



# ELEMENTARY MATHEMATICS

## Fall 2012

The 21st-century teacher of math must constantly find ways to improve his or her knowledge and skills in order to meet the challenges of the classroom. The workshops below will explore best practice for teaching mathematics and help teachers meet this challenge.

**New Series:**  
**TRANSFORMING MATHEMATICS  
TEACHING**

**DATE**

**WORKSHOP ID**

- |   |                |           |
|---|----------------|-----------|
| • Day 1: Manipulating Your Teaching Practices           | Sept. 11, 2012 | FA1223614 |
| • Day 2: Problem Solving vs. Solving Problems           | Nov. 6, 2012   | FA1223615 |
| • Day 3: Math Talk: Communicating in the Math Classroom | Feb. 19, 2013  | SPI323616 |

### REGISTRATION INFORMATION

- Register** <http://ecampus.escl3.net>  
**Cost** \$75.00 per workshop  
**Location** ESC Region XIII, 5701 Springdale Road (9:00 am - 4:00 pm)

## ELEMENTARY MATH - FALL 2012 ... *Continued*

WORKSHOP TITLE	DATE	WORKSHOP ID#
<b>Math with Mary Online Module: Multiplication with Base Ten Blocks (3-6)</b> This online module uses video demonstrations along with participant practice to lay the foundation for understanding multiplication of 2 digit numbers and beyond! The training supports student expectations outlined in the TEKS and will help teachers build the bridge between concrete models, pictorial representations and the abstract multiplication algorithm. (2 hours CE credit)	Ongoing	FA1224478
<b>ESTAR Academy K-2</b> This two day academy (Elementary Students in Texas Algebra Ready) is designed to further define algebra readiness and discuss the implications for classroom instruction in grades K-2. Participants will learn valuable classroom instructional strategies that support algebra readiness, as well as explore supports and differentiations for diverse learners. The primary focal areas for this training are on Whole Number Fluency, Fluency with Word Problems, Fluency with Facts, and Fluency with Fractions. (12 hrs. CE credit) <i>[The 150.00 registration fee for this training has been waived due to state funding through the TEKS PD grant. Valid through the fall of 2012.]</i> Use code: TEKSPD1213	Oct. 8-9, 2012	FA1223637
<b>Building Academic Vocabulary K-5</b> HOW we teach vocabulary makes a real difference. Together we will explore a variety of research-based strategies and games to develop proficient use of academic vocabulary. (6 hrs. CE credit)	Oct 15, 2012	FA1223631
<b>ESTAR Academy 3-4</b> This two day academy (Elementary Students in Texas Algebra Ready) is designed to further define algebra readiness and discuss the implications for classroom instruction in grades 3 and 4. Participants will learn valuable classroom instructional strategies that support algebra readiness, as well as explore supports and differentiations for diverse learners. The primary focal areas for this training are on Fluency with Whole Numbers, Fraction Concepts, and the relationship between Fractions and Decimals. (12 hrs. CE credit) <i>[The \$150.00 registration fee for this training has been waived due to state funding through the TEKS PD grant. Valid through the fall of 2012.]</i> Use code: TEKSPD1213	Oct. 17-18, 2012	FA1223635
<b>Building a Strong Foundation for Measurement in Math and Science (K-5) DAY 1 of 2</b> This training supports STAAR Category 4 in Math and its application through all Science Reporting Categories and builds the teacher content knowledge necessary to provide high quality Tier I instruction to elementary students. The focus for this day is on the big ideas of Linear Measurement. Participants will explore instructional strategies that target these core ideas and explore practical classroom activities for developing these important measurement concepts. Connections will be made between the measurement standards for both math and science. (6 hrs. CE credit)	Nov. 28, 2012	FA1224923

