

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

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

April 25th-29th, 2016	Monday	Tuesday	Wednesday	Thursday	Friday
<b>Content Objective</b>	SW demonstrate comprehension of exponential functions by multiplying exponents with like bases (in math notebook)	SW demonstrate comprehension of exponential functions by dividing exponents with like bases (in math notebook)	SW demonstrate analysis of exponential growth by analyzing the Queen's plan 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 application of exponential functions by performing well on a quiz.
<b>Language Objective</b>	SW complete summary sentence stems on exponential operations.	SW complete summary sentence stems on exponential operations.	SW write answer to the following <b>focus question</b> : Did the peasant make a wise choice?	SW orally explain various relationships in a table and a graph.	After Quiz, time permitting, students will participate in math vocabulary game.
<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	Exponents, exponential form, standard form, expanded form, growth, growth factor
<b>CCS covered and Strand</b>	<b>8.EE.A.1</b> Know and apply properties of integer exponents.	<b>8.EE.A.1</b> Know and apply properties of integer exponents.	<b>8.EE.A.3</b> express numbers as integer powers of 10 used to estimate very large or small #s	<b>8.F.A.2</b> Compare properties of 2 functions algebraically.	<b>8.EE.A.1</b> Know and apply properties of integer exponents.

**Monday:** Multiplying exponents **Tuesday:** Dividing Exponents **Wed:** Problem 1.3 **Thurs:** Labsheet Exponents  
**Friday:** Quiz-Exponents