

# Posing Problems

to develop **PROBLEM SOLVERS**

**U**nderstanding mathematics means being able to use and apply it in meaningful ways. Mathematics learning is not a passive action. Through meaningful experiences, students can construct their understanding of numbers and operations in a personal way. It is the teacher's role to provide experiences that elicit the need for problem solving and making meaning of mathematics.

In this two-day training we will examine:

- the design of word problems and how to purposefully pose them in ways to teach mathematical concepts
- what it means to orchestrate conversations in order to develop the mathematical practices and habits of mind
- posing novel mathematical tasks to deepen collaborative problem solving
- teacher practices and moves that cultivate a robust community of thinkers and problem solvers

*Register online at*  
<http://sbceo.k12oms.org>

GRADES  
**K-5**

**Target**

**Audience:** K-5 Teachers, Math Coaches, Administrators

**Dates:** Day 1 - Tues, March 21, 2017  
Day 2 - Tues, April 25, 2017

**Time:** 3 - 6 p.m.

**Location:** Souza Center, Santa Maria

**Cost:** \$150 for two days

For more information, contact:  
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