

Unit Title:	Solve problems involving geometry Pacing Guide		
Unit Vocabulary:	Compute Utilize Clarify Identical Compare Determine Evaluate Differentiate Estimate Random Reveal Deviate Display	Equivalent Ratios Scale Factor Triangle Adjacent angles Supplementary angles Area Surface Area Circumference Chord Pi (π) Area	Scale Drawing Similar Unique Complementary angles Vertical angles Composite figure Volume Diameter Perimeter Radius

	Learning Target <i>(All Teachers)</i>	Instructional Plan <i>(Core Teacher)</i>	Differentiation <i>(ELA/Math Inclusion Teacher)</i>	Level UP/Advisory Plans <i>(Core Content Teachers)</i> <i>(Not NHI time)</i>	Teacher Tips & Notes <i>(All Teachers)</i>
M O N	-I can determine the conditions that form a unique triangle, more than one triangle, or no triangle. -I can determine if three given side lengths can form a triangle.	<p><u>Opening Strategy:</u> Motivational Monday - in slides District Bell Ringer cycle 2 (print 10-13, 4 to a page) ALEKS fact fluency (there should be time)</p> <p><u>Core Lesson Activities:</u> Slideshow Unit 2 Lesson 2 - Use Side Lengths and Angle Measures to Draw and Analyze Triangles (day 2) Session 1 Print sides 3-4 (2 to page) if wanted practice p. 63 - tear out</p> <p><u>Summarizing Activity:</u></p>	<p><u>SWD Differentiation Strategy:</u></p> <ul style="list-style-type: none"> guided instruction that follows book, videos included to help explain <p>***today do notes and practice from last year</p> <p><u>Inclusion Teacher Role:</u></p> <ul style="list-style-type: none"> Stein will provide extra help/attention as needed 	Continue with the ALEKS learning path	<p>Quiz Tues.</p>

		Ixl (students might have completed on Friday)			
T U E	I can be successful on my quiz by mastering scale and triangle learning targets.	<p>Opening Strategy: Warm up/review</p> <p>Core Lesson Activities: Slideshow (print 2-5 if needed for review and notes) or go through grade together.</p> <p>Mastery Connect- Quiz on scale and triangle inequality</p> <p>Summarizing Activity: IXL/ALEKS</p>	<p>SWD Differentiation Strategy: Self paced quiz, open notes if needed</p> <p>Inclusion Teacher Role:</p> <ul style="list-style-type: none"> Stein will provide extra help/attention as needed 		Open House
W E D	<p>-I can develop and use the Triangle Sum Theorem.</p> <p>-I can determine the measure of the third angle in a triangle, given the other two angles.</p>	<p>Opening Strategy: slideshow Wellness Wed (SEL check-in)</p> <p>Core Lesson Activities: Slideshow</p> <p>Triangle sum theorem</p> <p>Summarizing Activity: IKL/ALEKS Ixl 4u6</p>	<p>SWD Differentiation Strategy: Geogebra to explore, video to explain, examples, and differentiated practice</p> <p>Inclusion Teacher Role:</p> <ul style="list-style-type: none"> Stein will provide extra help/attention as needed 	<p>Triangle Sum Theorem (GeoGebra Activity)</p> <p>Triangle Sum Theorem (Worksheet)- pull from when possible</p>	
T H U	<p>-I can develop and use the Triangle Sum Theorem.</p> <p>-I can determine the measure of the third angle in a triangle, given the other two angles.</p>	<p>Opening Strategy: Question 3</p> <p>Core Lesson Activities: slideshow (supplementary and vertical today) Unit 2 Lesson 4 - Solve Problems Involving Angle Relationships (day 1) Worksheet (print) (take out next year and do notes)</p> <p>Summarizing Activity: Practice from the book</p>	<p>SWD Differentiation Strategy:</p> <ul style="list-style-type: none"> guided instruction that follows book <p>***Next year look at changing handout and putting 2 days together.</p> <p>Inclusion Teacher Role:</p> <ul style="list-style-type: none"> Stein will provide extra help/attention as needed 		
F R	-I can use the properties of supplementary	<p>Opening Strategy: IXL group jams- on angle relationships</p>	<p>SWD Differentiation Strategy:</p> <ul style="list-style-type: none"> Turn and talk, modeling, real world examples. 	<p>Special Angle Pairs (Worksheet) (Worksheet)</p>	

I	complementary, vertical, and adjacent angles to determine unknown angle measures.	<p>Question 4</p> <p>Core Lesson Activities:</p> <p>Slideshow (complementary and adjacent today)</p> <p>Multi Slides</p> <p>Unit 2 Lesson 4 - Solve Problems Involving Angle Relationships (day 2) Practice day 2</p> <p>worksheet</p> <p>Summarizing Activity:</p> <p>IXL</p>	<p>Inclusion Teacher Role:</p> <ul style="list-style-type: none"> Stein will provide extra help/attention as needed 	Complementary, Supplementary, and Linear Pair (Worksheet)	
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[cycle 3](#) next week