

Building a Foundation for Algebra (Grades K–8)

LITTLE ROCK, ARKANSAS • JUNE 28–JULY 2, 2004

Time

8:30 A.M.–3:45 P.M. Monday–Thursday

8:30 A.M.–12:00 P.M. Friday

Place

Clinton Elementary School
142 Hollywood Avenue
Sherwood, AR 72120

Credit

Three graduate credits will be available through the University of Central Arkansas. Contact Belinda Robertson at (501) 450-3426 for enrollment and tuition information.

Registration Deadline

May 28, 2004

Cost

\$385 for registration. Checks should be made payable to **ADHE/Conferences**. Participants will receive a sample kit of manipulatives and a complimentary copy of the appropriate grade-level book—Grades K–2, 3–5, or 6–8—from the series, *Lessons for Algebraic Thinking*.

Send registration to:

Judy Trowell
Coordinator of Math Specialists' Training
Arkansas Department of Higher Education
114 East Capitol Avenue
Little Rock, AR 72201
Phone: (501) 371-2064
Fax: (501) 371-2001 or (501) 371-2008

Cancellation Policy:

If Marilyn Burns Education Associates receives written notice of a cancellation at least 30 days before the first day of the course, a full refund will be made. If written cancellation is received less than 30 days prior to the course, a processing fee of \$100 per participant will be charged. Participants who have not provided written cancellation according to this policy and do not attend the course forfeit the entire registration fee.

Building a Foundation for Algebra (Grades K–8)

This course helps teachers meet the challenge of making algebraic thinking integral to mathematics instruction in kindergarten through grade 8. As stated in the NCTM *Principles and Standards for School Mathematics*, incorporating algebra into the curriculum helps students “build a solid foundation of understanding and experience as a preparation for more sophisticated work in . . . high school.”

The course presents, in depth, the mathematical content and instructional strategies that are essential to developing students’ algebraic thinking. Teachers learn how instruction in algebra builds on the instruction they’re already providing in the area of number and operations and supports, enhances, and extends children’s work in arithmetic. Grade-level sessions address teachers’ specific instructional needs, and samples of student work connect the course experiences to classroom instruction.

Participants learn how to:

- provide instructional experiences that build students’ understanding of equivalence, patterns and functions, variables, and graphing;
- link algebraic thinking instruction to arithmetic instruction;
- use manipulative materials, children’s books, familiar contexts, and problem-solving experiences to teach algebraic thinking;
- help students see arithmetic, geometry, and algebra as connected topics integral to the study of mathematics; and
- establish a classroom atmosphere that stimulates and supports students’ learning.

Who Should Attend

Building a Foundation for Algebra (Grades K–8) is for elementary and middle school classroom teachers, Title I teachers, resource teachers, and mathematics coordinators. We especially encourage teams from the same school to attend. This course helps teachers develop instructional strategies that will allow them to better prepare students for the Arkansas Benchmark exams in math for grades 4, 6, and 8. The Benchmark exams require students to think critically and justify their reasoning.

Registration Form

Visit us online at www.mathsolutions.com.

Building a Foundation for Algebra (Grades K–8)

Little Rock, Arkansas
June 28–July 2, 2004

Enrollment in the course is limited.
Early registration is encouraged.

For more than one participant,
please photocopy this form.

Required Participant Information: For each participant, please print the information below.

Circle one grade level that you would choose as a focus for part of the week:

K 1 2 3 4 5 6 7 8

Name of Participant _____

Home Address _____
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City _____ State _____ ZIP _____

Daytime Telephone _____ Home Telephone _____

E-Mail _____

School _____

District _____ Title _____ Grade Level _____

