

Teacher: Walczyk

Course: **Geometry**

Period(s): 2&3

Week of: Dates: 3/26/18

Unit Title: Congruent Triangles

State Standards: G.GCO.2, G.GCO.6, G.GCO.7, G.GM.1, G.GM.2, G.GCO.9.5

All plans are subject to change. Student progress will be monitored and adjustments will be made. **NOTE:CS = Chapter Section. Example CS1.2 is Chapter 1 Section 2 in the textbook.**

	Standards	Goals As a result of this lesson the student will be able to:	Instructional Plan	Activities (aligned, sequenced, build, time)	Student Work (Thinking & Problem Solving, Real World)	Assessment (aligned, rubrics, >2, written)	Grouping Method	Materials	Accommodations (IEP, 504, ESOL)
Monday	G.GCO.2	Represent translations, reflections, rotations, and dilations of objects in the plane... Demonstrate that triangles and quadrilaterals are congruent by identifying a combination of translations, rotations, and reflections in various representations that move one figure onto the other.	Warm Up	CS 4.3 – Relate Transformance and Congruence CS 4.9 - Perform Congruence Transformations	Complete warm up problems Take notes and participate in lesson problems to reinforce concepts.	Class discussion participation during warm up. Questioning. Walk room practice test to assist and answer questions as needed.	Whole class, Individual Small group	Warm up problem Notes for CS4.3 and CS4.9 Worksheet 4.3 and 4.9	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer
	G.GCO.6		<ul style="list-style-type: none"> • Create congruent triangles using reflection, rotation, and translation or a combination of the above. • Identify if triangles are congruent. Complete classwork						
Tuesday	G.GCO.9	Prove, and apply in mathematical and real-world contexts, theorems about the relationships within and among triangles, including the following: a) Measures of interior angles of a triangle sum to 180 b) Base angles of isosceles triangles are congruent Prove two triangles are congruent by applying the SAS, ASA, AAS and HL congruence conditions. Represent translations, reflections, rotations, and dilations of objects in the plane... Demonstrate that triangles and quadrilaterals are congruent by identifying a combination of translations, rotations, and reflections in various representations that move one figure onto the other.	Warm Up	Review homework problems from CS 4.3 and 4.9 Chapter 4 Practice Test	Complete warm up problems Take notes and participate in lesson problems to reinforce concepts.	Class discussion participation during warm up. Questioning. Walk room practice test to assist and answer questions as needed.	Whole class, Individual Small group	Warm up problem Notes for CS4.1 and CS4.2 Worksheet 4.1 and 4.2	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer
	G.GCO.2		<ul style="list-style-type: none"> • Classify triangles and their angle measures. • Identify triangle congruence theorems. • Apply this knowledge to complete proofs about triangles. Complete classwork						
	G.GCO.6		Complete classwork						
Wednesday	G.GCO.9	Prove, and apply in mathematical and real-world contexts, theorems about the relationships within and among triangles, including the following: c) Measures of interior angles of a triangle sum to 180 d) Base angles of isosceles triangles are congruent Prove two triangles are congruent by applying the SAS, ASA, AAS and HL congruence conditions. Represent translations, reflections, rotations, and dilations of objects in the plane... Demonstrate that triangles and quadrilaterals are congruent by identifying a combination of translations, rotations, and reflections in various representations that move one figure onto the other.	Warm Up	Chapter 4 Practice Test Review	Complete warm up problems Take notes and participate in lesson problems to reinforce concepts.	Class discussion participation during warm up. Questioning. Walk room practice test to assist and answer questions as needed.	Whole class, Individual Small group	Warm up problem Notes for CS4.1 and CS4.2 Worksheet 4.1 and 4.2	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer
	G.GCO.2		<ul style="list-style-type: none"> • Classify triangles and their angle measures. • Identify triangle congruence theorems. • Apply this knowledge to complete proofs about triangles. Complete classwork						
	G.GCO.6		Complete classwork						

Thursday	<p>G.GCO.9</p> <p>G.GCO.2</p> <p>G.GCO.6</p>	<p>Prove, and apply in mathematical and real-world contexts, theorems about the relationships within and among triangles, including the following:</p> <ul style="list-style-type: none"> e) Measures of interior angles of a triangle sum to 180 f) Base angles of isosceles triangles are congruent <p>Prove two triangles are congruent by applying the SAS, ASA, AAS and HL congruence conditions.</p> <p>Represent translations, reflections, rotations, and dilations of objects in the plane...</p> <p>Demonstrate that triangles and quadrilaterals are congruent by identifying a combination of translations, rotations, and reflections in various representations that move one figure onto the other.</p>	Chapter 4 Test	Actively complete chapter 4 test	<p>Walk room during completion of chapter 4 test to assess progress.</p> <p>Performance on chapter 4 test.</p>	Individual	Chapter 4 test Pencils calculators	Applies to IEP/504/ESOL Priority seating Retest in resource room if needed.
Friday		Various	<p>Makeup chapter 4 tests</p> <p>Aleks online skills review</p>	Complete skills review in Aleks	Walk room during class to ensure students are completing Aleks assignments and provide assistance as needed.	Individual	Makeup tests, Computers	Applies to IEP/504/ESOL Priority seating Modeling