Unit Topic: Pre-Algebra 7th Unit 1 Chapter 5   Franklin-Simpson Middle School   Date: August

DAY IN UNIT	*Content Strand
	*Learning Target
	  -I Can
	*Essential Questions
	  -WHY??
	  -How do you know?
	Curriculum document
	Common Core
		Vocabulary/
		Vocab Activity
		Activities
		Activities II
			Thoughtful Ed./
			Student Engagement
			www.marshall.kyschools.us/
			www.muhlenberg.kyschools.us/?q=node/61
			Engagement Cube
			Cube II (examples)
				Literacy/Reading in the Content
				Literacy Ideas
					Formative/
					Summative
					Assessment
					F –Formative
					S-Summative
					www.act.org/standard/guides/explore/
					Strategies
					More Ideas
						Differentiation
						T-Task
						S-Special Needs
						G-Gifted/Accel.
						http://serge.ccsso.org/
						Ideas
						9 Types
						Big Explanation Tool
							Technology
							50 Ideas

1	Pretest	Foldable: Rational Irrational Whole Integer Natural Real					Interwrite Elmo
2	8.NS.1 I can classify a number as rational or irrational based on its decimal expansion. In what ways can rational numbers be useful?		Which one does not belong and why? Activity	Graphic Organizer of Vocabulary words (Circle Venn Diagram Activity)	F: Classifying Numbers handout 5.3 Problem 1 Exit slip the following day (which does not belong and why?)		Interwrite
3	8.NS.1 I can convert between fractions, decimals, and percents. Why is it important to be able to convert between different types of numbers?	Fractions Decimals Percents Terminating decimal Repeating decimal Bar Notation			F: Converting handout		Interwrite App on iPad
4	8.NS.1 I can convert a repeating decimal into a rational number. Why is it important to be able to express rational numbers as decimals and decimals as fractions?				F: Skills Practice 5.2 1-16 5.2 Problem 1		Interwrite

	MATHia Day					Dell Duos
5	8.NS.2 I can compare and order rational and irrational numbers. I can use estimated values to compare two or more irrational numbers. How can comparing numbers help us solve problems with irrational and rational numbers?		Line-up Activity		F: Comparing and Order worksheet		Interwrite App on iPad
6	8.NS.2 I can plot the estimated value of an irrational number on a number line. I can estimate the value of an irrational number by rounding to a specific place value. How can we use the location of an irrational number on a number line to help solve problems?		Human Number Line		F: 5.1 Skills Practice 7-12		Interwrite
7	8.NS.2 I can estimate the square root of a number. I can estimate the value of an expression involving square roots and irrational numbers. How can estimating help determine the value of square roots?				F: 5.2 Problem 2 F: Estimating Square Roots handout		Interwrite
8	Study Guide/Review						
9	TEST				Summative: TEST		