

## New Teacher Networks

### Network for New Math Teachers (NNMT) Network for New Science Teachers (NNST)

These networks provide teachers with the tools and expertise that will enable them to provide high-quality math and science instruction to their students. The meetings will focus on the Program of Studies and Core Content Version 4.1, how to create lessons and unit plans, targeting known student misconceptions and designing classroom formative and summative assessments.

Target Audience: New math and science teachers in grades K-12 with 0-5 years experience

Cost: \$675 per participant

#### Network for New Math Teachers

**Lexington** - 10/15/08, 11/5/08, 12/10/08, 1/14/09, 2/4/09, 3/11/09

**Madisonville** - 10/22/08, 11/12/08, 12/3/08, 1/21/09, 2/11/09, 3/18/09

**Elizabethtown** - 10/23/08, 11/13/08, 12/4/08, 1/22/09, 2/12/09, 3/19/09

#### Network for New Science Teachers

**Lexington** - 10/23/08, 11/20/08, 12/11/08, 1/15/09, 2/19/09, 3/19/09

## Everyone Passes Algebra 1 (EPA)

This multi-faceted approach to teaching Algebra encourages students of all learning styles to master the big ideas and concepts. Teachers will apply the latest research to curricular, instructional and assessment strategies. EPA uses technology, manipulatives, vocabulary strategies, various representations, communication and connections to enhance student learning.

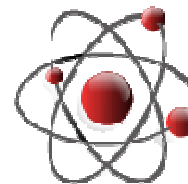
Target Audience: Regular and special education teachers in grades 8-12

Cost: \$1800 per participant

**Lexington** - July 28 - August 1

**Prestonsburg** - July 28 - August 1

**2 full-day and 2 after school follow-ups TBD**



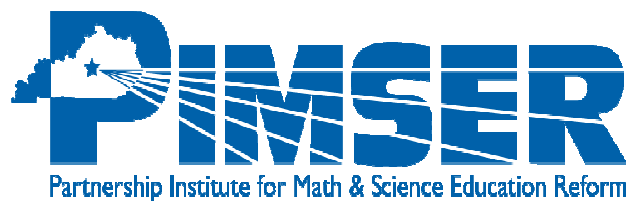
**The PIMSER P-12 Mathematics & Science Outreach Unit provides high-quality training and support for improvements in mathematics and science education. The unit provides ongoing professional development that models research based practices for classroom teachers, instructional coaches, principals, district and university administrators, university instructors, and state level education consultants. The P-12 Mathematics & Science Unit of PIMSER is available to provide support services throughout the Commonwealth.**

For more information on the P-12 Mathematics and Science Outreach Unit of PIMSER or any of our support services, contact:

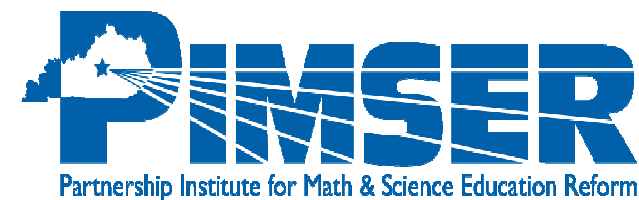
Kim Zeidler, Director  
859-257-4915  
kim.zeidler@uky.edu

For more information regarding program registration and payments, contact:

Jessica Dutzy, Conference Coordinator  
859-257-3706  
jessicadutzy@uky.edu



P: 859-257-4836      F: 859-323-1750  
[www.uky.edu/pimser](http://www.uky.edu/pimser)



**Summer 2008  
&  
2008-09 Academic Year  
Programs**

Brought to you by the **P-12 Mathematics & Science Outreach Unit of PIMSER**

641 South Limestone  
Lexington, KY 40506-0333  
859-257-4836/888-257-4836  
F: 859-323-1750

# Summer 2008 Programs

## Explore, Plan & ACT Workshop

The goal of this workshop is to provide schools with mathematics and science strategies to develop rigorous instruction in preparation for the Spring 2009 ACT test. The workshop will focus on the purpose of the ACT, implications of state-wide testing, and developing strategies and a plan for preparing students for the test. ***This is a repeat of the training that was offered during the 2007-08 school year.***

Target Audience: **District/School Team** comprised of a middle & high school math & science teacher, administrator, counselor and district curriculum supervisor

**Cost:** \$135 per participant

**Lexington** - June 23  
**Madisonville** - June 25

## One-to-One Math

This two-day training is a way to engage students in grades 2-8 who are struggling with foundational math skills by utilizing models and games as a different way to approach these foundational concepts. Participants will leave with strategies and materials necessary to assist students to be successful in dealing with addition, subtraction, multiplication and division.

Target Audience: Classroom teachers, instructional assistants, special education teachers, volunteers, parents

**Cost:** \$375 per participant

**Ashland** - June 5-6  
**Somerset/London** - June 5-6  
**Mt. Sterling** - June 12-13  
**Elizabethtown** - June 26-27  
**Bowling Green** - July 24-25



## Rational Numbers Project (RNP)

RNP takes a conceptual approach to teaching fractions. Participants will learn how to organize instruction using multiple concrete models and apply fraction ideas to real world situations. The manipulatives used in the training provide students with hands-on experience to make sense of the formal symbolic system. The one-day primary training is being offered because the study of fractions begins in the primary classes.

Target Audience: Regular and special education teachers in grades 4-9

**RNP Level 1** (3-day workshop)

**Cost:** \$400 per participant

**Whitley Co.** – June 11-13

**Elizabethtown** – June 16-18

**Mt. Sterling** – June 23-25

*This is a prerequisite for RNP Level 2.*

**RNP Level 2** (3-day workshop)

**Cost:** \$400 per participant

**London** - June 11-13

**Madisonville** – July 9-11

**Prestonsburg** – July 16-18

**Richmond** – July 21-23

*Participants must complete Level 1 before attending Level 2 training.*

**RNP Primary** (1-day workshop)

**Cost:** \$200 per participant

**Mt. Sterling** – June 27

**Berea** – July 10

**Prestonsburg** – July 17

All workshops and institutes are subject to cancellation or change in location based on number of registered participants.

For more detailed information on any of these networks or workshops, please visit [www.uky.edu/pimser](http://www.uky.edu/pimser) and click on **PIMSER Programs** then on **P-12 Mathematics and Science Outreach**.

## Leadership Support Networks

**Math Leadership Support Network (MLSN)**

**Science Leadership Support Network (SLSN)**

**Math and Science Leadership Institute (MSLI)**

Do your math and science leaders need support in their program improvement efforts? If you are interested in leadership or currently in a leadership role in your school or district, these institutes could prove to be the best professional development of your career. Form a professional learning community by participating in an ongoing study of important conceptual and pedagogical issues that face elementary, middle, and high school math and science teachers. *MSLI is an abbreviated, four-meeting version of MLSN and SLSN combined.*

Target Audience: K-12 math, science and special education teachers, administrators, curriculum specialists and instructional supervisors

**Cost:** MLSN/SLSN \$1250 per participant; MSLI \$400 per participant

**Math Leadership Support Network (MLSN)**

*\*All locations will have a two additional dates in June 2009 TBD during the network meetings.*

**Lexington 1** - 9/11/08, 10/16/08, 11/6/08, 1/15/09, 2/5/09, 3/12/09, 4/8/09

**Lexington 2** - 9/12/08, 10/17/08, 11/7/08, 1/16/09, 2/6/09, 3/13/09, 4/9/09

**Lexington 3** - 9/26/08, 10/31/08, 11/21/08, 1/30/09, 2/20/09, 3/27/09, 4/29/09

**Corbin/London** - 9/25/08, 10/30/08, 11/20/08, 1/29/09, 2/19/09, 3/26/09, 4/28/09

**Elizabethtown** - 9/19/08, 10/24/08, 11/14/08, 1/23/09, 2/13/09, 3/20/09, 4/17/09

**Madisonville** - 9/18/08, 10/23/08, 11/13/08, 1/22/09, 2/12/09, 3/19/09, 4/16/09

**Science Leadership Support Network (SLSN)**

**Lexington** - 9/12/08, 10/17/08, 11/14/08, 1/9/09, 2/13/09, 3/13/09, 4/17/09, June 18-19, 2009

**Math and Science Leadership Institute (MSLI)**

**Northern Kentucky** - 10/17/08, 11/7/08, 12/5/08, 1/16/09

**Murray** - 10/21/08, 11/11/08, 12/2/08, 1/20/09