

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

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

April 4th-8th, 2016	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Content Objective</b>	SW demonstrate knowledge of Common Assessment for next unit (Exponential Growth)	SW demonstrate application of exponential growth by describing patterns of change in problem 1.1.	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
<b>Language Objective</b>		SW write their answer to the <b>focus question</b> : Describe the pattern of change?	SW will express solutions in standard form, exponential form, expanded form and scientific notation.	SW answer the following <b>focus question</b> : Did the peasant make a wise choice?	<b>Focus Question</b> : Which plan in the most beneficial: Peasant's, Kings, or Queens
<b>Weekly Vocabulary</b>		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
<b>CCS covered and Strand</b>		<b>8.F.A.3</b> Give examples of functions that are not linear.	<b>8.EE.A.3</b> express numbers as integer powers of 10 used to estimate very large or small #s	<b>8.EE.A.3</b> express numbers as integer powers of 10 used to estimate very large or small #s	<b>8.EE.A.3</b> express numbers as integer powers of 10 used to estimate very large or small #s

**Monday:** Pre-Test Exponential Growth/Unit Readiness **Tuesday:** Problem 1.1 **Wed:** Exponential Functions  
**Thurs:** Problem 1.2 **Friday:** Problem 1.3