

Name: Monica Piro-Duffin	Grade: 8
Subjects Taught: Math 8	Week of: 1/12-1/16
If you have questions, please contact me via phone or email listed below.	
Phone: 295-3838	Email : mpiro-d@topeka.k12.ks.us
Please note: Lesson plans are subject to change without notice.	
	Math 8 (MODS 2/3, 4/5 and 6/7)
Monday	<p>Goal: I can describe reflection and rotation symmetries in kaleidoscope designs</p> <p>Bell Work: Rotations</p> <p>Class work: Kaleidoscope symmetries</p> <p>Homework: N/A</p>
Tuesday	<p>Goal: I can recognize and describe translation symmetry</p> <p>Bell Work: Kaleidoscope symmetries</p> <p>Class work: Translations</p> <p>Homework: N/A</p>
Wednesday	<p>Goal: I can recognize and describe translation symmetry find the reflection image of a figure given a line of reflection</p> <p>Bell Work: Translations</p> <p>Class work: Describing Line reflections</p> <p>Homework: N/A</p>
Thursday	<p>Goal: I can find the center and angle of rotation given a figure and its rotation image</p> <p>Bell Work: Line Reflections/ Rotations</p> <p>Class work: Describing Rotations</p> <p>Homework: N/A</p>
Friday	<p>Goal: I can find the magnitude and direction of a translation given a figure and its translation image</p> <p>Bell Work: Quiz</p> <p>Class work: Describing Translations</p> <p>Homework: N/A</p>
Essential Question(s)	<p>Math 8:</p> <p>How do I use measurements of a shape to find additional information?</p> <p>What is the theorem necessary to solve this problem?</p> <p>How do I classify sets of numbers?</p> <p>How do I use my understanding of numbers to estimate, perform operations, and solve problems?</p>
Kagan	Think, Pair, Share; RallyCoach; Sage and Scribe
Summarizing	Math Reflection
Course/Grade Level Standard:	<p>Math 8:</p> <p>MA.08.SMP: Incorporate mathematical practices</p> <p>MA.08.NS.1: Know that numbers that are not rational are called irrational. Understand informally that every number has a decimal expansion</p> <p>MA.08.NS.2: Use rational approximations of irrational numbers to compare the size of irrational numbers, locate them approximately on a number line diagram</p> <p>MA.08.G.6: Explain a proof of the Pythagorean Theorem and its converse</p> <p>MA.08.G.7: Apply the Pythagorean Theorem to determine unknown side lengths in right triangles in real-world and mathematical problems in two and three dimensions</p>

	MA.08.G.8: Apply the Pythagorean Theorem to find the distance between two points in a coordinate system
Additional Notes:	