

Name: Candace Collins

Grade Level/Subject: 4th Grade Math

Topic: Fraction Fun

Objectives (P.A.S.S.): 2.3b: Create physical and pictorial models of equivalent and nonequivalent fractional parts to be compared, added, or subtracted.

Objective: Student will be able to recognize fraction and compare equivalent and nonequivalent fractions.

Introduction: Hand out Martha Crunch, Personal Fractions Trainer and read it with the students. Remind students that the numerator is the top number and that is how many parts are being counted. The denominator is the bottom number and that means how many equal parts are in the whole. Go over "Here's A Practice Problem To Get You Going".

Instructional process: Go over the 10 questions with the students to make sure they understand the concept of fractions. Next explain that some times different fractions still name the same amount. These types of fractions are called equivalent fractions. Let them know that the easiest way to tell if a fraction is equivalent or nonequivalent is to use a picture. Give some examples on the board and also use fraction manipulatives to show this.

Closure: Have students use manipulatives to make their own equivalent and nonequivalent fractions. Hand out "Dear Mrs. Fraction" and go over the first story, modeling the technique.

Assessment: Have students complete "Dear Mrs. Fraction" to assess mastery of skill.

Modifications/Accommodations: ESL/IEP: Allow student more practice with manipulatives before working on worksheet. Check after each problem to assure understanding of concept.

Gifted: Have them predict if they are equivalent or nonequivalent before doing the pictorials.

Reflection: The students really struggled at first with fractions, so I included an additional worksheet for practice before comparing the fractions. The students did better with the comparing because of being able to see the pictures. We extended this lesson and did another worksheet for more practice on comparing fractions.