Understanding Fractions:
Two-Part Workshop Series for Grades 3-5

Part 1:
Beyond Pizzas & Pies:
Developing Fraction Sense in Grades 3-5
November 15, 2016

This hands-on workshop will focus on instruction that builds foundational understandings of fractions. We will explore planning instructional activities that help students build "fraction sense": partitioning/sharing, equivalence, use of varied representations, comparing and ordering fractions and decimals. Developing these fundamental understandings is a prerequisite to fraction computation. We will explore a wide variety of tools that will build understanding of fractions from the concrete to the representational to the abstract levels.

Part 2:
Beyond Invert & Multiply:
Understanding Fraction Computation in Grades 3-5
November 29, 2016

This hands-on workshop will focus on instruction that can be used to build deep conceptual understanding of fraction computation. Research indicates that a majority of our students enter middle school with a limited understanding of fractions, and as a result begin to struggle with much of the middle school content. In this workshop we will explore how to teach fraction computation so that students truly understand the "whys" of fraction computation and see fraction computation as more than rules and procedures. We will explore activities that will build concrete knowledge of each operation, explore multiple representations of each operation, leading to abstract application of each operation.

Audience:	Grades 3-5 Teachers, Math and Instructional Coaches, Curriculum Leaders and Elementary Principals
Presenter:	Carole Foreman, Math Consultant & Coach
Time:	9:00 am - 3:00 pm each day
Location:	CESA 9, Tomahawk
Cost:	$200 per person for the series for School Improvement members $300 per person for the series for Non-School Improvement members Includes breaks, lunch, materials and resources for **BOTH** days

CESA 9 Contact: Linda Myers

Register Online by November 8, 2016 at:
http://login.myquickreg.com/register/event/event.cfm?eventid=16527