

Education Development Center's Mathematics Leadership Program (MLP)

is pleased to offer the course

Lenses on Learning Supervision

Dates: Thursdays 10/29 12/3, 1/7, 1/28, 2/25, 3/18, 4/8, 4/29
Additional Snow Date: 5/13

Time: 1:00 - 4:00

Cost: \$1200

Location: Education Development Center, 55 Chapel Street, Newton, MA

Lenses on Learning Supervision: Focusing on Mathematical Thinking, a course comprised of eight three-hour sessions is designed for principals, math coaches and math specialists, staff developers, and others who support the professional development of elementary teachers in mathematics. With a focus on developing a reflective and purposeful practice, *Lenses Supervision's* activities address challenges that principals and math educators encounter as they support robust mathematics education.

During the course, participants examine the process of learning mathematics and engage in discussion with colleagues in order to deepen their understanding of the supervisory or coaching experience. *Lenses Supervision* offers participants a unique perspective by highlighting three major themes:

- Deepening One's Own Mathematics Content Knowledge: The course is designed to deepen participants' Knowledge of Mathematics for Teaching for several concepts underlying elementary and middle grades mathematics. These concepts will be from three of the National Council of Teachers of Mathematics (NCTM) content *Strands*: number and operations, algebraic thinking, and geometry.
- Developing an Eye for Mathematics Classrooms: *Lenses Supervision* provides principals, coaches, and administrators with practice in observing elementary and middle grades mathematics classrooms, both on videotape and in their own schools, using four specially developed *Lenses Observation Guides*.
- Rethinking the Nature of Interactions with Teachers: The course provides opportunities for participants to consider how their discussions with teachers in pre- and post-observation conferences might be oriented to support a teacher's own construction of knowledge as well as an orientation of curiosity towards children's mathematical thinking.

Participants will have a reading assignment prior to the course as well as reading and writing assignments between sessions. Classroom observations of mathematics lessons will be assigned between selected sessions.

Session Topics:

1. Changing Mathematics Classes, Changing Supervision
2. Building Intellectual Community in Mathematics Classrooms
3. Linking Intellectual Community and Mathematical Inquiry
4. Observing for Content: Listening to Children's Ideas about Fractions
5. Supporting Generative Learning: How We Talk with Teachers
6. Observing How Knowledge is Constructed in Mathematics Classrooms
7. Building Mathematical Understanding: More than the Sharing of Ideas
8. Bringing It All Together: Fostering Generative Learning and Distributed Supervisory Practices

Course Facilitators:

Loretta Heuer

Senior Research & Development Associate, Center for the Development of Teaching, Education Development Center, Co-author: *Literacy Strategies for Improving Mathematics Instruction*

Beverly McCloskey

Principal, Memorial School, Natick MA

Registration:

Complete the form on pp. 3-5 of this document, and submit with payment by regular US mail. Enrollment is first-come, first-served. Late registrations will be accepted if space is available. You will receive an acknowledgment of your registration when it is received.

Institute Details:

Site: Education Development Center, Room A or B, 55 Chapel Street, Newton, MA

Refreshments: Light refreshments will be available before each session begins.

Parking: Free parking is available on Bridge Street behind EDC.

Numbers: The course is limited to 20 participants.

Required Text: Ordering Information

The text used throughout the course is *Lenses on Learning Supervision: Readings*. Each participant is responsible for ordering, at his/her own expense, a copy of *Readings* from Pearson Education Inc. at <http://budurl.com/LensesSupervRdgs>. Cost of the book is approximately \$55. (Note: Since there is a reading assignment prior to the first session, please order *Readings* soon after October 1, so that the book will arrive at least two weeks before the course begins.)

Further Information:

Lenses on Learning Supervision: Focusing on Mathematical Thinking is further described on the Math Leadership Program (MLP) website:

<http://www.mathleadership.org/page.php?id=56>

For Questions, Contact:

Loretta Heuer, course facilitator: LHeuer@edc.org

Kay Caruso, project coordinator: 617-618-2543

Application for *Lenses on Learning Supervision*, Page 2

Name _____

Professional Work: Describe the context of your current position. Do you work primarily (or exclusively) with teachers, students, or administrators? At what grade levels?

Professional Development Resources: Describe any support systems (principal/coach groups, regular meetings with principal/coach colleagues, professional development for principals/coaches, online resources) currently available you in your district or program.

Curriculum: Which math curriculum program(s) are in place in your district?

Application for *Lenses on Learning Supervision*, Page 3

- **For Payment by INVOICE:** Please type or print legibly. This information will be used to generate your invoice. Every applicant must complete this form.

This invoice of \$1200 is for the 8-session course, *Lenses on Learning Supervision: Focusing on Mathematical Thinking* to be offered by Education Development Center, Inc. during the 2009-2010 school year.

Name _____

Names of other attendees to be included on Invoice: _____

Employer Voucher or Purchase Order Number _____

To whom should this invoice be sent?

Name: _____ Title _____

Signature: _____ Date: _____

Address: _____

Phone _____ Fax _____

E-mail _____

- **For Payment by CREDIT CARD:**

Visa MasterCard

Credit Card # _____ Expiration Date _____
Month / Year

- **For Payment by Check:**

Please include your home address on your personal check and attach to this form.

Confirmation:

An e-mail confirmation will be sent to you upon receipt of this completed registration. Requests and information from your facilitator will be sent approximately two weeks prior to the event. Please be sure your e-mail address is entered legibly on Page 1 of this registration form.