LESSON PLAN

Name: Smith, Barbara	Plan Title: Cinderella	Date: June 20, 2017	Grade Level: 3rd
Objective (s)	**Procedure**	**Materials**	**Assessment/Evaluation**
3.OA.D.8 - Solve two-step word problems using the four operations. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding. (This standard is limited to problems posed with whole numbers and having whole-number answers; students should know how to perform operations in the conventional order when there are no parentheses to specify a particular order [Order of Operations.]) **Skill Vocabulary Terms** addition division estimation strategies mental computation multiplication rounding subtraction unknown variable	**Essential Question:** How can *questions and answers'* strategies help solve for unknown quantities in multi-step problems? What is the standard order of operations used for solving word problems with more than one operation? **Anticipatory Set:** Two-step word problems are solved by using the results of the first step to solve the second step; all the while using estimation and mental math strategies to assess the reasonableness of intermediate and final results. **Introduction(Monday)** Introduce the four-basic operation and their relationships in fact families. Watch www.khanacademyvideo Have the students to produce simple fact families for each order of operation. Teacher will model using numbers from 0-20 randomly to construct fact families. Teacher will use guided *questioning and answering* strategies to help students to create fact families. **Closure:** Create a fact family using addition/subtraction.	Promethean Board Classic Fairy Tales Page 114-129 "Cinderella"	Oral Response Journal writing Teacher made test Board Work
	Knowledge Targets (Tuesday-Wednesday) • Students will know the order of operations without parenthesis.		

Text Vocabulary Terms Second Two One hundred One Dozen Six Three Pair	• Students will recognize a letter represents an unknown quantity in an equation. • Students will recall and use strategies for addition, subtraction, multiplication, and division. • Students will solve two-step word problems using the four operations. **(I DO)** Teacher will model ordering operations without parenthesis, using variable, and recall using fact families' strategies. **(WE DO)** Teacher will use guided questioning strategies to help students to create basic steps fact families from the information in the story "Cinderella" after *choral reading* it. **Closure: (YOU DO)** Create fact family using variables from given word problems.	Classic Fairy Tales Page 114-129 "Cinderella" Whiteboards	Oral Response Complete graphic organizers
	Reasoning Target: (Wednesday-Thursday) • Students will analyze expressions to determine which operations are needed to perform first, then second. • Students will evaluate and explain reasonableness of answers using mental, computation and estimation strategies. **(I DO)** The teacher will model how to analyze expression to determine operations needed and explain reasons. **(WE DO)** The teacher will use guided questioning to lead the students in the steps to analyzing and evaluation expressions. **(YOU DO) Product Target(Friday)** • Students will write an equation from the story, "Cinderella" to represent a word problem using a variable for the unknown. **Closure: (WE DO)** Create fact family using variables and analyze a given expression.	Classic Fairy Tales Page 114-129 "Cinderella"	Oral Response Board Work Teacher-made Progress Monitor