

D A Y I N U N I T	*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	8/11 Pre-Test	Foldable: Rational Irrational Whole Integer Natural Real					Interwrite Elmo
2	8/12 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?			Graphic Organizer of Vocabulary words (Circle Venn Diagram Activity)			Interwrite Elmo Prezi
3	8/15 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	Gallery Walk		Formative: Jeopardy Game App on iPad		Interwrite Elmo
4	8/16 8.NS.1 I can convert a repeating decimal into a rational number.				Formative: Worksheet on converting repeating decimals to fractions		Interwrite Elmo

	Why is it important to be able to express rational numbers as decimals and decimals as fractions?						
5	<p>8/17 8.NS.2 I can plot the estimated value of an irrational number on a number line.</p> <p>I can estimate the value of an irrational number by rounding to a specific place value.</p> <p>How can we use the location of an irrational number on a number line to help solve problems?</p>		Human Number Line		Worksheet with Number Line		Interwrite Elmo
D A Y I N U N I T	<p>*Content Strand</p> <p>*Learning Target</p> <p>-I Can</p> <p>*Essential Questions</p> <p>-WHY??</p> <p>-How do you know?</p> <p>Curriculum document</p> <p>Common Core</p>	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
6	<p>8/18 8.NS.2 I can compare and order rational and irrational numbers.</p> <p>I can use estimated values to compare two or more irrational numbers.</p> <p>How can comparing numbers help us solve problems with irrational and rational numbers?</p>		Line-up Activity		Worksheet		Interwrite Elmo
7	8/19						

	QUIZ						
8	8/22 8.NS.2 I can use reasoning to determine which two consecutive whole numbers a square root will fall. How can estimating help determine the value of square roots?			Guitar Strings and Other Things			Interwrite Elmo
9	8/23 8.NS.2 I can use reasoning to determine which two consecutive whole numbers a square root will fall. How can estimating help determine the value of square roots?			Guitar Strings and Other Things, cont.			Interwrite Elmo
10	8/24 8.NS.2 I can use reasoning to determine which two consecutive whole numbers a square root will fall. I can estimate the value of an irrational number by rounding to a specific place value. How can estimating square roots help solve problems?				Formative: Worksheet on estimating the value of an expression that includes square roots and irrational numbers		Interwrite Elmo
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 1	8/25 8.NS.2 I can use reasoning to determine which two consecutive whole numbers a square root will fall. I can estimate the value of an irrational number by rounding to a specific place value. How can estimating square roots help solve problems?				Formative: Worksheet on estimating the value of an expression that includes square roots and irrational numbers		Interwrite Elmo
1 2	8/26 QUIZ						
1 3	8/29 Study Guide/Review		TGT				
1 4	8/30 TEST				Summative: TEST		