

D A Y I 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.muhenberg.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
March 5 1	I CAN translate geometric figures horizontally and vertically. I CAN explain that 2 2D figures are congruent if the second figure has been translated. 8.G.1a, 2, 3	Foldable for vocabulary— provide pictures, definition, real life examples. Transformation Translation Image Pre-Image Congruence	Novelty and Variety: Human Translations— use students in figures to show translations are just sliding the same figure	“Sliding: Right, Left, Up, Down, and Diagonally” in Text	Exit Slip showing knowledge of translations.		Elmo
March 6 2	I CAN translate linear functions horizontally and vertically. 8.G.1a	Parallel	Learning With Others— working in groups where students will work on specific problems then put all their work together to complete the problem.	“Sliding Lines: Translations of Linear Functions” in text	Practice and Discussion in class		Elmo
March 7 3	I CAN rotate geometric figures on the Coordinate Plane.	Rotation Angle of Rotation Point of Rotation	Transparencies to show rotations on dry erase boards	“Round and Round We Go: Rotations of Geometric Figures on the Coordinate Plane” in text	Dry Erase boards		Elmo
March 8 4	MATHia					Differentiated work on computers	Computers
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March 12	5	Practice Problems for Translating and Rotating Figures				Practice Worksheet Cell Phone—explain how to do the work to a student who was absent.	Student Choice: Students will chose which work they want to complete based on self-assessment--High or On-Level worksheet	Elmo
March 13	6	I CAN reflect geometric figures over the axes and line on a Coordinate Plane. 8.G.1, 2, 3	Reflection Reflection Line	Create 4-leaf clovers, snowflakes and Christmas trees		Worksheet		Elmo
March 14	7	QUIZ				QUIZ		
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March 15	8	MATHia					Differentiated work on computers	Computers
March 16	9	MATHia					Differentiated work on computers	Computers

March 19 10	I CAN translate triangles on a Coordinate Plane. I CAN rotate triangles on a Coordinate Plane. I CAN reflect triangles on a Coordinate Plane. 8.G.3		Personal Response— Create triangles for others to rotate, reflect, and translate on a Coordinate Plane.	“Slide, Flip, Turn!” in text	Worksheet		Elmo
March 20 11	I CAN identify corresponding and angles on triangles. I CAN explain the relationship between corresponding angles and sides on congruent triangles. I CAN write statements of triangle congruence. I CAN identify and use transformations to create new images. 8.G.1, 2, 3 8	Congruent line segments Congruent angles Corresponding sides Corresponding sides Pythagorean Theorem		“All the Same to You” in text	Practice Problems		Elmo
March 21 12	Practice Problems		Novelty and Variety— Vocabulary Charades—act out vocabulary words in groups for the rest of the class.		Charades and Worksheet		Elmo PowerPoint
March 22 13	MATHia					Differentiated work on computers	Computers
March 23 14	I CAN compare SSS and SAS. I CAN use theorems to identify congruent triangles. 8.G.1, 2	SSS SAS Congruence Theorem Included angles		“Two Ways to Tell” in text	Group Work		Elmo
March 26 15	I CAN use ASA and AAS Congruence to prove triangles are congruent. 8.G.1	AAS ASA		“And Here’s Two More!” in text	Practice Problems Exit Slip—prove two triangles are congruent using SSS, SAS, AAS, or ASA.		Elmo

March 27 16	Study Guide				Study Guide		
March 28 17	Test				Test		
March 29 18	MATHia					Differentiated work on computers	Computers
March 30 19	MATHia					Differentiated work on computers	Computers