

Teaching Math to Young Children Practice Guide: Hands-On Workshop

Bridge Event Agenda

Date: Monday, November 16, 2015
Time: 8:30 a.m.–4:30 p.m. (Central Time)
Location: American Institutes for Research Austin Office
Conference Center (Room 108)
4700 Mueller Boulevard
Austin, TX 78723

Overview

This free hands-on workshop explores the evidence-based recommendations in the *Teaching Math to Young Children* practice guide, produced by the What Works Clearinghouse.™ Participants will gain familiarity with and practice applying specific methods for increasing young children’s math knowledge, literacy, and competency. Key topics will include how to help children use informal methods to represent math concepts, processes, and solutions, and how to engage children in open-ended conversations that build math vocabulary.

Participant Outcomes

- Increased working knowledge of instructional practices for teaching math to children ages 3 to 5
- Better understanding of how to increase young children’s awareness of mathematical concepts in everyday life
- Better understanding of how to encourage children to describe math ideas in the world around them through the use of informal, and gradually formal, representations and language
- Increased working knowledge of ways to build young children’s math vocabulary

Presenter:

Sharon M. Carver, Ph.D.
Director of the Children’s School,
Carnegie Mellon University, and
Teaching Math to Young Children
Practice Guide Panelist

Facilitator:

Janice Keizer, M.A. Ed.
Alliance Liaison for Arkansas and
New Mexico Prekindergarten
Research Alliances, REL Southwest

AGENDA	
Begin: 8:30 a.m.	
I. Welcome, Event Orientation, and Speaker Introduction	<i>Janice Keizer, Facilitator</i>
II. Introduction to the Practice Guide	<i>Sharon Carver, Ph.D., Presenter</i>
<ul style="list-style-type: none"> ▪ Meaningful math for young children 	
BREAK	
III. Exploring the Practice Guide: Recommendations 1–5	
<ul style="list-style-type: none"> ▪ Developmental progressions (Recommendations 1 & 2) ▪ Progress monitoring (Recommendation 3) 	
LUNCH ON YOUR OWN	
<ul style="list-style-type: none"> ▪ Notice math all around you (Recommendation 4) 	
BREAK	
<ul style="list-style-type: none"> ▪ Live math in school (Recommendation 5) ▪ Math in all units of study (all recommendations) 	
IV. Q & A With Dr. Carver	
V. Thank You and Conclusion	<i>Janice Keizer, Facilitator</i>
Adjourn: 4:30 p.m.	