

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) What is student engagement?	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.ccssso.org/Ideas 9 Types Big Explanation Tool	Technology 50 Ideas
1	Pretest						
2	7.G.2 9.1 Sketch and draw figures. Use a compass to construct circles. Use tools to duplicate line segments.	Vocabulary Cross Word Puzzle: Geometry Protractor Compass Straightedge Sketch Draw Construct Geometric construction Point Line Plane Coplanar lines Skew lines Line segment Endpoints Arc Congruent line segments	Authenticity: hands-on manipulative: compass, protractor, straightedge Learning with Others: Geometric Charades Novelty & Variety: Geometric Charades	Problems within each section require students to explain their work using sentences All problems are real-world scenarios	Formative: bell ringer Formative: Problem 1 sketch and draw figures Problem 2 Identifying points, lines, and line segments; drawing coplanar lines Problem 3 Constructing circles and arcs Problem 4 Duplicating line segments	S – students that require a reader will work with a partner that will read word problems aloud S – one student will have a scribe to help with construction of geometric figures due to inability to hold compass/straightedge /protractor G: use MATHia to excel onto next concept	PowerPoint Document Camera Interwrite

		Congruent Intersection					
3	7.G.2 9.2 Measure and construct angles. Duplicate angles. Bisect angles.	ray angle sides of an angle vertex degrees (°) acute angle right angle obtuse angle straight angle congruent angles bisect angle bisector	Authenticity: hands-on manipulative: compass, protractor, straightedge	Problems within each section require students to explain their work using sentences All problems are real-world scenarios	Formative: bell ringer Formative: Problem 1 Identifying rays and angles Problem 2 Measuring angles Problem 3 Classifying angles Problem 4 Duplicating angles Problem 5 Angle bisectors	S – students that require a reader will work with a partner that will read word problems aloud S – one student will have a scribe to help with construction of geometric figures due to inability to hold compass/straightedge /protractor G: use MATHia to excel onto next concept	PowerPoint Document Camera Interwrite
4	7.G.2 7.G.5 9.3 Calculate the supplement of an angle. Calculate the complement of an angle. Classify adjacent angles. Classify linear pairs. Classify vertical angles.	Supplementary angles Complementary angles Midpoint of a segment Adjacent angles Linear pair Vertical angles	Personal Response: Students develop their own definitions based on examples and non- examples of adjacent angles, linear pairs, and vertical angles.	Problems within each section require students to explain their work using sentences All problems are real-world scenarios	Formative: bell ringer Formative: Problem 1 Supplements and Complements Angles Problem 5 Adjacent Angles Problem 6 Linear Pairs Problem 7 Vertical Angles	S – students that require a reader will work with a partner that will read word problems aloud G: use MATHia to excel onto next concept	PowerPoint Document Camera Interwrite
5	MATHia lab day						Dell Duos

6	Review				Summative: Standardized Test Practice (timed multiple choice quiz) Summative: Study Guide		
7	Test				Summative: Test Summative: Open Response		