

T E X A S   A D U L T   E D U C A T I O N   S T A N D A R D S  
L E S S O N   P L A N

**Before you begin**

**Title:** Now We're Cooking!

**Setting:** ABE/ASE

**NRS Level(s):** Level 2: Beginning Basic Education  
Level 3: Low Intermediate Basic Education

**Open entry/exit:** Yes

**Context:** Family

**Standard(s):** Use Math to Communicate and Solve Problems

**Benchmark(s):** 1.3, 2.2

**Objective:** To use apply knowledge of fractions to daily activities such as cooking.

**Materials:** Copies of the recipe for each student, paper pencils

**Estimated time needed to prepare for this lesson plan:** 15 minutes

**Estimated time needed to complete this lesson plan:** 1 hour

**The Lesson Plan**

**Introduce the lesson:**

Discuss with students how often they have to increase or reduce their favorite recipe.

**Teach the lesson:**

As a class, demonstrate to student simple math problems that use the symbols ( $\times$ ,  $\div$ ) and words that represent those symbols for multiplication and division.

**Practice the lesson:**

Distribute copies of a recipe to each student. Instruct the students to 1) convert the recipe to  $\frac{1}{2}$  of the original portions, and then 2) convert the recipe to 2x the original portions. As a class, discuss the changes made to the recipe, come to consensus of the correct amounts, then record the correct measurements.

**Assess the lesson:**

Discussion of the correct measurements with teacher feedback.

**Apply the lesson to the real world:**

Students should be able to perform conversions to suit their individual needs.

**Submitted by:** Vicki Heard