

Name: Earl Chiddix

Grade Level/Subject: 3/Math

Topic: R&R-Incorporating Literature while teaching Math--ORDERED PAIRS--"THE POLAR EXPRESS"

Objectives (P.A.S.S.): Process Standard 1: 1--2:3--3:2--4:4--5:2 Content Standard 2: a 5: b, c

Students will be able to sort out of a story problem, ordered pairs to create pictures pertaining to the piece of literature selected.

Materials Used: 1. Book: "The Polar Express" by Chris Van Allsburg--Published by Houghton Mifflin Company-Boston--ISBN 0-395-38949-6

2. Worksheet containing word problems

3. Graphing Paper with numbered X and Y axis

Introduction: Read the book "The Polar Express" While reading, ask questions derived from using Bloom's Taxonomy--Use all six areas when asking questions. I use the "Think-Pair-Share" method in questions.

Instructional process: After reading, introduce the students to ordered pairs by using simple shapes for examples (square, rectangle, triangle)

Closure: A graph with numbered X and Y axis with a series of ordered pairs which when done correctly will be similar to pictures in the story.

Assessment: Have each student come up with a shape,with ordered pairs to create a simple picture for a classmate to reproduce.

Modifications/Accommodations: Taking 2 or 3 days will slow down any effort on the part of the teacher to try to rush this assignment. This lesson needs to have an "aire" of enjoyment and fun weaved into it to be as successful as it was for me.

Reflection: I did this in 2 days, but I had already prepared the students by introducing them to ordered pairs earlier. The kiddos had a wonderful time--they really enjoyed this lesson. I think, next time I do this lesson, I will build a theme around The Polar Express and explore other areas of learning opportunities.