

Posing Problems

to develop **PROBLEM SOLVERS**

Understanding 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-2

Target

Audience: K-2 Teachers, Math Coaches, Administrators

Dates: Day 1 - Tues, Jan. 24, 2017
Day 2 - Tues, Feb. 7, 2017

Time: 8:30 a.m. - 3 p.m.

Location: Multimedia Training Center, SBCEO

Cost: \$285 for two days (includes breakfast and lunch)

GRADES
3-5

Target

Audience: Grades 3-5 Teachers, Math Coaches, Administrators

Dates: Day 1 - Tues, Jan. 31, 2017
Day 2 - Thurs, Feb. 16, 2017

Time: 8:30 a.m. - 3 p.m.

Location: Multimedia Training Center, SBCEO

Cost: \$285 for two days (includes breakfast and lunch)

For more information, contact:
Kristy Guerrero
Coordinator, Instructional Support
kguerrero@sbceo.org • (805) 964-4710 x5065

