Teacher: Rachel Wraley Room #:	esson # in Unit:	Date(s) 4/25/13	Period (s):	Lesson Topic:
Academic Standard for Mathematics		_	ical Knowledge C	Objective is seeking
https://learningconnection.doe.in.gov/Standards/PrintLibrary.aspx Lesson Objective By the end of the lesson, students will be able to: 7.G.6 Solve real-world and mathematical problems involving area, volume and surface area of two- and three-dimensional objects composed of triangles, quadrilaterals, polygons, cubes, and right prisms. Standards for Mathematical Practices		Type of Mathematical Knowledge Objective is seeking to measure □ Declarative □ Procedural □ Conceptual Mathematic Conceptual Categories		
 ✓ Make sense of problems and persevin solving them. ✓ Reason abstractly and quantitatively ✓ Construct viable arguments and critication 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: 				

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-academ language translatic ☐ Graphic organiz ☐ Outlining ☐ Other:	☐ Frayer model ☐ List-group-label ☐ Semantic feature thor analysis ☐ Word Sorts ☐ Number Cubes ☐ Cue Cards ☐ Vocabulary self-		
Strategies Rationale: Why are	vou selecting these support s	trategies? What wil	I these help you and your students		
accomplish? I hope for my stude		in reading math quest	tions and creating algebraic and		
geomteric equations based on wo	ord problems.				
Agenda Anticipatory Set: How will you support students in accessing prior knowledge, personal, real world, and/or cultural connections? Warm up: The student will do one introductory problem that involves measurements.					
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)? ☐ knowledge ☐ comprehension ☐ application ☐ analysis ☐ synthesis ☐ evaluation	Formative: Class discussion CPS clickers Email teacher Entrance/Exit slip Teacher Observe Thumbs up, neutro Homework check Listened to conve Math Journal Quiz Video quiz Voting Whiteboard Che	ersations	Summative: Test Project Report Presentation Final Exam Other		
Additional Teacher Prepara		Use of Materials			
Сору:	<u>011.</u>	☐ Teacher's Manua☐ Student Text pg #☐ Picture Books			
Locate:					

Related Equipment:					
Adapted materials:					
Additional Reference/Sources of Information:					
<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 failed. The student got through the warm up and two of the eleven prepared activity					
practice problems. My goal had been to improve her writing in Math while trying to help improve her					
picture to equation, or vice versa, skills. Since she had responded so well to the T-Chart in the last lesson					
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I planned on using that again, only problem was she didn't want to write the answer in direction format					
in English. She simply wanted to solve it. Most of the time when she goes straight into solving a word					
problem she doesn't understand what the problem is asking for so she gets the question wrong. By					
having her to write the How-to steps on the right side of the chart I thought that she would be forced to					
reason out why she was doing a particular step. It was unsuccessful. The next step is to work on slowing					
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creating Math literacy and then getting her to be able to write about Math.					