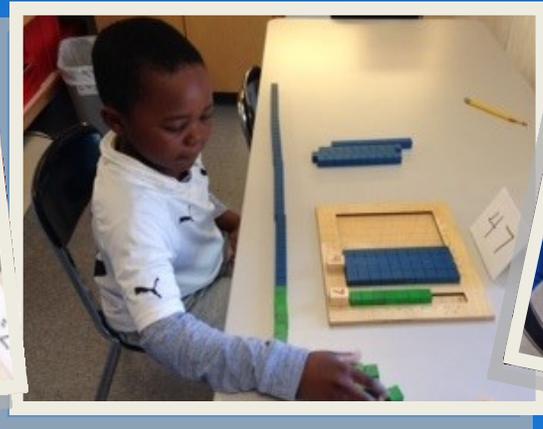


Developing Mathematical Foundations with Stern Structural Arithmetic

Support your students' development of number sense and understanding of the operations through the use of Stern Structural Arithmetic, a systematic, multi-sensory system that engages students as it helps them develop a concrete understanding of mathematical principles.

Clustered by grade level content aligned with Common Core standards, this two-part workshop over five half-days will strengthen teachers' content knowledge, while enabling them to use Stern manipulatives strategically and effectively.

This interactive workshop series includes demonstrations of the Stern materials and activities, including games, student videos, and hands-on practice.



Part I: Building the Foundation

July 11-13: 1PM—4PM

Teachers will use Stern manipulatives to scaffold students' understanding of and automaticity within 100 (aligned with K-2 Common Core standards).

Topics include: sequencing, addition, subtraction, place value, problem solving and money

Part II: Extending Place Value and Operations

July 14 and 15: 1PM-4PM

Participants will use Stern manipulatives to extend students' understanding of numbers and operations to include multiplication, division and fractions (aligned with Grades 3-4 Common Core standards).

Topics include: multiplication, division, fractions, decimals, and time

ABOUT THE PROGRAM

Stern Structural Arithmetic, developed by Catherine Stern, Margaret Stern and Toni Gould over six decades ago, allows students to discover the patterns and structures of our numerical systems through engaging manipulatives. Students will:

- ✦ Develop computational fluency
- ✦ Understand the relationships between number and the operations
- ✦ Enhance problem solving abilities

Stern has been extremely successful in supporting students with language processing and/or learning difficulties, as well as second language learners.

For more information about the program, please visit www.SternMath.com.

LOCATION

The Parkside School, 48 West 74th Street, New York, NY 10023

DATES & FEES

Part I: Building the Foundation

Sequencing, Addition and Subtraction within 100, Money

July 11, 12, 13: 1PM—4PM

Fee: \$285

Part II: Extending Place Value and Operations

Multiplication, Division, Fractions, Time

July 14 and 15 1PM—4PM

Fee: \$195



Visit www.parkside.org to register.

For questions about Stern, please contact Stephanie at StephanieFeinberg@yahoo.com.

For questions about registration, please contact Rachel at rvannucci@parksideschool.org.



Stern Math