

<b>CONNEAUT AREA SCHOOL DISTRICT</b> <b>MATHEMATICS—Module 3</b>		
<b>UNIT OF STUDY:</b> Similarity	<b>COURSE/GRADE:</b> Grade 8	<b># WEEKS:</b> 20 days
<b>Focus (emphasis) Standards/EC</b>  <b>CC.2.3.8.A.2</b> Understand and apply congruence, similarity, and geometric transformations using various tools.  <b>M08.C-G.1.1</b> Apply properties of geometric transformations to verify congruence or similarity.  <b>M08.C-G.1.1.1</b> Identify and apply properties of rotations, reflections, and translations. Example: Angle measures are preserved in rotations, reflections, and translations.  <b>M08.C-G.1.1.4</b> Given two similar two-dimensional figures, describe a sequence of transformations that exhibits the similarity between them.	<b>Technology/manipulatives</b>  Calculators, Smartboard, Study Island, rulers, white boards, highlighters, colored pencils	
<b>Important (reinforced) Standards/EC</b>	<b>Reading, writing, speaking strategies</b>  Journaling, read aloud, persuasive/informational/expository writing, graphic organizers, Frayer model, lecture, cooperative learning, board work, demonstration, Think-Pair-Share, note-taking, crossword puzzles	
<b>Vocabulary</b> Corresponding parts, indirect measurement, scale factor, similar, similar polygons, slope	<b>Questioning and discussion techniques</b>  Bellringers, Exit tickets, discovery, small/large groups, peer tutoring, games, homework review, dry erase boards	
<b>Real life application</b>	<b>Performance assessment</b>	

	<p>Test, Quiz, Performance Task, Homework, Projects, Notebooks, Study Island</p>
<p><b>Computation</b></p> <p>Operations involving real numbers</p>	<p><b>Accommodations/adaptations</b></p> <p>Differentiation strategies, small group instruction, cooperative learning, guided practice, peer tutoring, limited problems/choices, manipulatives and models, clarity checks, diagrams and graphs</p>
<p>SAS Module Resources  <a href="http://www.pdesas.org">www.pdesas.org</a>:          *Grade 8 Mathematics Assessment Anchors and Eligible Content          *Mathematics Glossary          *PA Core Mathematics, Grades PreK-12          *PA Standards Instructional Frameworks: Math (Go to Teacher Tools then Curriculum Mapping)          *Math Cluster Matrix – Tri-folds 6-7-8</p>	