

KOHL CHILDREN'S MUSEUM OF GREATER CHICAGO
Early Math Education Initiative
Integrating Math Concepts into Informal Learning Environments
A Professional Development Opportunity
FACT SHEET
2017-2018

The Kohl Children's Museum is seeking home and center based child care providers to participate in a professional development training focusing on early math concepts with young children. In collaboration with Erikson Institute, Kohl Children's Museum, will provide childcare providers with professional development workshops and resources that support Algebraic Thinking, Measurement, Shapes and Spatial Relationships in informal learning environments such as museums, parks, nature centers and zoos. The program includes three professional development workshops, a child-centered interactive activity in the home or center classroom, a focused field trip at Kohl Children's Museum and an Early Math Symposium at the Kohl Children's Museum.

Focus

To effectively use informal learning environments to expand early mathematics concepts in home and center based child care programs.

Audience

Family and Center based child care providers serving at least 50% of children receiving Illinois DHS Child Care Assistance.

Application Procedures

All childcare providers/teachers must submit an application to Kohl Children's Museum by Friday, October 6, 2017 (See attached application)

Activities provided through program:

1. **Three Professional Development Workshops**
Participants must attend three professional developments from 9:00 a.m.-3:00 p.m. on:
 - November 11, 2017
 - January 13, 2018
 - April 14, 2018

These trainings will be held at the Kohl Children's Museum in Glenview. To receive the **15 Gateway approved professional development hours you must attend all three workshops.**

2. **Math Kit/Materials**
Each provider will receive a math kit to assist them in the integration of Algebraic Thinking, Measurement Shapes and Spatial Relationships in their programs. The kit will consist of children's books, manipulatives, and pre and post extension activities to conduct in the classroom. They will also receive a Big Idea's in Early Mathematics book related to mathematic concepts.

3. **Evaluation and Assessment**
Participants are required to complete staff development evaluations, pre and post surveys and workshop evaluations.

4. **One In-School Museum Experience and One Focused Field Trip:**
 - In-School Museum Experience: Participants are required to schedule a hands-on workshop exploring algebraic thinking at their home or center. Scheduling of workshop needs to take place November 11 – January 13.

 - Focused Field Trip: Participants are required to schedule and accompany their children to a hands-on workshop exploring measurement at Kohl Children's Museum. This field trip needs to be taken between January 13 – April 14. The field trip and bus fees will be paid for through the program.

5. **Math Symposium**
The Math Symposium will provide the opportunity for childcare providers to showcase their project and achievements, as well as to attend talks and participate in group discussion. The Symposium will help foster a sense of community among participants, regardless of the geographic locations of their childcare center/homes, as well as an appreciation of the value of the program, which will lead to a sustained integration of math concepts in everyday learning experiences. Participant must attend one Early Math Symposium in order to receive the three Gateway approved professional development hours, on February 17, 2018 from 4:00-7:30, at Kohl Children's Museum in Glenview.

Funding Overview

Project Pays For...
Field Trip Fees
Bus Fee
Big Idea's in Early Mathematics Book
Math Kit Materials



THE PLACE WHERE AWESOME LIVES

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