

**Weekly Lesson Plans**  
**WIDA Content and Language Objectives**  
**Strong Middle School**

*Mr. Wilkie*  
**8th-Grade Math**

Nov. 30th-Dec 4th, 2015	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
<b>Content Objective</b>	SW demonstrate analysis of Inverse Variation by working through Data Patterns in <b>Problem 3.4 on pg. 68.</b>	SW demonstrate comprehension of measures of central tendency by practicing problem in math notebook.	SW demonstrate analysis of bivariate data by using a scatter plot to make sense of data in <b>Problem 4.1</b> (2 day assignment)	SW demonstrate analysis of bivariate data by using a scatter plot to make sense of data in <b>Problem 4.1</b> (2 day assignment)	SW demonstrate application of Inverse Variation by successfully completing a Quiz.
<b>Language Objective</b>	Students will write and complete sentence stems with new vocabulary and orally repeat.	Students will write and share Type 1 Writing on mean, median, mode and range.	Students will work with a partner to collect data on their height and wing span and orally share with group members.	Students will work with a partner to collect data on their height and wing span and orally share with group members.	Students will correctly answer math vocabulary relating to inverse variation and equations.
<b>Weekly Vocabulary</b>	Equation, variable, independent, dependent coefficient, functions, inverse variation, mean, median, mode, range, and standard deviation.	Equation, variable, independent, dependent coefficient, functions, inverse variation, mean, median, mode, range, and standard deviation.	Equation, variable, independent, dependent coefficient, functions, inverse variation, mean, median, mode, range, and standard deviation.	Equation, variable, independent, dependent coefficient, functions, inverse variation, mean, median, mode, range, and standard deviation.	Equation, variable, independent, dependent coefficient, functions, inverse variation, mean, median, mode, range, and standard deviation.
<b>CCS covered and Strand</b>	<b>8.F.A.3</b> Interpret $y=mx+b$ as a linear function and inverse variation	<b>8.SP.A.3</b> Bivariate measurement data and interpreting slope and intercept	<b>8.SP.A.3</b> Bivariate measurement data and interpreting slope and intercept	<b>8.SP.A.3</b> Bivariate measurement data and interpreting slope and intercept	<b>8.F.A.3</b> Interpret $y=mx+b$ as a linear function and inverse variation