Weekly Lesson Plans
WIDA Content and Language Objectives
Strong Middle School

Mr. Wilkie
8th-Grade Math

April 18h-22nd, 2016	Monday	Tuesday	Wednesday	Thursday	Friday
Content Objective	SW demonstrate knowledge of representing exponential functions by practicing problems in math notebook.	SW demonstrate analysis of exponential growth by analyzing the peasant's plan for rewards in problem 1.2.	SW demonstrate analysis of exponential growth by analyzing the king and queen's plans for rewards in problem 1.3	SW demonstrate analysis of exponential growth by determining whether a relationship is exponential, linear, or nether (Labsheet)	SW demonstrate comprehension of exponential functions by multiplying and dividing exponents with like bases (in math notebook)
Language Objective	SW will express solutions in standard form, exponential form, expanded form and scientific notation.	SW write answer to the following **focus question**: Did the peasant make a wise choice?	**Focus Question**: Which plan in the most beneficial: Peasant's, Kings, or Queens	SW orally explain various relationships in a table and a graph.	SW complete summary sentence stems on exponential operations.
Weekly Vocabulary	Exponents, exponential form, standard form, expanded form, growth, growth factor	Exponents, exponential form, standard form, expanded form, growth, growth factor	Exponents, exponential form, standard form, expanded form, growth, growth factor	Exponents, exponential form, standard form, expanded form, growth, growth factor	Exponents, exponential form, standard form, expanded form, growth, growth factor
CCS covered and Strand	8.EE.A.3 express numbers as integer powers of 10 used to estimate very large or small #s	8.EE.A.3 express numbers as integer powers of 10 used to estimate very large or small #s	8.EE.A.3 express numbers as integer powers of 10 used to estimate very large or small #s	8.F.A.2 Compare properties of 2 functions algebraically.	8.EE.A.1 Know and apply properties of integer exponents.

Monday: Exponential Functions **Tuesday**: Problem 1.2 **Wed**: Problem 1.3 **Thurs**: Labsheet Exponents **Friday**: Multiplying and Dividing Exponents