

Developing Mathematical Practices for Algebra

Audience:	Grade 4-8 Math Teachers and Math Coaches	Cost:	\$400 TEC Members / \$480 Non-TEC Teams of 2 or more:
Instructors:	Amy Lucenta and Grace Kelemanik	Earn:	\$350 TEC / \$400 Non-TEC
Dates & Times:	Fridays, January 20, February 3 and March 2, 2012 8:00 AM – 4:30 PM	Grad. Credit:	24 PDPs 45 PDPs for graduate credit
Location:	TEC Professional Development Center		2 credits from Worcester State University for an additional \$200, payable at the first class

Course Description: This course will address the content and pedagogy of Algebra as they relate to the Standards for Mathematical Practices. Through shared mathematical experiences, participants will deepen their own understanding of Algebra and examine their own and their colleagues' solution strategies to broaden their concept of Algebraic reasoning. They will collect and analyze student work samples for evidence of and opportunities to promote students' algebraic thinking. The mathematical practice standards found in the Common Core State Standards and the new 2011 Massachusetts Mathematics Curriculum Framework will serve as a touchstone for this work. Participants will not only gain a clear understanding of the math practice indicators, they will learn how to develop these practices in their students.

About the Instructors: **Amy Lucenta** has been a secondary mathematics educator in private and public schools for close to 20 years. She has been a classroom teacher and provider of professional development. For the last five years, she has been an elementary math coach in the Newton Public Schools. She has taught and facilitated many professional development offerings for teachers, including a DESE Content Institute in the summer of 2011. **Grace Kelemanik** has taught in public and private schools and is currently working in the Boston Teacher Residency Program, for teachers committed to improving their practice. Grace has a private consulting practice and, for years, was a project director for many mathematics projects with the Education Development Center (EDC) in Newton.

Cancellations: No credits or refunds will be given on withdrawals less than 10 business days before the first class. Checks will be processed approximately two weeks prior to the start date of the course; other payments are processed immediately.
Note: After January 13, a \$25 late fee is required with each course registration.

To register: Visit our Online Registration Form at http://www.tec-coop.org/PDL_RegForm.html or complete this form and send, along with your check or purchase order, to:
 TEC Professional Development, P.O. Box 186, Dedham, MA 02027

Please register me for "Developing Mathematical Practices for Algebra" beginning on 1/20/12!

Enclosed is a check or purchase order for: ___\$400 TEC / ___\$480 Non-TEC / ___\$350 TEC Team of 2 / ___\$400 Non-TEC Team of 2

Name: _____	School: _____
Home address: _____	Role: _____
City, state, zip code: _____	Address: _____
Email: _____	City, state, zip code: _____
Home phone: _____	Work phone: _____

Online registration available! - see TEC website for more information

www.tec-coop.org

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