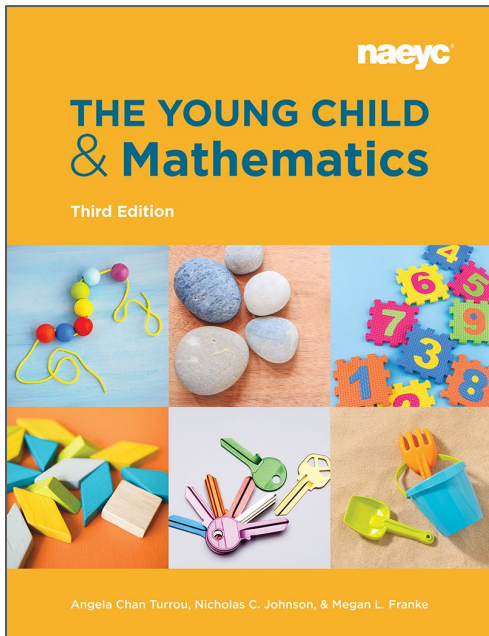




Early Math Interest Forum Book Club: Meeting #3 December 5, 2023



Math puzzle while we wait to get started: **“How can I cut the board into only two pieces so that they will fill inside the hole exactly?”**

Board: (3 x 8)

Hole (2 x 12)

From <https://www.mathsisfun.com/puzzles/a-hole-new-board-game.html> - see site for solution

Introductions: Early Math Interest Forum Facilitators and Staff

Host Tonight: Stephanie Calabrese



Who's in the Virtual Room?



Share your name,
organization, city, your
role, and ages you
work with in the chat.

What We Do | EMIF Goals



Promote high-quality mathematics learning opportunities for children 0-8 by providing opportunities for early childhood educators to:

- **network** with others about investigating big ideas in early mathematics content and connections to later math
- teach **mathematics as a creative endeavor**
- explore and use **developmentally appropriate** classroom and family **materials**
- promote **family engagement** in early mathematics
- address issues of **equity and access** to early mathematics
- promote a **positive mindset** to math in adults and children
- share **professional development resources**
- discuss recent **research**

Join NAEYC and the EMIF



<https://www.naeyc.org/get-involved/membership/join>

1. Visit <https://members.naeyc.org/eweb>.
2. Log in using your NAEYC Member ID and Password.
3. Under “**Account Links**” section on the right hand side of the page, click '**Interest Forum Opt in/out**'”
4. On the Interests page, click the box next to **Early Math Interest Forum**. *Please note: It takes around 30 minutes for changes to apply in Hello.*
5. Join in on the conversation on the HELLO platform (hello.naeyc.org) and with the EMIF Community.

naeyc
Early Math
Interest Forum

Join Our Listserv and Follow Us!

Subscribe here -

<http://bit.ly/EMIFListserv>



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1. Implementations from Chapter 2: *Shares: How did it go?*
2. Instructional Activity: What do you notice?
3. Overview of Chapter 3: Measurement and Data
4. Breakout Groups
5. Breakout Group Shares and Discussion
6. Next Action Steps
7. Planning for Next (Last!) Book Club Meeting (Chapter 4: Patterns & Algebra)

Chapter 2 'Happenings': How did it go?

(Spatial Relations and 'Describe-Draw-Describe')





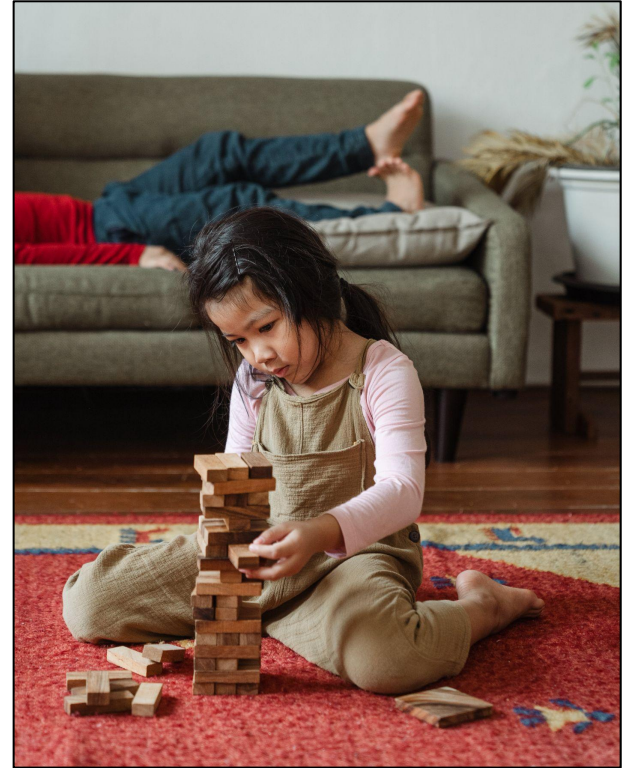
Instructional Activity: *What do you notice?*

Put your thoughts in the chat!

Chapter 3: **Measurement** and Data

- “Measurement is about **quantifying particular kinds of attributes**” (p. 47)
- Use **language/vocabulary** to help children with **precision** in their understanding and communication.
- Children first make **direct comparisons 2 things**. Eventually they can build to **ordering objects according to the attribute** (seriation)

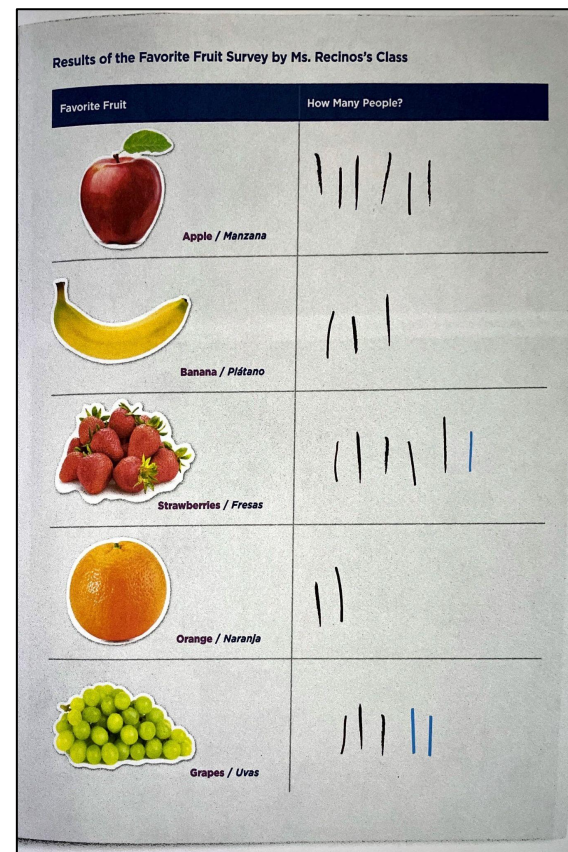
Video: [**Measurement During Play**](#)



Chapter 3: Measurement and Data

- “Data is about gathering, organizing, examining, and summarizing information” (p. 47)
- Is there anything you notice in particular about this graph (p. 63) As a teacher, is there anything you might change or adapt?
- What mathematical concepts and mathematical processes are at play in this activity and discussion?

Video: Graphing Shoes



Breakout Rooms

25 minutes

- **Choose a breakout room** according to your chosen age group of children that you work with. These are:
 - 1 room for ages 0-2
 - 2 rooms for ages 3-5
 - 1 room for ages 5-7
 - 1 room for mixed ages
- Use the link to the Google slide deck (in the chat) to **find a slide** that corresponds with your age group **and record your group's conversation** there.
- **Be prepared to share out** from your conversations!



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Group Share Out



'Next Steps' for Next Meeting (Chapter 4)

1. **Identify one instructional strategy** (related to spatial relations) that you will **implement in your practice** as a follow-up to tonight's meeting and before the next meeting in October.
2. For our next meeting, plan to **share some practical or classroom experience** with chapter 3 or chapter 4!

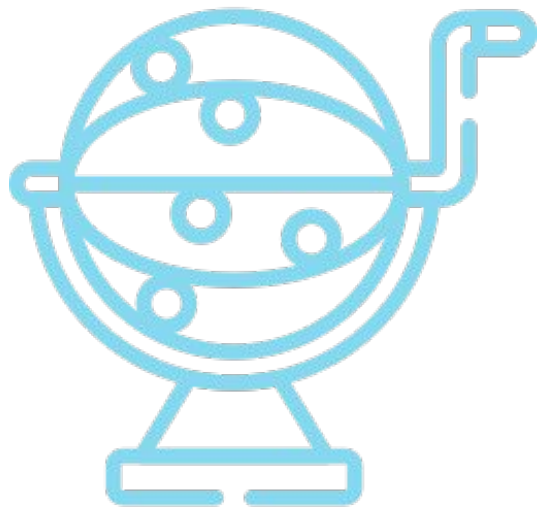


Next Meeting

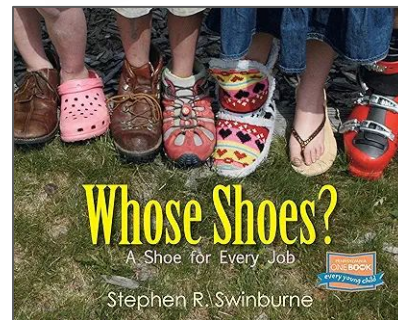
We hope that we can all meet again to discuss *Chapter 4: Patterns and Algebra* in December, 2023! Please go to the [Doodle Poll](#) (link in the chat) to indicate your availability so that we can choose a date that will work for most of us.



Door Prize



Graphing Math from hand2mind



Thank You for Attending!

EMIF Facilitators

Carrie S. Cutler (lead)

Toni Galassini (lead)

Lisa Ginet

Alissa Lange

Ashley Lewis Presser

Kristen Reed

Jessica Young

Additional Facilitators

Stephanie Calabrese

Helen Orimaye

Amie Perry

Daisy Tian

Alyson Anderson

Alesia Higgins

Tabitha Luczak

Lindsay Maldonado