

Weekly Lesson Plans
WIDA Content and Language Objectives
Strong Middle School

Mr. Wilkie
8th-Grade Math

Dec. 7th-11th, 2015	Monday	Tuesday	Wednesday	Thursday	Friday
Content Objective	SW demonstrate analysis of bivariate data by using a scatter plot to make sense of data in Problem 4.1 (2 day assignment)..T-Rex Arm Span and Height	SW demonstrate analysis of bivariate data by using a scatter plot to make sense of Negative Correlation data in Problem 4.2 (2 Day Assignment)	SW demonstrate analysis of bivariate data by using a scatter plot to make sense of Negative Correlation data in Problem 4.2 (2 Day Assignment)	SW demonstrate analysis of positive and negative correlations by drawing lines of best fits in various Scatter Plots (Problem 4.3)	SW demonstrate application of Inverse Variation by successfully completing a Quiz.
Language Objective	Students will work with a partner to calculate the T-Rex arm span and height given a set of data.	Students will work with a partner to analyze data on their age and race time and orally share with group members.	Students will work with a partner to analyze data on their age and race time and orally share with group members.	Students will complete sentence stems comparing various scatter plots and distinguishing between positive and negative correlations.	Students will correctly answer math vocabulary relating to inverse variation and equations.
Weekly Vocabulary	independent, dependent coefficient, functions, inverse variation, standard deviation. positive and negative correlation, scatter plots, line of best fit	independent, dependent coefficient, functions, inverse variation, standard deviation. positive and negative correlation, scatter plots, line of best fit	independent, dependent coefficient, functions, inverse variation, standard deviation. positive and negative correlation, scatter plots, line of best fit	independent, dependent coefficient, functions, inverse variation, standard deviation. positive and negative correlation, scatter plots, line of best fit	independent, dependent coefficient, functions, inverse variation, standard deviation. positive and negative correlation, scatter plots, line of best fit
CCS covered and Strand	8.SP.A.3 Bivariate measurement data and interpreting slope and intercept	8.SP.A.3 Bivariate measurement data and interpreting slope and intercept	8.SP.A.1 Interpret Scatter Plots-positive and negative correlation	8.SP.A.1 Interpret Scatter Plots-positive and negative correlation	8.F.A.3 Interpret $y=mx+b$ as a linear function and inverse variation

Monday: Continue Problem 4.1, Tuesday/Wed: Problem 4.2, Thursday: Problem 4.3 Friday: Assessment