-	h School	Subject: Geometry	
	4.5 notes, 4.5 worksheet, calculators,	Technology Needed: Document camera	
cumulative unit activity			
Socra	Image: Peer steaching/collaboration/ ction cooperative learning d practice Visuals/Graphic organizers tic Seminar PBL ing Centers Discussion/Debate re Modeling ology ation	Guided Practices and Concrete Application: Large group activity Hands-on Independent activity Technology integration Pairing/collaboration Imitation/Repeat/Mimic Simulations/Scenarios Other (list) Explain: Students will complete the notes in class and work on the worksheet provided. For out of the state of	
distance be Objective(I I Bloom's Ta	y the Pythagorean Theorem to find the etween two points in a coordinate system.	Differentiation Below Proficiency: We will fill out the notes together and do the cumulative unit worksheet. Students can work through homework problems with myself or go to resource room. Above Proficiency: Students can do more problems/applications of the content. I can refer them to a textbook. Approaching/Emerging Proficiency: Students will complete lesson as is. Modalities/Learning Preferences: Visual, intrapersonal	
movemen t Students w	Management- (grouping(s), t/transitions, etc.) vill participate in classroom discussion. They ndependently on their worksheets.	Behavior Expectations- (systems, strategies, procedures specific to the lesson, rules and expectations, etc.) Students will be expected to participate in classroom discussior and work independently on the worksheets. They will be respectful of their peers and allow them to work.	
Minutes	Procedures		
5	Set-up/Prep: Hand out the notes for 4.5 on the Distance formula. Tell students to get their cumulative unit		
5	 problem out. Engage: (opening activity/ anticipatory Set – access prior learning / stimulate interest /generate questions, etc.) Ask students what we learned yesterday and what problems they think we can fill in on the worksheet. Triangle 1: Give measure of side b and side c. Solve for a. Classify by sides. Indicate the side lengths with tic marks. Triangle 7: measure of x (this is from awhile ago) 		
15	Explain: (concepts, procedures, vocabulary, etc.) Distance formula notes will be filled out. I will go over my notes and add in discussion about how it can be related to the Pythagorean Theorem.		
20	Explore: (independent, concreate practice/application with relevant learning task -connections from content to real-life experiences, reflective questions- probing or clarifying questions) Hand out worksheet for students to work on.		
	Review (wrap up and transition to next activi		
5	Let students know tomorrow is a work day and be a quiz on 4.3-4.5 material on Friday.	d they can ask any questions they have on the material. There wil	

Progress monitoring throughout lesson- clarifying questions, check- in strategies, etc. I should be able to tell if the students are understanding based on the classroom discussion and if they are able to do the checkpoint problems. I can also observe them while they are working on the worksheet for the content. Consideration for Back-up Plan: If the students seem to not be understanding, we will go over some of the worksheet problems and I will ask for specific questions.	End of lesson: If applicable- overall unit, chapter, concept, etc.: There will be a quiz on Friday of this week as well as a unit test in week 4.
was unnecessary. This left the students confused and overviews on was entirely different the second time around. I only Both groups saw the connection from the Pythagorean The lesson did not come as easily as the Pythagorean Theorem,	? How do you know? What changes would you make?): ss suffered. I realized I tried to explain too much extra information whelmed. I reflected quickly with my practicum teacher and my y hit the essential information and the students responded well. corem content and were able to complete the worksheet. This , but the students still learned something. If I were to do this ate plane information beforehand. A little more frontloading for

Lesson Plan Template