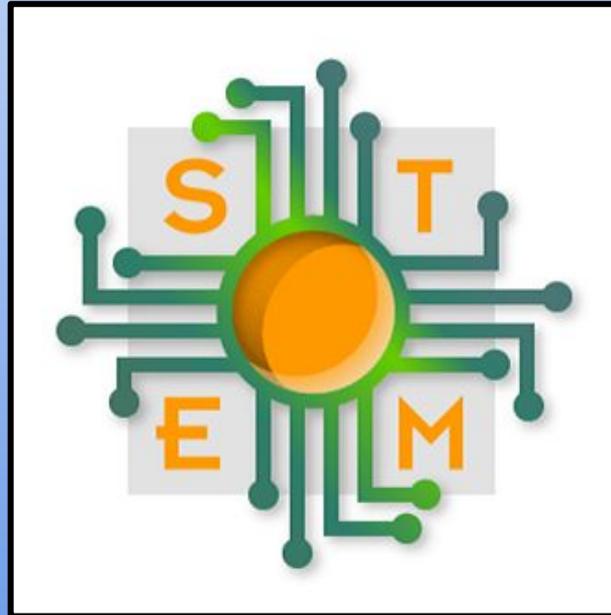
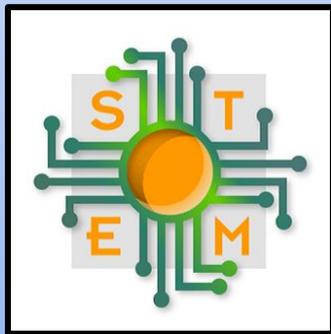


LESC Committee Presentation JULY 24, 2024

Welcome Mr. Chairman and Committee Members



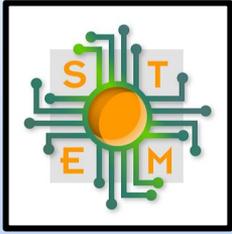
New Mexico Partnership for Math & Science (NMPMSE)



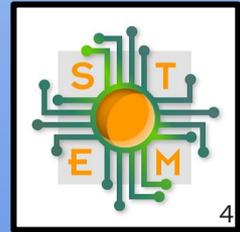
- Patricia Carden, Co-chair, NMPMSE, MC2
- Zachary Leonard, Board Member, NMPMSE, LANL-MSA

NMPMSE believes in opportunities to improve math teaching and learning in New Mexico so that all New Mexicans see themselves as “Math People.”





How could NM create structures within educational systems to support high quality job-embedded ongoing professional learning?



Why are these structures important?



What do these structures look like?



The voices in shaping the NMPMSE Recommendations:

- NMPMSE
 - Board
 - Members
- LESC
- Focus Groups
 - Teachers
 - Instructional Coaches
 - Professional Learning Groups
 - HED Members
- Superintendents
 - CES



Math Policy & Program Recommendations in 3 Areas

Preservice



In-service Math Professional Learning and Continuous Improvement



Leadership



Preservice

Rec#1: Require **three hours of math methods** for traditional (3 hours already required) *and* alternative licensure teachers (not currently required) aligned to state and national standards for teaching mathematics.

Rec#2: Provide collaborative high quality professional learning opportunities for cooperating teachers (who work with pre-service teachers), mentor teachers (who work with beginning teachers), and pre-service education faculty (who work with pre-service and in-service teachers) aligned to ***NCTM's Effective Mathematics Teaching Practices.***

In-service Math Professional Learning and Continuous Improvement

Rec#1: Require high quality on-going job-embedded math professional learning for Level 1, 2, and 3 licensure holders every 5 years aligned to National Standards of Practice (NCTM).

Rec#2: Create structures within schools to support high quality job-embedded ongoing professional learning for all PreK-12 teachers aligned to National Standards of Practice (NCTM).

Rec#3: Ensure every school has a **Math Specialist** to support implementation of the professional learning.

Leadership

Rec#1: Support leadership to create structures within schools to ensure high quality job-embedded ongoing professional learning for all PreK-12 teachers aligned to National Standards of Practice (NCTM).

Rec#2: Modify the teacher and principal evaluation system to include *NCTM's Effective Mathematics Teaching Practices*.

Rec#3: Establish collaboration between the principal licensure providers to ensure consistency in leadership development.

What is the impact of high quality job embedded ongoing professional learning?



Voices from teachers and leaders

What is the impact of high quality job embedded ongoing professional learning? **Use If Video doesn't play**

Lynda Spencer, Principal, Blanco Elementary School, Bloomfield Public Schools

Arturo Lujan, Instructional Coach, Santa Fe Public Schools

Q and A



Mathematics education can be joyful!

**Thank you Mr. Chairman and Committee
Members for your time and passion for NM
education**

