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Elementary Math Methods

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Number Sense Lesson Plan

Standards: 3.1.2.1 – Add and subtract multi-digit numbers, using efficient and generalizable procedures based on knowledge of place value, including standard algorithms.

3.1.2.2- Use addition and subtraction to solve real world and mathematical problems involving whole numbers. Use various strategies including the relationship between addition and subtraction, use of technology, and the context of the problem to assess the reasonability of results.

Objectives: Students will be able to use subtraction in order to follow Alexander’s spending.

Students will be able to describe the different money pieces and their values.

Students will be able to analyze the story and decide whether his decisions were good or bad.

Materials:

Smart Board/Projector

YouTube link to audio reading of Alexander Who Used to Be Rich Last Sunday

http://www.youtube.com/watch?v=sCmLtT3fwyc

Expenses/Cost Worksheet

Whiteboard

Procedure

Hook : In your math journal record answers to the following: How difficult is it for you to save money? Talk about your savings plan. How much do you have and for what are you saving? Is it difficult to save money? Why or why not? How much money would you need to feel rich? Do you like to feel rich? If so, why?

Guided Practice:

We will listen to the book on tape first. During the story I will stop the tape periodically to question the class and predict, analyze and discuss the story. Once we have been through the story once, I will pass out the worksheets and we will listen to the story together again. We will stop to track Alexander’s spending from $1.00 to $0.00.   
  
Closing

Tell students to take out their math journals and complete the following exit question: How much is 3 quarters, 4 dimes, 6 nickels and 6 pennies.