

Name: Candace Collins

Grade Level/Subject: 4th Grade Math

Topic: Cool Tools for Solving Word Problems

Objectives (P.A.S.S.): 1.2.b: Solve simple open sentences involving operations on whole numbers.

Student will be able to successfully work word problems.

Materials:

Math Curse by Jon Scieszka and Lane Smith

paper ice cream cone for every student

about 7 paper scoops of ice cream for every student

glue

Introduction: I will begin by reading the students Math Curse by Jon Scieszka and Lane Smith. I will explain to students that there are word problems everywhere they look. I will also explain that learning tools to solve them is the key to word solving success.

Instructional process: I will write a word problem on the board. I will then give each student an ice cream cone and 7 scoops of ice cream. We will then discuss "cool tools" for solving word problem. We will discuss that the first thing you need to do when solving a word problem is to read the problem. We will write "Read the problem" on the ice cream cone. We will then continue discussing each step in solving word problem and write each step on a scoop of ice cream. We will glue the scoops to the cone in order. The top scoop will say "Cool Tools for Solving Word Problems." As I through each step we will use that step on the word problem that I wrote on the board.

Here are the steps I used:

1. Read the problem
2. Get rid of information that is not needed
3. Understand what it is asking
4. Look for key words
5. Decided how to solve the problem
6. Work it backwards if it is easier.
7. Check to see if the answer makes sense.

Closure: We will read over our "cool tools" and then I will have the students work some problem on their wipe-off boards.

Assessment: The students will work word problems from the book.

Modifications/Accommodations: ELL/Special Ed: I allowed them to use my ice cream cone to copy from so that they didn't have to copy off of the board. I also allowed them extra time to complete theirs.

Reflection: I believe this lesson worked really well. The one thing I would change is that I did not pre-cut the ice cream cones and scoops. Having the students cut them out took a lot of instructional time. We ended up having to do this lesson in two days, when it could have been done in one. I also had the students write key words for addition, subtraction, multiplication, and division on the back of the ice cream scoops. The students really enjoyed this lesson and were proud of their ice cream cones.