



Professional Services

Teaching for Understanding: Common Fractions, Decimals, Ratios and Proportional Reasoning (Grades 6-8)

Course Description

Teaching for Understanding: Common Fractions, Decimals, Ratios and Proportional Reasoning.

Overview

Examine what it means to develop and assess the concepts of fractions, decimals, ratio and percent through the use of multiple representation models. A lesson will be modeled and then participants will construct other lessons applying that model and co-constructing assessment items that reflect multiple representations.

Outcomes

- Participants will examine and discuss how to teach decimals, fractions, ratio and proportions deepening understanding of concepts and procedures.
- Help students develop a repertoire of rich mathematical strategies
- Help students to identify and remedy their misconceptions and reconstruct their thinking.
- Take part in multi-representational lesson, analyze an approach, and construct other lessons.
- Construct assessment items that apply the multi-representational models to fractions, decimals, ratio and proportion

Audience

Grades 6-8 teachers, Numeracy Coaches, Math Consultants

Number of participants

30 to 50

Delivery Method

Face to Face

Length of Course

One Day

Course Fee

\$150 per person



Pearson