

Name: Earl Chiddix

Grade Level/Subject: 3/Math

Topic: Mastering Math Vocabulary--"Three Names"

Objectives (P.A.S.S.): Process Standard 1: 1, 2, 3, 4, 5 Content Standard 2: 1a--3: 1
Students will be able to process vocabulary words to an understanding of the word to its application in the word problem.

Materials Used: 1. Book: "Three Names" by Patricia MacLachlan--Published by Scholastic Inc.-New York--ISBN 0-590-46405-1.

2. Worksheets containing word problems

3. Vocabulary word list:

a. arithmetic: the part of mathematics concerned with the study of numbers

b. boundary: a line around the edge of a region

c. calendar: a representation of the way in which a year is broken up into months, weeks, and days

d. direction: the way to go

e. exact: precise, accurate, correct in every way, not approximate

f. farthest: the longest distance away

Introduction: Read the book "Three Names" 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. After reading, introduce the vocabulary words for this lesson. Have students use the words in meaningful sentences either orally or written down. Meaningful Sentences: sentences that show the students know the word.

Instructional process: After reading, introduce the students to a guided work sheet with word problems. Review the Vocabulary Words introduced.

Closure: A work sheet with word problems provided by the book "Three Names" will be provided.

Assessment: A work sheet with similar problems as the first work sheet. Which will be graded.

Modifications/Accommodations: With ESL students or students with an IEP, allow more time for vocabulary clarification. Remember to make sure that each student understands the vocabulary words. Use strategies to reach that goal.

Reflection: Wow! This lesson went very well. Success was not only measured by great grades, but by the wide-eyed, "I got it!" look in the student's eyes.

THREE NAMES

Patricia MacLachlan

Vocabulary word list

arithmetic: the part of mathematics concerned with the study of numbers

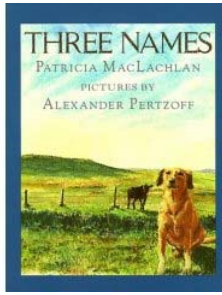
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Name _____
Date _____

THREE NAMES

Patricia MacLachlan

Directions: Read the following problems and solve.

1. If my great-grandfather is 100 years old, which he is not, and I am eight years old, then exactly how many years difference is there in our ages?

Number Sentence: _____ Answer: _____

2. The boundary around great-grandfather's garden was 40 feet wide and 150 feet long. He wants to put a fence around his garden to keep the jack rabbits out. How many feet of fencing will he have to build?

Number Sentence: _____ Answer: _____

3. When great-grandfather went to school and Three Names went with him, he had to practice arithmetic. Write a "meaningful" sentence using the word arithmetic correctly.

4. At the end of the book, great-grandfather and Three Names waited and longed for school to start. If school ended June 5 and it would start again in three months, what would be the date school would start? You may look at the calendar to help find your answer.

Number Sentence: _____ Answer: _____

5. According to the book, in the spring, storms would come and tornadoes would touch down and move neighbor's outhouses. Once there was an outhouse behind the barn. If the barn were facing east, what direction would we have to travel to find the "uprooted" outhouse?

Number Sentence: _____ Answer: _____

6. We were $\frac{1}{2}$ way down the 8 mile road to our house when Three Names jumped out of the wagon to chase prairie dogs. What was the farthest distance Three Names would have to travel to get back home?

Number Sentence: _____ Answer: _____

