

## TK — Grade 2 Mathematics and the Common Core

### SESSION 1

Date: September 24, 2015  
Time: 4:00 p.m.—7:00 p.m.

### SESSION 2

Date: October 22, 2015  
Time: 4:00 p.m.—7:00 p.m.

### SESSION 3

Date: November 12, 2015  
Time: 4:00 p.m.—7:00 p.m.

### SESSION 4

Date: December 3, 2015  
Time: 4:00 p.m.—7:00 p.m.

### LOCATION:

Santa Clara COE  
1290 Ridder Park Drive  
San Jose, CA 95131

### AUDIENCE:

TK—Grade 2 Teachers

### REGISTRATION:

<http://santaclara.k12oms.org/1051-103240>

### COST:

\$45 per individual / per session or \$170 for series (dinner included)

### FOR INFORMATION CONTACT:

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The Common Core State Standards-Mathematics (CCSS-M) in primary grades focus on the concepts, skills and problem solving related to addition and subtraction. This focus will help students gain strong foundations in math including a solid understanding of concepts, a high degree of procedural skill and fluency, and the ability to apply the math they know to solve problems inside and outside the classroom. The Santa Clara County Office of Education will be hosting a series of workshops to support teachers with building deeper understanding of the standards to enhance learning in the CCSS-M classroom.

### OUTCOMES

- Participants will learn how to help students make sense of number and place value concepts.
- Participants will examine models and strategies for counting and solving problems with the four operations of mathematics.
- Participants will understand how to enhance students' initial understanding of basic geometric properties.

### SESSION 1: COUNTING CONCEPTS

Participants will investigate various counting strategies that are used to develop fluency. We will explore ways to help students understand the relationship between numbers and quantities. Participants will consider how children develop the skills of comparing numbers and sets of objects.

### SESSION 2: OPERATIONS AND ALGEBRAIC THINKING

Participants will encounter ways students can represent the operations of addition and subtraction using models. We will explore the progression of addition and subtraction problem types and strategies students use to solve them.

### SESSION 3: PLACE VALUE

Participants will learn how to assist students in their understanding of place value and how two and three-digit numbers represent amounts of hundreds, tens and ones. We will also explore properties of operations to add and subtract.

### SESSION 4: ATTRIBUTES OF SHAPES

Participants will learn how to build student understanding and reasoning with shapes and their attributes through identification, description, analysis, creation and composition of two-dimensional shapes.

Resources are available to offset cost for participants from Program Improvement Districts or Schools. Please contact [david\\_kennedy@sccoe.org](mailto:david_kennedy@sccoe.org) or (408) 453.6982.

