

Family Math:

A Toolkit of Fun, Interactive Workshops to Promote Math Positivity

Early Math Symposium
2023



**Rosemary
Miller**

Senior Director, Early Learning
rmiller@pmgsocal.org



**Rocío López
Matthews**

Director, Early Learning Partnerships
rlopez@pmgsocal.org

Agenda

1. About Family Math
2. Co-designing Family Math
3. Family Math Impact
4. Family Math Toolkit
5. Q&A

What is Family Math?

Family Math is a research-based, multi-platform, bilingual program that focuses on building math positivity, confidence, and knowledge of foundational math skills for families with children ages 2-5.

The program equips parents and caregivers with strategies and resources to facilitate meaningful math experiences at home through playful learning and hands-on activities.



Number Sense & Counting



Patterns



Shapes



Spatial Sense



Sorting & Collecting



Measurement

What makes Family Math multi-platform?



Family Math

Language: English



6 Kids Math Crafts to Celebrate Black History Month, Lunar New Year, Valentine's Day and Presidents Day

February is full of opportunities to talk about diversity, history and our friends.

[Start Activities](#)



Family Math Activity Book

In the Family Math Activity Book, you'll find fun family-friendly activities for children ages 2-6.

[Get it Free!](#)



About PBS SoCal Family Math

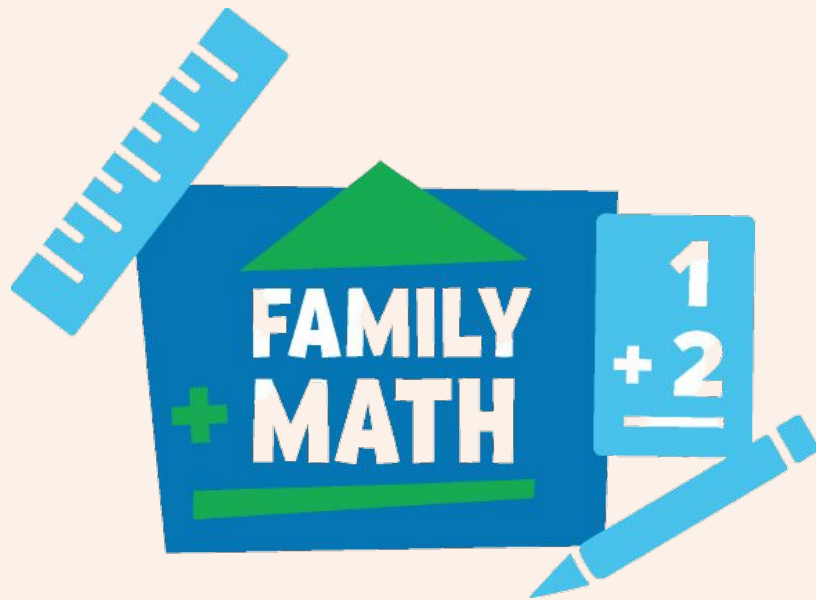
Improving meaningful outcomes for children by leveraging the power of early math skills.

[Learn More](#)

Family Math Mission

Facilitate children's and families' development of:

- **Math knowledge**
- **Math interest**
- **Math positivity**





Families Make a Difference

- Children spend more time with their families than anyone else throughout early childhood.
- Families can set the tone for how children learn.
- Early exposure to math concepts and activities for children through Family Math programs can be an important contributor to children's successful math learning outcomes.

What We Know About Math

- Early mathematics skills are a critical predictor of children's later school success
- Math knowledge can develop anywhere, anytime
- Increasing math learning opportunities in the home increases children's math knowledge



Family Math Objectives

- Create and share culturally responsive math opportunities and experiences
- Increase family math positivity and parent confidence in math
- Increase math proficiency and kindergarten readiness



Family Math Co-design

Give families a voice to help inform how a Family Math curriculum could support and inspire parents to have fun teaching and learning with their children anywhere, anytime.



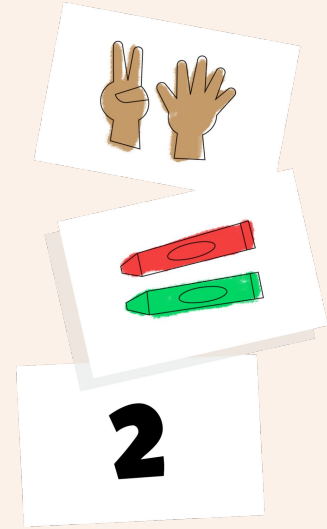
Impact

Data collected over the course of four years from 7,000 caregivers shows Family Math successfully:

- grew caregivers' knowledge of foundational math skills by **10%**
- increased caregivers' confidence by **14%**
- increased caregivers' math positivity by **12%**

"My confidence level has gone up. I teach them confidently and I'm very positive that going forward, things will get better. I have learned a lot [from the Family Math Parent Academy] and I have worked on myself the past few months. Basically, I've learned to be positive. I used to fear math as a child, but now I am positive and I'm confident that I can pull through. We can do it together with my kids. Even when we get to the advanced stage, we can do it together."

- Parent Participant

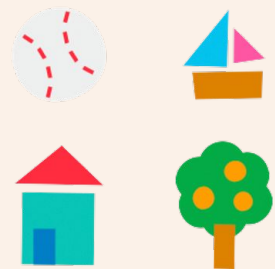


Family Math Toolkit

The Family Math Toolkit allows any organization to download and use Family Math's over 350 bilingual resources for free.

The Toolkit is being used by over 70 organizations since its launch, including:

- PBS stations across the country
- Nova Scotia School System
- Migrant Educators
- First 5
- and various school districts.



Let's explore the Family Math Toolkit!

Language: [English](#) ▾

Family Math Toolkit

Welcome to Family Math! We're excited to share our research-based, bilingual (English and Spanish), multiplatform family engagement program with you. The "About" link below is a great place to start.

Want to learn more? [Sign up here](#) for the Family Math webinar on May 25th at 10am PT.

Log in and register to access all resources.

Questions? Reach out to familymath@pmgsocal.org.

About

Log In



All Resources

Ready to explore? Click here to see all the Family Math resources, including activity videos, printable activities and games, broadcast spots, workshop materials,

Lead a Workshop

Know you want to run a workshop? Click here for a list of our workshop resources.

**Join us in the
Jamboard**



What's New for Family Math?

Content Expansion



Intergenerational
Music Videos and Games

Audience Expansion



Partnership with Tandem
Partners to transcreate video
content into Traditional Chinese

Register to our upcoming Family Math Toolkit information session



June 29, 2023
11:00 am

Q & A

Keep in touch!

familymath@pmgsocal.org

Thanks to our generous supporters!

