Building Foundations for Mathematical Proficiency by 2014

Making the best choices in the 2007 California Mathematics Textbook Adoption

February 25, 2008

at the Red Bluff Community Center
(8:30a - 3:30p)

A cooperative project between

Chico Math Project | Region 2 Mathematics | Mt Lassen Math Council

Please join us for a day of examining the diversity within Intervention, Algebra Readiness, and Basic K-8 programs available in the mathematics adoption. By using portions of the Mathematics Adoption Toolkit, we will investigate the depth to which different programs address key standards while meeting the needs of ALL your students. Based on your District's Lens, and with the expertise of Region 2 Mathematics Leaders, we want to help you make the best decision for your students in the 2007 adoption.

District or school-site teams comprised of an administrator, teacher leaders and others involved in the adoption decision are encouraged to attend.

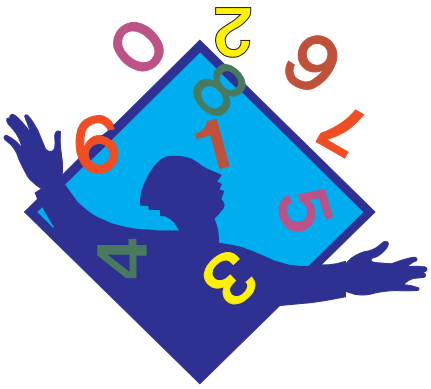
Cost: $25/participant *OR*
$20 per team member for 2 or more people

Sample of the day:

1. Introductions/greetings
2. Breakout sessions
   a. Algebra Readiness
   b. Intervention
   c. Basic K-6
   d. Algebra/Pre-Algebra
3. Catered lunch with site teams
4. Back to Breakouts
5. Closing

Participants receive Mathematics Adoption Toolkit material!

Breakout sessions:
Multiple choice! -- No, there will be no test at the end of the day.



Algebra Readiness:

Which of the following are true about an algebra readiness course?

A. A year-long course with an emphasis on mastery of arithmetic.
B. There are 11 instructional programs from which to choose.
C. Appropriate for students grades 8 and above who are not ready for Algebra 1.
D. It is NOT the same as Pre-Algebra.
E. ALL OF THE ABOVE.

The correct answer is E:

Research has shown that the following foundational skills are needed for success in algebra: whole numbers and operations, rational numbers and operations, symbolic notation, equations and functions, the coordinate plane, graphing proportional relationships, and introductory examples of algebra. Instructional materials should support a variety of instructional strategies, include diagnostic assessments, and rebuild missing foundational content. Research suggests that not all eighth graders have the foundational skills to take Algebra 1. Algebra Readiness covers an entirely different set of standards than pre-algebra or grade 7 mathematics; it is a new course.

Mathematics Intervention (4-7):

Which of the following are true about mathematics intervention programs?

A. It is not a fixed-term course.
B. A state-adopted program designed for strategic and intensive learners.
C. Comprised of 6 modules, each with a different mathematical focus.
D. Has entrance and exit assessments.
E. ALL OF THE ABOVE.

The correct answer is E:

Mathematics Intervention is not to be seen as a regular one-year course. The standards covered range from Kindergarten through grade seven. Programs vary from instructor-driven, computer-based, and individually tailored. Mathematics Intervention materials should help you identify where strategic and intensive students have gaps in their mathematical knowledge, and how to fill those gaps in a way that brings them up to grade level.

Basic Programs (K-8):

Which of the following are true about Basic K-8 Programs?

A. There are only 5 basic programs from which to choose.
B. All basic programs are essentially the same.
C. All basic programs develop standards at the same conceptual level.
D. Every program has included comprehensive universal access.
E. NONE OF THE ABOVE.

The correct answer is E.

There are actually 21 different basic programs from which to choose. The instructional strategies, presentation styles, assessment tools and other components featured in programs vary widely. The coverage of standards ranges from skill-based to highly conceptual and everything in between. While every program has included universal access tools, the extent to which these tools are interwoven throughout the programs and made readily available is different from program to program.

Building Foundations
A Day of Looking at Textbook Adoption

Program Date: February 25, 2008

APPLICATION

Application Deadline: February 15, 2008

Please check the breakout session you would like to attend:

☐ Algebraic Readiness ☐ Intervention (4-7)

☐ Basic Programs (K-6) ☐ Algebra/Pre-Algebra

Name: Email:

Home Address: City: Zip:

School: Current assignment:

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Team Member #2:

☐ Algebraic Readiness ☐ Intervention (4-7)

☐ Basic Programs (K-6) ☐ Algebra/Pre-Algebra

Name: Email:

Home Address: City: Zip:

School: Current assignment:

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Team Member #3:

☐ Algebraic Readiness ☐ Intervention (4-7)

☐ Basic Programs (K-6) ☐ Algebra/Pre-Algebra

Name: Email:

Home Address: City: Zip:

School: Current assignment:

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Cost: ☐ Individual $25 ☐ Team $20 per participant

Payment $ ☐ PO# ☐ Check

Mail completed application to: Center for Mathematics and Science Education
California State University, Chico
Chico, CA 95929-0530
Ph (530) 898-4322 **Or fax to : (530) 898-4580**

Need More Information on Textbook Adoption?

Confused?

Want to make good choices?

Look Inside... This is the event for YOU!

Center for Mathematics and Science Education
California State University, Chico
Chico, CA 95929-0530

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