartile, minimum, maximum, interquartile range, and mean absolute deviation.	Student can create a box plot and find most of the lower quartile, median, upper quartile, minimum, maximum, interquartile range, and mean absolute deviation with some errors.	Student can create part of box plot and find some of the lower quartile, median, upper quartile, minimum, maximum, interquartile range, and mean absolute deviation with some errors.	Student can identify a box plot and find little of the lower quartile, median, upper quartile, minimum, maximum, interquartile range, and mean absolute deviation.	Not related to the standard or no attempt