Name: Thompson	Grading Quarter: 1	Week Beginning: 9/16/24
School Year: 24/25	Subject: Geometry	

Monday	Notes:
	
	Intro to Module 3 / Finish Assessments
		Objective:
		SWBAT review their knowledge from Module 2 and complete an introduction page of Module 3.
		
		Lesson Overview:
		
		• Finish Module 2 assessments
		• Those are finished they will be completing quiet work:
		  o Page 63 (Knowledge check from Module 2 –how far they have come)
		  o Page 151-152 (intro to Module 3)
		• Complete the Area of a Circle worksheet
		• Students will have the opportunity to make – up half credit of missed points on their Module 2 test.
			Academic Standards:
			n/a

Tuesday	Notes: **Module 3-1**	Objective: SWBAT analyze conjectures by using inductive reasoning and disprove conjectures by using counterexamples. Lesson Overview: Basic definitions: inductive reasoning, conjecture, counterexample • Learn pg. 153 (DI) • Example 1 (DI) pg.153 • Check (individually) pg. 153 • Example 2 (whole group) • Example 3 (DI) pg. 153 • Learn pg. 156 (DI) • Practice and Homework pages156 o Check problem (a & b)	Academic Standards: Mathematical practice #'s 1,3,5,6,7,8

Wednesday	Notes: **Review game**	Objective: SWBAT write and analyze compound statements by using logic. Lesson Overview: Basic definitions: statement, truth value, negation, compound statement, conjunction, disjunction, conditional statement, if-then statement, hypothesis, conclusion, converse, inverse, contrapositive, logically equivalent, biconditional statement • Learn pg. 161 (DI) • Example 1 pg. 161 (DI) • Example 2 (groups) pg. 162 • Learn Conditionals • Example 3 whole group • Example 4 (groups) • Discuss • Learn Biconditionals • HW – Example 7 Pg 166	Academic Standards: **G.CO.1** Mathematical Practice #'s 1,3,4,5,6
Thursday	Notes: **Module 2 Assessment**	Objective: SWBAT apply the Laws of Detachment and Syllogism. Lesson Overview: Basic Definitions: deductive reasoning, valid argument • Learn pg. 171 (DI) • Example 1 (DI) • Check problem top of page 172 (individually) • Example 2 (whole group) • CHeck problem in groups (pg. 173) • Learn Law of Syllogism (DI) • Example 3 (whole group) • HW ○ Page 174 (check problem)	Academic Standards: **Mathematical Practice 1-8 standards**
Friday	Notes: **Module 2 Assessment Review /Makeup work**	Objective: SWBAT review what we completed on our Module 2 assessment and catch up on any missing work in class while completing 2 ALEKS topics. Lesson Overview: • Go over on whiteboards what our common missed answers are from the assessment. • Complete 2 ALEKS topics.	Academic Standards: **n/a**