

### UNIT ORGANIZER TWS

Timeline	Topic	Objectives	Pre-Assessment	Assessment (F or S)	Lesson Plan
Day 1	Chapter 2.1 <i>Inductive Reasoning</i> Chapter 2.2 <i>Conditional Statements</i>	<ol style="list-style-type: none"> <li>1. Understanding inductive reasoning, it's applications, and history</li> <li>2. Recognize If-Then statements</li> <li>3. Negating If-Then Statements</li> <li>4. Constructing Perpendicular Lines</li> </ol>	Reviewing Test Class Survey (fist to five)	<a href="#">Graphic Organizer (F)</a> <a href="#">WorksheetG (F)</a> Homework 2.1 Problems Fist to five C.F.U	Lesson Plan 1
Day 2	Chapter 2.2 (cont.) Chapter 2.3 (modified) <i>Deductive Reasoning</i>	<ol style="list-style-type: none"> <li>1. Manipulating conditional statements</li> <li>2. Interpreting biconditional statements</li> <li>3. Using Deductive reasoning through communication and collaboration</li> </ol>	Plickers	Storyboard Conditional Statements (F) Homework 2.2 Problems	
Day 3	Chapter 2.4 <i>Using Postulates &amp; Diagrams</i>	<ol style="list-style-type: none"> <li>1. Justifying answers through postulates</li> <li>2. Able to construct thoughts that correctly argue why diagrams are constructed the way they are.</li> </ol>	Entrance Ticket	Quiz over 2.1-2.3 (S) Homework 2.4	
Day 4	Chapter 2.5 <i>Reasoning through Algebra</i>	<ol style="list-style-type: none"> <li>1. Understand the different types of proof (picture -&gt; t-</li> </ol>	Technology review	Geogebra Project (S)	

	Chapter 2.6 <i>Intro to proofs: Angles &amp; Segments</i>	table -> written) 2. Able to correctly identify Algebraic properties	(geogebra)	Homework 2.5 Homework 2.6	Lesson Plan 2
Day 5	Chapter 2.7 <i>Proving Angle Pair Relationships</i>	1. Will be able to correctly write a proof 2. Will be able to prove theorems based on angle pair relationships.	Crossword Puzzle	Homework 2.7	
Day 6	Review	1. Review for the test and make sure they understand what they're being assessed on.	Geogebra Due	Review Packet (S) 3-2-1 Report (Self)	
Day 7	Test 2.1-2.7	N/A		Exam (S)	
Day 8	3.1 <i>Identifying Pairs of Lines and Angles</i> 3.2 <i>Using Parallel Lines and Transversals</i>	1. Students will understand the construction of parallel lines and transversals 2. Students will be able to identify angles formed by transversals and how they relate to their appropriate theorem. 3. Students will be able to relate these theorems and definitions to algebraic properties and proofs.	Review of Previous chapter test	Kahoot (F)	Lesson Plan 3
Day 9	3.3 <i>Proving Lines are Parallel</i>	1. students will understand fully the converse of the previous transversal theorems 2. Students will be able to	<a href="#">Dance Dance Transversals</a>	Partner Worksheet (F)	

		boogie 3. Students will collaborate to solve problems.			
Day 10	<i>3.4 Find and use Slopes of Lines</i>	1. Students will be able to recognize positive, negative, zero, and undefined slope. 2. Students will be able to calculate slope. 3. Putting lines on a graph using two points		Quizziz (F) <a href="#">Who Wants to be a millionaire? (F)</a>	Lesson Plan 4
Day 11	<i>3.5 Write and Graph Equations of Lines</i>	1. Students will know slope-intercept form 2. Students will know standard form 3. Students will know how to create the equation of a line from two points	Quizziz Review	Floor graph scavenger hunt (F)	
Day 12	<i>3.6 Proving Theorems about Perpendicular Lines</i>	1. Students will understand how to prove theorems in relation to perpendicular lines 2. Students will be able to prove that lines are perpendicular		Quiz 3.4 & 3.5	Lesson Plan 5

Day 13	<i>Review</i>	<ol style="list-style-type: none"> <li>1. Students will review for the upcoming assessment</li> <li>2. Students will have fun doing so by playing a game of jeopardy</li> </ol>	Quiz Review	<a href="#">Jeopardy game</a> (S) Review Packet for Homework (S)	
Day 14	<i>Test</i>	<ol style="list-style-type: none"> <li>1. Students will pass the test</li> </ol>		Test 3.1 – 3.6	