Teacher: Rachel Wraley Room #:	Lesson # in Unit:	Date(s) 4-11-13	Period (s):	Lesson Topic:		
Academic Standard for Mathematics			cal Knowledge	Objective is seeking		
https://learningconnection.doe.in.go	v/Standards/PrintL	<u>to measure</u>				
ibrary.aspx						
Lesson Objective By the end of the lesson, students will be able to: 7.7.12 Note the method of finding the solution and show a conceptual understanding of the method by solving similar problems. 7.EE.4 Use variables to represent quantities in a real-world or mathematical problems, and construct simple equations		☑ Declarative☑ Procedural☑ Conceptual				
and inequalities to solve problems by rea	soning about the					
quantities. Standards for Mathematical Practices	3	Mathematic Conc	eptual Categorio	es		
Make sense of problems and perse in solving them. ☐ Reason abstractly and quantitativel ☐ Construct viable arguments and crit the reasoning of others. ☐ Model with mathematics. ☐ Use appropriate tools strategically. ☐ Attend to precision. ☐ Look for and make use of structure. ☐ Look for and express regularity in repeated reasoning. Common Core Literacy Standards: https://linearchy.com/hiteract/hit	vere y. tique tps://learningconne	Number and Callebra Algebra Functions Modeling Geometry Statistics and	Quantity			
Considerations for IEP and/or ILP:						
Checklist Overview: Use the checklist below to select your method(s) and your support strategies for this lesson. In the agenda section that follows, be sure to name the strategies in the appropriate section. Rationale for Method(s): Why are you approaching the lesson this way? I decided to use guided practice so that the student could get help while trying to decode the problems. I also chose a hands-on activity so that the student could practice by herself and gain confidence in her computation skills.						
Method(s) for Instruction	Togobor Marale Pe	g/Domo	Use of Technolog	łΥ		
☐ Class/Group Discussion ☐ Cooperative Learning ☐ Small Group ☑ Guided Practice ☐ Lecture or Direct Instruction ☐ Question/Answer ☐ Learning Stations	Teacher Modelin Journal writing Role Play Hands-on Inquiry Learning Game Simulation/Role F Independent Lea	Playing	Cell Phone PollEverywher CPS Clickers Elmo Docume Software Student Com Teacher Com Video Clips/D Website Web 2.0 tool Other	ent Camera puters puter w/LCD		

Study Skills	Reading Strategy	Writing Strategy		Vocabulary Strategy			
☐ Two column notes ☐ Guided note taking ☐ Opinion-proof chart ☐ Problem-solution chart ☐ Venn diagram ☐ Cause and effect frames ☐ MVP Most Valuable Point ☐ Creating metaphors ☐ Other	EQW Experience/Questions/still wondering KWL (word problem chart) Five-Step Problem solving Reciprocal teaching Graphic Organizer Anticipation/Prediction guides Word Problem Roulette Problematic Situation Read-talk-write Directed reading thinking activity Other	☐ Learning Logs ☐ Question/Answe Relationship ☐ Question the Au ☐ RAFT ☐ Writing to Learn ☐ Social-academi language translatic ☐ Graphic organiz ☐ Outlining ☐ Other:	thor ic ons	Frayer model List-group-label Semantic feature analysis Word Sorts Number Cubes Cue Cards Vocabulary self- awareness activity Creating metaphors Concept Definition Maps Other			
Strategies Rationale: Why are	you salacting those support of	 tratogies? What wil	l these hel	n you and your students			
accomplish? I hope for my student to become more confident in reading math questions and creating algebraic and geometric equations based on word problems. Agenda Anticipatory Set: How will you support students in accessing prior knowledge, personal, real world, and/or cultural connections? Warm Up: An introductory computation problem that involves solving an equation. During: What support strategies will you use to scaffold students learning so they meet or exceed targeted objective? Practice Activity: How to T-Chart The student will read through a question, write the problem down in the left-hand colum and then write how to solve the problem, in normal English, before actually computing an answer. Wrap up/Closing: How will you engage students in self-assessment and/or reflection on key concepts taught? Ticket Out: Self-Assessment The student will complete a checklist on the overall progress made during the Practice Activity.							
Daily Assessment How do you know your students met your lesson objective(s)?	Class discussion CPS clickers Email teacher Entrance/Exit slip Teacher Observe Thumbs up, neutro Homework check Listened to conver Math Journal Quiz Video quiz Voting	☐ CPS clickers ☐ Email teacher ☐ Entrance/Exit slip ☐ Teacher Observe ☐ Thumbs up, neutral, or down ☐ Homework check ☐ Listened to conversations ☐ Math Journal ☐ Quiz ☐ Video quiz ☐ Voting ☐ Whiteboard Check		e: tation cam			
Additional Teacher Prepara	tion:	Use of Materials					
Copy: Locate: Additional Reference/Sources of		☐ Teacher's Manua☐ Student Text pg #☐ Picture Books☐ Handouts: T-Chan☐ Manipulative:☐ Related Equipme☐ Adapted materia☐	rt nt:				
Additional Material Compounces	ZI AIII VI III UUUUUUU						

<u>Daily Reflection</u> This would be a section at the end for the teacher to note any strengths or weaknesses of the plan. What worked well? What needs to be changed for next year? What are the next steps for the students and how will you get them there?

The lesson went well and worked out pretty much like I had hoped. The student really liked and picked up the T-Chart easily after the first couple of problems. However the student didn't really want to have to come up with the answers in plain English all by herself. She even asked if I could make her a "filled out" version of the chart. The next step is for the student to have more experience writing in normal sentences/directions in Math. That is the next big skill I plan to work on.