Teacher: Walczyk Course: Geometry Period(s): 2*&3 Week of: Dates: 3/5/18

Unit Title: Parallel & Perpendicular Lines
State Standards: G.GCO.1, G.GCO.8, G.GGPE.5
*Period 2 is one block behind due to an assembly.
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.1, G.GCO.8 G.GGPE.5	Define angle, perpendicular, parallel line, line segment, and skew in terms of the undefined notions of point, line and plane. Prove, and apply in mathematical and real-world contexts, theorems about lines and angles, including the following: b) When a transversal crosses parallel lines, alternate interior angles & alternate exterior angles are congruent while consecutive interior angles are supplementary, Perpendicular lines form four right angles Analyze slopes of lines to determine whether lines are parallel, perpendicular, or neither…Solve geometric and real-world problems involving lines and slope.	Warm Up Block 2 – Review CS3.2 worksheet Take Guidance online survey "Pop" Quiz Aleks Skills Builder Block 3 – CS 3.4 Find and Use Slopes of Lines	Complete warm up problems in notebook. Block 2 – correct worksheet while actively participating in review. Solve "Pop" quiz problems. Take online guidance survey in mature and serious manner. Solve problems in Aleks skills builder online program to enhance background knowledge. Block 4 - Take notes and participate in lesson problems to reinforce concepts. • Parallel lines have equal slopes. • Perpendicular lines have negative reciprocal slopes. • Find the slope of a line that passes through a given point. Complete classwork	Class discussion participation during warm up. Questioning. Performance on "pop" quiz Walk room during individual work to ensure understanding during notebook prep and problem activity.	Whole class, Individual Small group	Warm up problem Graded 3.2 worksheet "Pop" quiz Laptop computers Guidance survey link CS 3.4 Notes CS 3.4 Worksheet	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer
Tuesday	G.GGPE.5	Analyze slopes of lines to determine whether lines are parallel, perpendicular, or neither…Solve geometric and real-world problems involving lines and slope.	Warm up CS3.5 Write and Graph Equations of Lines	Complete warm up problems in notebook. Take notes and participate in lesson problems to reinforce concepts. • Find the equation of a line that passes through a given point using graphical representation or the equation of a parallel or a perpendicular line. Complete classwork	Walk room during warm up to assist if needed Class discussion participation. Questioning. Walk room during individual work to ensure understanding during classwork.	Whole class Individual Small group	Warm up problem CS3.5 Notes CS 3.5 Worksheet	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer
Wednesday	G.GGPE.5	Analyze slopes of lines to determine whether lines are parallel, perpendicular, or neither…Solve geometric and real-world problems involving lines and slope.	Warm up CS3.3 - Prove Lines are Parallel CS3.6 Prove Theorems About Perpendicular Lines Additional practice on Writing and Graphing Equations of Lines	Complete warm up problems in notebook. Take notes and participate in lesson problems to reinforce concepts. • Use converse theorems about parallel lines. • Use theorems about perpendicular lines. Complete additional classwork to practice finding the equation of parallel and perpendicular lines that pass through a given point.	Walk room during warm up to assist if needed Class discussion participation. Questioning. Walk room during individual work to ensure understanding during classwork.	Whole class Individual Small group	Warm up problem CS3.3 & 3.6 Notes CS 3.3 & 3.6 Worksheet	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer

Thursday	G.GCO.1, G.GCO.8 G.GGPE.5	Define angle, perpendicular, parallel line, line segment, and skew in terms of the undefined notions of point, line and plane. Prove, and apply in mathematical and real-world contexts, theorems about lines and angles, including the following: b) When a transversal crosses parallel lines, alternate interior angles & alternate exterior angles are congruent while consecutive interior angles are supplementary, Perpendicular lines form four right angles Analyze slopes of lines to determine whether lines are parallel, perpendicular, or neither…Solve geometric and real-world problems involving lines and slope.	Warm Up Review extra practice problems Start practice test	Complete warm up problems in notebook. Participate in review of practice problems. Correct any errors. Actively work to complete practice test to prepare for chapter 3 test.	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 Practice problems answer key Practice test	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer
Friday	G.GCO.1, G.GCO.8 G.GGPE.5	Define angle, perpendicular, parallel line, line segment, and skew in terms of the undefined notions of point, line and plane. Prove, and apply in mathematical and real-world contexts, theorems about lines and angles, including the following: b) When a transversal crosses parallel lines, alternate interior angles & alternate exterior angles are congruent while consecutive interior angles are supplementary, Perpendicular lines form four right angles Analyze slopes of lines to determine whether lines are parallel, perpendicular, or neither…Solve geometric and real-world problems involving lines and slope.	Warm Up Finish practice test	Complete warm up problems in notebook. Actively work to complete practice test to prepare for chapter 3 test.	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 Practice problems answer key Practice test	Applies to IEP/504/ESOL Priority seating Modeling, pair with appropriate peer