

Cooking Lesson Plan: Cornbread Addition **Length:** 30 minutes morning/afternoon

Age or Grade Intended: 4th Grade

Academic Standard(s):

4.2.8 Add and subtract simple fractions with different denominators, using objects or pictures.

Performance Objectives:

Given a box of cornbread mix, students will follow the directions to make cornbread with 100% accuracy.

Given measuring cups, students will accurately measure all ingredients needed with 100% accuracy.

Having made cornbread, students will work with adding simple fractions with 100% accuracy.

Advanced Preparation by Teacher:

Collect aluminum pie plates, purchase Jiffy cornbread mix, and measuring cups.

Procedure:

Introduction/Motivation:

Have you ever helped cook a meal?

What utensils are needed to cook?

Have you ever eaten cornbread?

Step-by-Step Plan:

In pairs, provide a pie plate and proper ingredients for cornbread mix.

Demonstrate to students how to mix ingredients to make cornbread.

Allow time for students to measure, mix, and bake cornbread. Allow time for cornbread to cool. Assign each group a fraction to cut their cornbread into. Guide students through a math lesson using all fractions assigned.

Closure:

Students will eat the cornbread they prepared while answering questions in a class discussion.

Adaptations/Enrichment:

Adaptations:

Students who need assistance will be provided lines of food coloring in order to make accurate cuts.

Enrichments:

Students needing enrichments will assist their classmates.

Bloom's Questions:

Do you know how to make cornbread?

Can you list the ingredients needed?

Can you explain how you cut the bread into fractions?

Gardner's Multiple Intelligences:

Intrapersonal: Accurately measure one ingredient.

Interpersonal: Work in pairs.

Mathematical: Working with fractions to measure.

Visual: Cutting the bread into fractions.

Self-Reflection:

What was difficult from a classroom management point of view?

Did the students enjoy this activity?

How could this activity been taught differently?

What other things could be used to teach fractions?