

The 7th Annual Family Engagement
LEADERSHIP SUMMIT

welcome!

we will begin
shortly...

**Ohio Statewide
Family Engagement Center**

For Every Child, Every Family, Every School



Dr. Shakiyya Bland

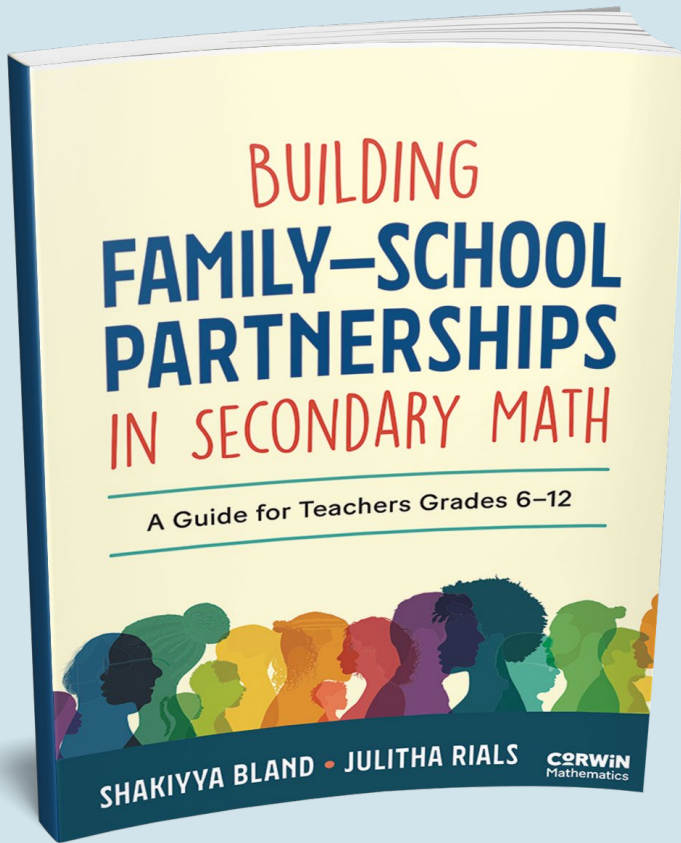


Dr. Julitha Rials

Small Shifts, Big Impact: Redefining Family Engagement in 6-12 Mathematics

Math & STEM 

What if the most powerful force in your math classroom was waiting at home? When families step into the equation, student motivation, persistence, and mathematical identity transform. Yet as students move into middle and high school, the home–school connection often fades — and many educators feel that distance growing. This interactive session flips that narrative. Grounded in the “Building Family–School Partnerships in Secondary Math” book by Dr. Shakiyya Bland and Dr. Julitha Rials, participants will explore research-informed strategies that rebuild and strengthen family engagement. You’ll engage with resources showing how to cultivate culturally responsive, strengths-based partnerships that connect families to the Standards for Mathematical Practice, Math Language Routines, and Funds of Knowledge. Small, intentional shifts in language, structure, and communication can profoundly reshape how students see themselves as mathematicians. Leave with practical tools ready to use and a renewed vision for what family partnership can be.



Small Shifts, Big Impact

Family Engagement in 6–12 Mathematics

September 18th, 1:00 – 2:00 PM ET
Family Engagement Leadership Summit

Building Family–School Partnerships in Secondary Math
Dr. Shakiyya Bland and Dr. Julitha Rials



Center for Universal STEM and Humanities®
Culturally-Based STEAM Learning

By the end of this session, participants will...

1

discuss communication and relational shifts that enhance learning

2

connect students' lived experiences to core math concepts

3

use frameworks to develop action steps

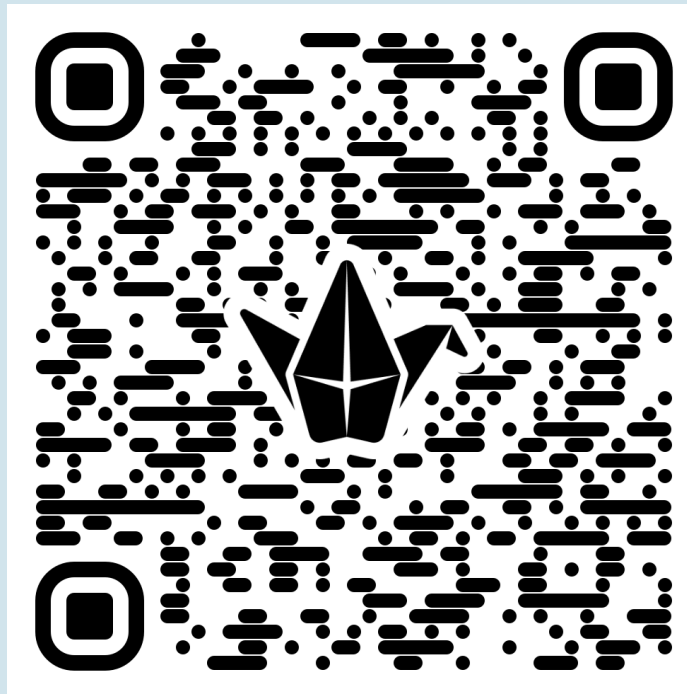
4

access ready-to-use tools for school and home

Interactive Warm-Up

Reflect on personal experiences with family engagement; share challenges and bright spots.

<https://shorturl.at/jrO67>



Authentic family engagement during the middle and high school years . . .

- **strengthens student motivation in mathematics**
- **builds problem-solving persistence**
- **grows learner confidence and mathematical identity**
- **honors families as co-educators**

Caregiver involvement has the strongest positive effect on students' math performance at the high school level, followed by a slightly lesser, but still significant, impact in middle school (Wang & Wei, 2024).



THE FOUNDATION

Three research-based frameworks guide the work

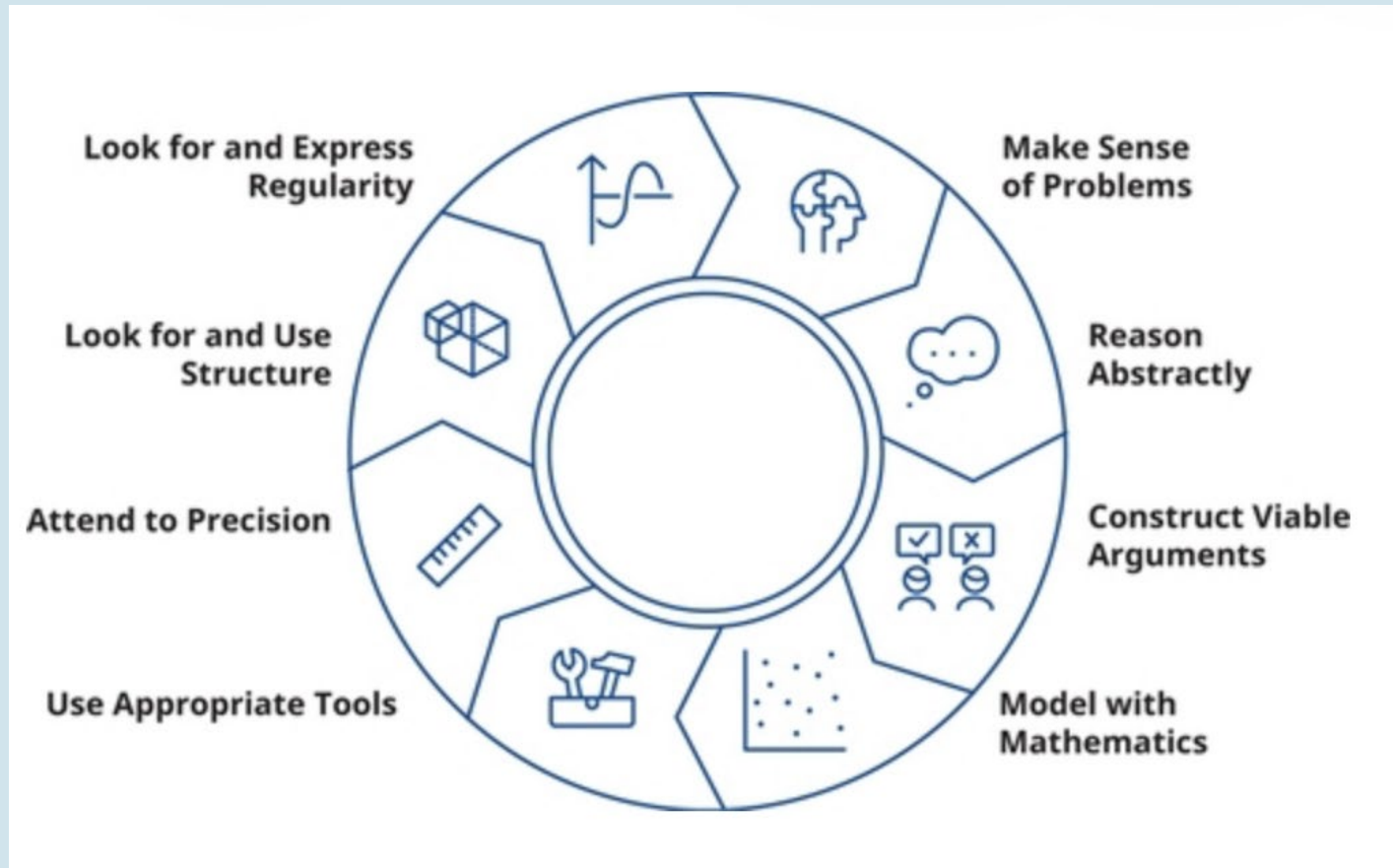
**Standards for
Mathematical
Practice**

**Math Language
Routines**

**Funds of
Knowledge**

Framework Spotlight: Standards for Mathematical Practices

Building
Family-School
Partnerships
in Secondary
Math p. 48



Collaborative Design

1. Move into your assigned breakout room

Remember your **breakout room number/name**.

2. Discuss the vignette

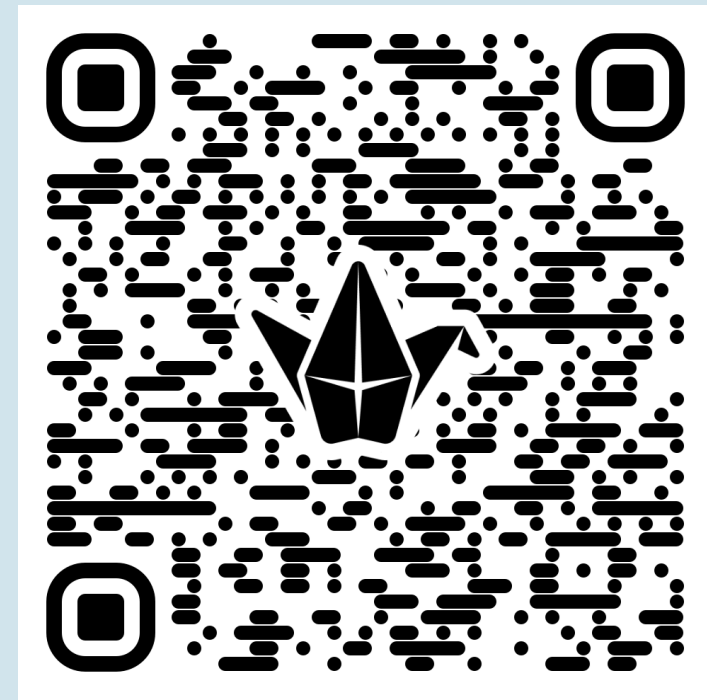
The vignette will be shared in the **chat**.

3. Select a speaker

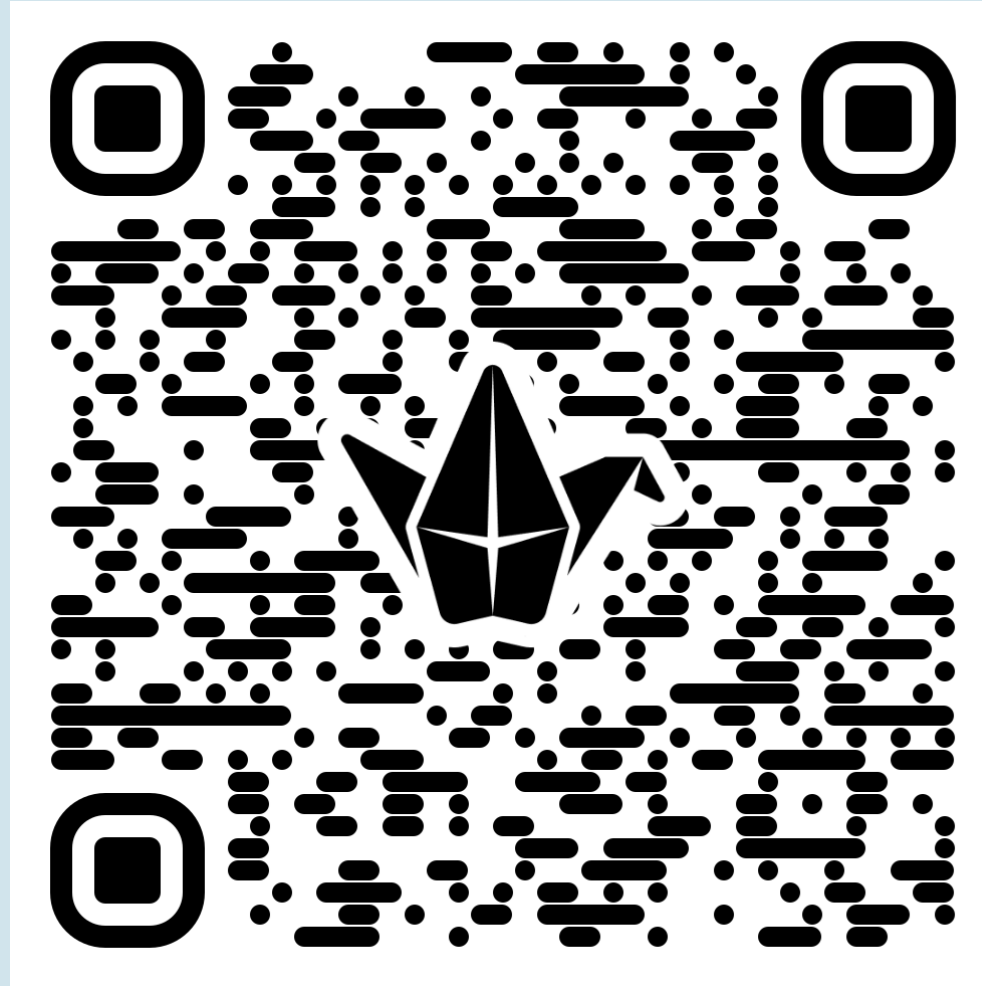
Choose **one person to share your group's thinking** when we return.

4. Capture your thinking

Add your **key takeaways and questions** to the group **Padlet**.



Reflection <https://shorturl.at/jrO67>



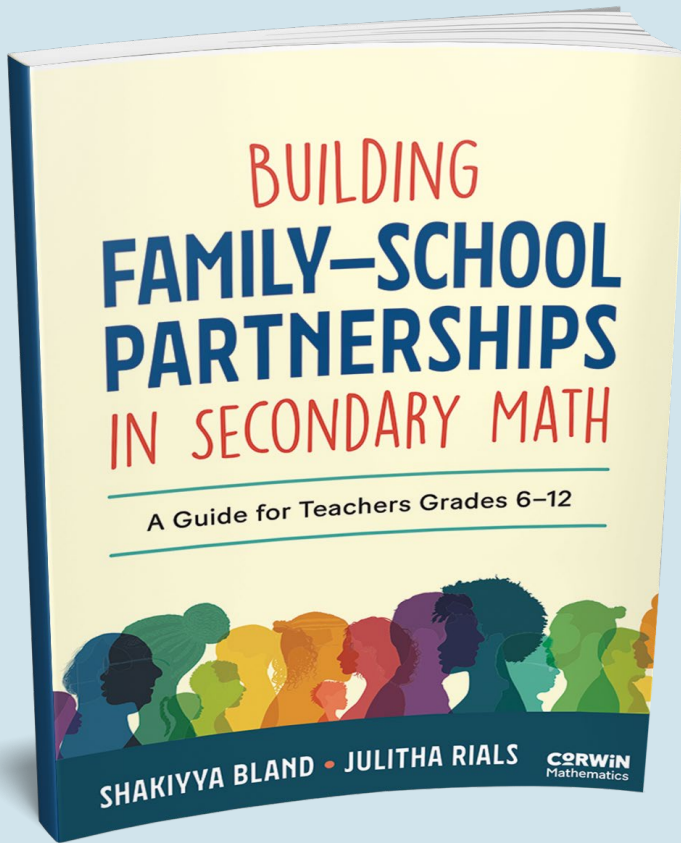
What are some of your key takeaways?



LRM Foundation at the Juneteenth Rooted in Culture event!



Honoring Henrietta Lacks - DNA & Cancer Research Activity
Partnership with The University of Kansas Health System!



Every small shift can profoundly change how a student sees themselves as a mathematician.

LRM Foundation website

<https://lrmlawrence.com/education/>

Contact us on LinkedIn

Building Family-School Partnerships in Secondary Math
Dr. Shakiyya Bland and Dr. Julitha Rials



contact us

ohiosfec@osu.edu

LinkedIn | ohiofamiliesengage.osu.edu



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