Teacher: Rachel Wraley Room #:	esson # in Unit:	<b>Date(s)</b> 3-21-13	Period (s):	Lesson Topic:		
<b>Academic Standard for Mathematics</b>		Type of Mathematica	al Knowledge	Objective is seeking		
https://learningconnection.doe.in.gov/Standards/PrintLibrary.aspx  Lesson Objective By the end of the lesson, students will be able to: 7.2.3 Solve problems that involve discounts, markups, and		<u>to measure</u>				
		<ul><li>☑ Declarative</li><li>☑ Procedural</li><li>☑ Conceptual</li></ul>				
commissions.						
Commissions.						
Standards for Mathematical Practices		Mathematic Conceptual Categories				
<ul> <li>☑Make sense of problems and perseven in solving them.</li> <li>☐Reason abstractly and quantitatively.</li> <li>☐Construct viable arguments and criticathe reasoning of others.</li> <li>☐Model with mathematics.</li> <li>☐Use appropriate tools strategically.</li> <li>☒Attend to precision.</li> <li>☐Look for and make use of structure.</li> <li>☐Look for and express regularity in repeated reasoning.</li> </ul>		□Number and Qua □Algebra □Functions □Modeling □Geometry □Statistics and Pr	·			
Common Core Literacy Standards: http	os://learningconne	ction.doe.in.gov/Stan	dards/PrintLib	rary.aspx		
Reading/Writing for Technical Subjects	:					
<u>Supporting Diverse Learners</u> <u>Student Assets:</u> The student's willingnes	ss to try problems.					
Anticipated Challenges: The student read	l below grade level.					
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 handson activity so that the student could practice by herself and gain confidence in her computation skills.						
Method(s) for Instruction  Class/Group Discussion Cooperative Learning Small Group Guided Practice Lecture or Direct Instruction Question/Answer Learning Stations	☐ Teacher Modeling ☐ Journal writing ☐ Role Play ☐ Hands-on ☐ Inquiry Learning ☐ Game ☐ Simulation/Role P ☐ Independent Lead	g/Demo.	se of Technolog Cell Phone PollEverywher CPS Clickers Elmo Docume Software Student Comp Teacher Com Video Clips/D Website Web 2.0 tool Other	e.com ent Camera outers 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 Worksheet	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/Answer Relationship Question the Author RAFT Writing to Learn Social-academic language translations Graphic organizers Outlining Other:	☐ 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	vou selecting these support st	L trategies? What will the	ese heln you and your students			
accomplish?	you selecting these support si	irategies: what will the	ese neip you and your students			
Agenda Anticipatory Set: How will you support students in accessing prior knowledge, personal, real world, and/or cultural connections? Warm up: An Introductory percent problem where the student will compute the sale price of a book  During: What support strategies will you use to scaffold students learning so they meet or exceed targeted objective? Practice Activity: Shopping Spree The student will go through sale ads and catalogs and create as many outfits as possible for under \$350. The student will record the price of the item and the sale percentage onto the Shopping Spree Form and then compute the sale price of each item.  Wrap up/Closing: How will you engage students in self-assessment and/or reflection on key concepts taught? Ticket out: The student will complete a self assessment checklist on the progress made during the Shopping Spree activity.						
<u>Daily Assessment</u> How do you kn			nmative:			
your students met your lesson objective(s)?  knowledge comprehension application analysis synthesis evaluation	Class discussion CPS clickers Email teacher Entrance/Exit slip Teacher Observe Thumbs up, neutro Homework check Listened to convei Math Journal Quiz Video quiz Voting Whiteboard Chec	al, or down stations	Test Project Report Presentation Final Exam Other			
Additional Teacher Prepare	ation:	Use of Materials				
Copy: Locate:		☐ Teacher's Manual pg☐ Student Text pg #☐ Picture Books☐ Handouts: Warm up.	# Shopping Spree Form, and Ticket			
		out Checklist  Manipulative:	shopping sproot only drid licker			

	Related Equipment:  Adapted materials: Sale Ads and Catalogs		
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?			