

## Math Lesson Plan

**Grade Level:** 3rd Grade

**Title:** Fractions

**Length of Unit:** 5 pages written practice pages  
1 Math Center with 2 follow-up written practice activities  
1 Math Game for up to six players with follow-up 2 written practice activities

Five lessons (5 days, one day = 30 minutes)

### I. ABSTRACT

A. This unit combines written practice and hands-on practice to introduce and practice fraction and decimal concepts and notations as related ways of representing parts of a whole or parts of a set. Students apply skills in problem-solving situations.

Instruction guides student to a culminating math test and hands-on cooking activity focusing on fractional parts on day 5.

### II. OVERVIEW

A. Concept Objectives  
(adapted from the *California State Standards for Mathematics*)

#### Number Sense

3.1 Compare fractions represented by drawings or concrete materials to show equivalency and to add and subtract simple fractions in context (e.g.,  $\frac{1}{2}$  of a pizza is the same amount as  $\frac{2}{4}$  of another pizza that is the same size; show that  $\frac{3}{8}$  is larger than  $\frac{1}{4}$ ).

3.2 Add and subtract simple fractions (e.g., determine that  $\frac{1}{8} + \frac{3}{8}$  is the same as  $\frac{1}{2}$ ).

3.4 Know and understand that fractions and decimals are two different representations of the same concept (e.g., 50 cents is  $\frac{1}{2}$  of a dollar, 75 cents is  $\frac{3}{4}$  of a dollar).