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Grade Level: 1<sup>st</sup> Grade

Cover Sheet for December 9, 2006

My lesson plan on odd and even numbers fits the Math –Ese Workshop objectives by teaching math vocabulary and by helping students assimilate this new vocabulary. It also deals with math and literacy.

My lesson plan on The Night Before Christmas graph deals with math and literacy. It is a new way for me to teach how to use bar graphs to my class and improves my students' understanding of the vocabulary term *bar graph*.

Grade Level/Subject: 1<sup>st</sup> Grade Math

Topic: The Night Before Christmas graph

Objectives:

Students will become more familiar with a bar graph.

Students will have a beginning understanding on how to use data from a bar graph to solve problems.

Objectives (P.A.S.S.):

Standard 5: Data Analysis

1. Organize, describe, and display data using concrete objects, pictures, grids, and numbers.
2. Formulate and solve problems that involve collecting and analyzing data common to children's lives.

Materials: Chalkboard, white board, or poster board

Marker or chalk

Little Post-It note (one/student)

Crayon or Marker (one/student)

A copy of the following books or a copy of other versions of The Night Before Christmas:

1. Garfield's Night Before Christmas by Jim Davis, Grosset & Dunlap, Inc., 1988, ISBN-0-448-09080-5
2. The Night Before Christmas, Fun to Read Fairy Tales, Modern Publishing, 1994, 1995, 1998, ISBN-1-56144-163-5
3. The Night Before Christmas, by Clement C. Moore, Ariel Books/Alfred A. Knopf, 1985, ISBN-0-394-54809-4
4. Jan Brett The Night Before Christmas, Scholastic Inc., 1999, ISBN-0-590-12056-5
5. Texas Night Before Christmas by James Rice, Pelican Publishing Company, 1986, ISBN-0-88289-603-2
6. Prairie Night Before Christmas by James Rice, Pelican Publishing Company, 1986, ISBN-088289-630-X

#### Introduction:

Tell the students that you will be reading several versions of The Night Before Christmas to them over the next few days. Instruct them to listen carefully and to look at the illustrations carefully because the class will be discussing the differences of the versions and comparing them to each other.

#### Instruction Process:

1. Read several versions of The Night Before Christmas to the class.
2. Discuss the differences as a class.
3. Give each student a Post-It note and instruct them to record their favorite version of the books you have read to them on the Post-It note with a marker or crayon. (I use crayon or marker in 1<sup>st</sup> grade so students can't change their answer after they see that their best friend did not choose the same one as they did. I also tell them to keep their paper covered so no one sees what they have written

until we have our markers or crayons put away.) I numbered the books instead of having my first graders write a title.

4. Have each student record their selected version on a class graph. I have the graph already constructed on poster board or the chalkboard or the white board. You can just have them write their name on their Post-It note and stick it on the graph or have them write their name in the column of the book of their choice.
5. After the graph is complete ask questions about the data on the graph and discuss how the problems were solved.

#### Closure:

Review what you have done and tell the students that you will be using bar graphs to solve similar problems throughout the remainder of the school year.

#### Assessment:

Observe student participation and understanding throughout the class discussion.

#### Modifications:

None are necessary.

#### Reflection:

My students enjoyed the books and the graphing activity. It was a fun and unusual way to work with bar graphs for my class.