Lesson Plan Outline

Samantha Grobard & Jenna Tasse

**Unit Topic or Theme:** The unit topic for this activity is foundation of mathematics which includes addition and subtraction.

**Grade:** Third Grade

\* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \* \*

**Lesson Topic or Theme**: To give a group of students a better understanding when it comes to solving word problems that involve different amounts of money and the use of addition and subtraction.

**Lesson Objectives:** 🡪The student will be able to apply their own knowledge of either addition or subtraction to the word problem. 🡪The student will be able to identify which operation to use when completing to word problem. 🡪The student will be able to solve the word problem in a multi-step process efficiently.

**Instructional Technique:** The instructional technique that we are going to follow for our lesson plan is to create a general understanding of mathematical operations such as addition, subtraction, and the use of money during our lecture. The students should be able to complete the web quest activity to the best of their knowledge afterwards.

**Instructional Materials:** Prior to this web quest activity, students will be given a “Math Worksheet” to complete, correct amongst their peers and to then hand it in to the teacher after they finish to determine how much knowledge they have on these simple mathematical operations such as addition and subtraction. After completing the web quest the teacher will then re-evaluate the student’s by having them complete “Worksheet #2.” 🡪Access to a computer in the classroom 🡪A piece of scrap paper to do out the mathematical equations 🡪A pen or pencil 🡪An eraser

**Theoretical Perspective:** Students will be given a better understanding of how to solve word problems using simple mathematic operations as well as incorporating these skills into real life situations.

**Procedure:** 1. The teachers will introduce what the lesson plan is about (Mathematics using addition, subtraction and solving word problems) and handout the “Math Worksheet” which will be given to them to complete and then told to swap worksheets with a peer and then we will all go over it as a class. After correcting the worksheet the students will get their sheets back to see their grade and then afterwards the teacher will ask them to hand it in as a form of assessment.

2. Afterwards we will begin our Lesson Plan on Mathematics using addition, subtraction, and how to solve word problems. First we will be talking about how to add and subtract with decimals, then we will proceed to talk about how to identify key words when solving word problems in order to use the right mathematical operation.

3. After out lecture is complete we will assign the student’s to a computer in order for them to complete this web quest. We will be walking around the classroom monitoring each student’s progress to make sure that they are doing what they need to be doing and not fooling around.

4. After all of the students have finished and completed the web quest the teacher will re- evaluate the student’s by handing out one last worksheet to complete in order to re-assess them. The worksheet that they will have to complete will be “Math Worksheet #2.”

Adaptations for different learners🡪If students struggle with the use of computers they may team up with another peer and complete this activity together.

**Evaluation:** As the students complete the web quest activity the teacher will be walking around and monitoring the student’s progress, and answering any questions that the student’s may have. If the student’s make any comments or have any concerns about completing this activity it will be the teacher’s responsibility to write down some notes that she can take into consideration for her next class that she might present this to.

Prior to completing this web quest activity students will complete a “Math Worksheet” that will help demonstrate their background knowledge of what they already know. The students will then hand in that worksheet to be used as a form of assessment in order for the teacher to see where each individual student’s progress is at. The teacher will then review the worksheets to see if the student’s will be able to understand this lesson plan objective. The student’s who are struggling will need to sit down with the teacher one on one in order for them to be able to better understand the worksheet before completing the website.

Some students may have difficulty using bigger numbers when adding or subtracting as well as forgetting to subtract from the new difference rather than the original. Some may become confused and this could be a point where they may struggle.