



## PROFESSIONAL DEVELOPMENT



## SOLVING WORD PROBLEMS K-5

### TIME

### AGENDA

### DESCRIPTION

3 Hours

#### The Read-Draw-Write Process

**During the first half of the session, participants will:**

#### Solve and Analyze Kindergarten Word Problems

- analyze and practice the RDW process for solving word problems;
- study decoding part-whole relationships in common addition and subtraction word problem situations;
- model one- and two-step addition and subtraction word problems by using concrete, pictorial, and symbolic representations; and
- study and apply three counting strategies that students use as they acquire understanding of and skill with addition and subtraction.

#### Grade 1 Problem-Solving Strategies

#### 2-Step Word Problems (Grade 2)

3 Hours

#### Equal Group Problems

**During the second half of the session, participants will:**

#### Part-Whole Relationships with Multiplicative Comparison

- practice decoding part-whole relationships in common multiplication and division word problem situations;
- model one- and two-step multiplication and division word problems with concrete, pictorial, and symbolic representations; and
- practice different modes of delivery of word problem instruction when implementing the RDW process.

#### Suggested Delivery Methods for Word Problems