Probability and Statistics Targets
Jefferson High School – Alexandria, MN

I. Exploring Data: I can describe data

    A. Graphically using circle graphs, bar graphs, histograms, box-and-whisker plots, scatter plots and tables

    B. Numerically using measure of central tendency and variability such as mean, median, maximum, minimum, range, standard deviation, quartile and percentile

II. Normal Distributions: I can analyze data using standard normal calculations.

III. Examining Bivariate Data: I can analyze two variable data using scatterplots

    A. Determine line of best fit.

    B. Determine and interpret correlation.

IV. Producing Data: I understand statistical design of experiments, surveys and simulations

V. Probability: I can calculate probability

    A. Using area, trees, and Venn diagrams to calculate probabilities and relate results to mutual exclusiveness, independence and conditional probabilities.

    B. Determine expected values of random variables.

    C. determine expected values of random variables.

Found at http://www.alexandria.k12.mn.us/ under Linda Meichsner course Targets