

KOHL CHILDREN'S MUSEUM OF GREATER CHICAGO
Early Math Education Initiative
Integrating Math Concepts into Informal Learning Environments
A Professional Development Opportunity
FACT SHEET
2018-2019

The Kohl Children's Museum is seeking home and center based childcare 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 childcare programs.

Audience

Family and Center based childcare providers serving at least 40% 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, September 14, 2018 (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:
 - October 20, 2018
 - December 1, 2018
 - March 23, 2019

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 Resource/Materials**

Each provider will receive a math resources to assist them in the integration of Algebraic Thinking, Measurement Shapes and Spatial Relationships in their programs. The resources 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, provide feedback from families through 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. You must have workshop scheduled and completed by October 22- November 30.
- 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 scheduled and completed by December 3- March 22. The field trip and transportation 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 attend talks and participate in group discussion. The Symposium will help foster a sense of community among participants, regardless of their childcare center/homes geographic location. As well as an appreciation for the value of the program. This will all lead to a sustained integration of math concepts in everyday learning experiences. Participant must attend the Early Math Symposium in order to receive the three Gateway approved professional development hours, on February 2, 2019 from 4:00 p.m.-7:30 p.m., at Kohl Children’s Museum in Glenview.

Funding Overview

Project Pays For...
Field Trip Fees
Transportation Fee for field trip
Big Idea’s in Early Mathematics Book
Math Resouce Materials

Contact Information:

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THE PLACE WHERE AWESOME LIVES

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Applicant's Name: _____

Applicant's Email: _____

Site Name: _____ County: _____

Site Address _____

City: _____ State: _____ Zip code: _____

Site Phone: _____ Fax: _____

Home Phone: _____ Cell Phone: _____

Center Director Name (if applicable) _____

Student's grade level: infant & toddler _____ 3-5 yrs. _____ 6-8 yrs. _____

Number of students in your classroom:

(a.m.) _____ (p.m.) _____ or _____ (full day program) _____

Statistical Information: _____ # of children in DHS Child Care Assistance Program
(must be 40% or more to be eligible)

Please list all the native languages of your students (language/s spoken in child's home):

Are you involved in any other initiatives? Please list

Explain why you should be selected for participation in this program (use a separate sheet of paper to expand if needed).

How did you hear about this professional development opportunity: (please check all that apply)?

- Facebook
- Kohl Children's Museum's Website
- Gateways
- Email from the Kohl Children's Museum
- Another provider or colleague
- Other: _____

PARTICIPANT REQUIREMENTS:

1. **Three Professional Development Workshops:**
Participants must attend three professional developments at Kohl Children's Museum in Glenview, IL. **Your attendance for the 3 full day of trainings, attendance to the Early Math Symposium and completion of journal is required to receive the 18 Gateway Approved credit hours.**
 - October 20
 - December 1
 - March 23
 - February 2 — Math Symposium
2. **Evaluation and Assessment:** Participants are required to complete staff development evaluations, pre and post surveys, family surveys and workshop evaluations.
3. **Use Math Manipulatives Resources:** Each provider will receive a manipulatives math kit to assist them in the integration of Algebraic Thinking, Measurement and Spatial Relationships in their programs.

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. Workshop must be scheduled and completed by Oct 22- November 30.

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 scheduled and completed by December 3- March 22. The field trip and bus fees will be paid for through the program.

5. **One Early Math Symposium; February 2, 2019:** Participant must attend the Early Math Symposium. The 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 for the value of the program. This will lead to a sustained integration of math concepts in everyday learning experiences.

Are you committed to participate in the activities listed above? ____ Yes ____ No

Childcare Provider's Signature

Date: _____

Approved: Director's Signature (if applicable)

Date: _____

Please e-mail, mail or fax this form to Natalia Ruiz

nruiz@kcmgc.org

(847) 832-6879 f: (847) 724-6469

By: Friday, September 14, 2018