



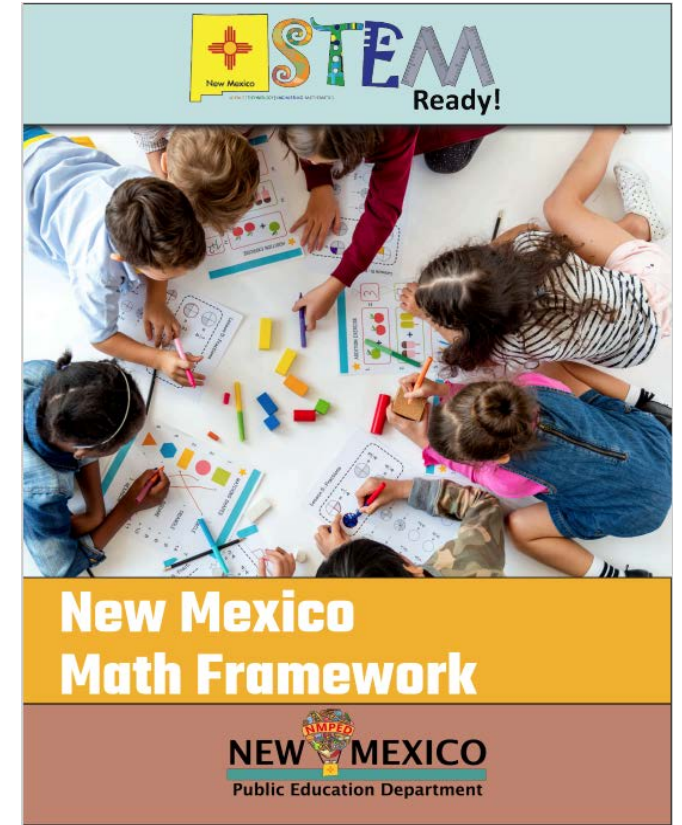
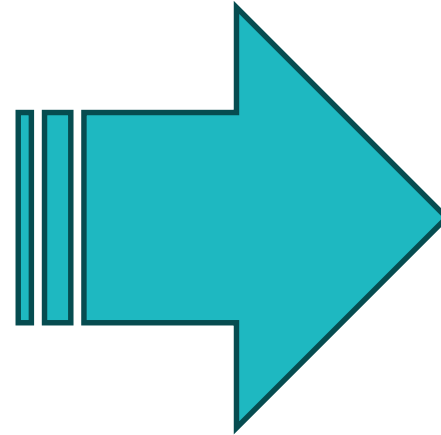
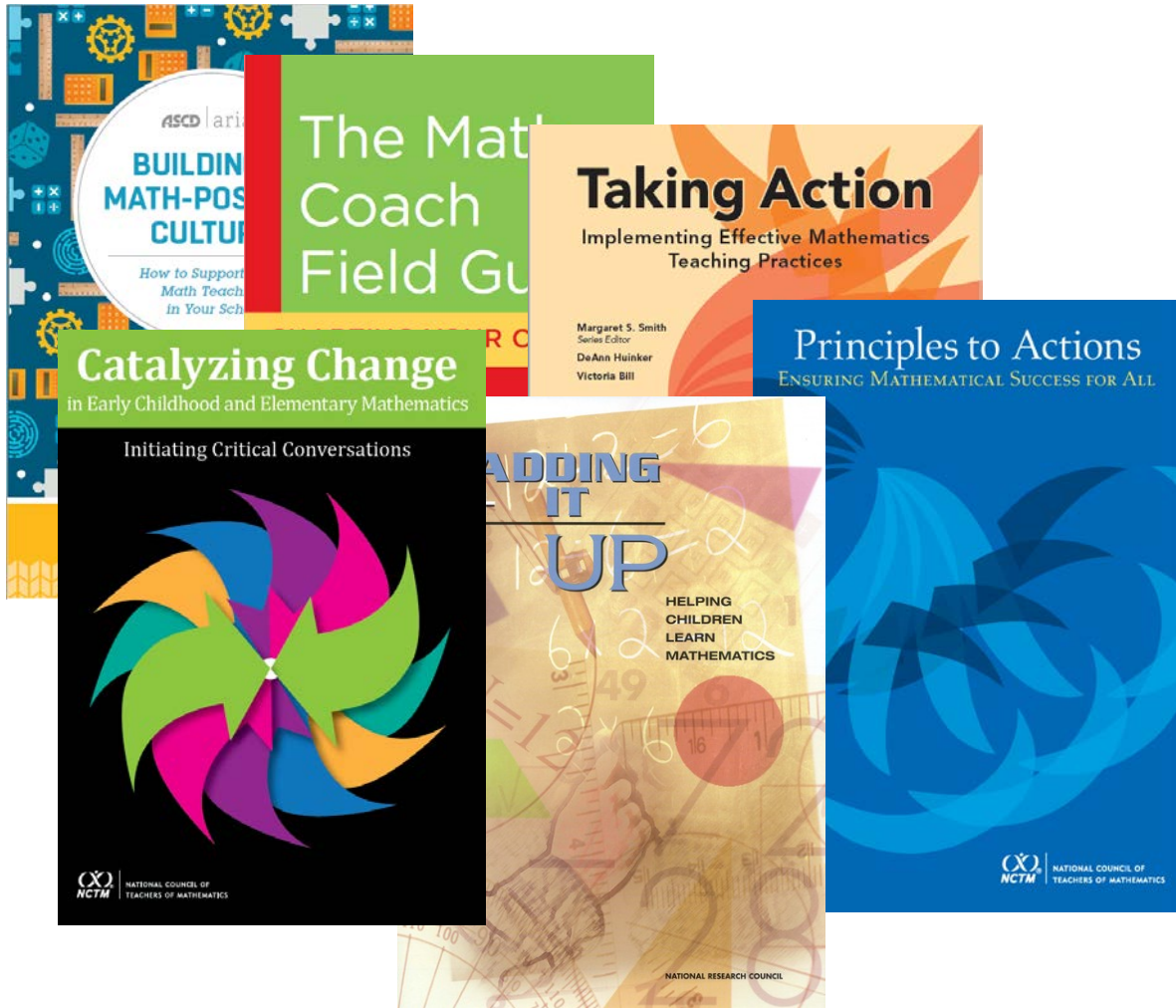
# Overview

---

## Topics

1. Setting the Stage
2. Fostering Success in Elementary Math
3. Current State of Math
4. Future Goals
5. Policy Needs
6. Question and Answer

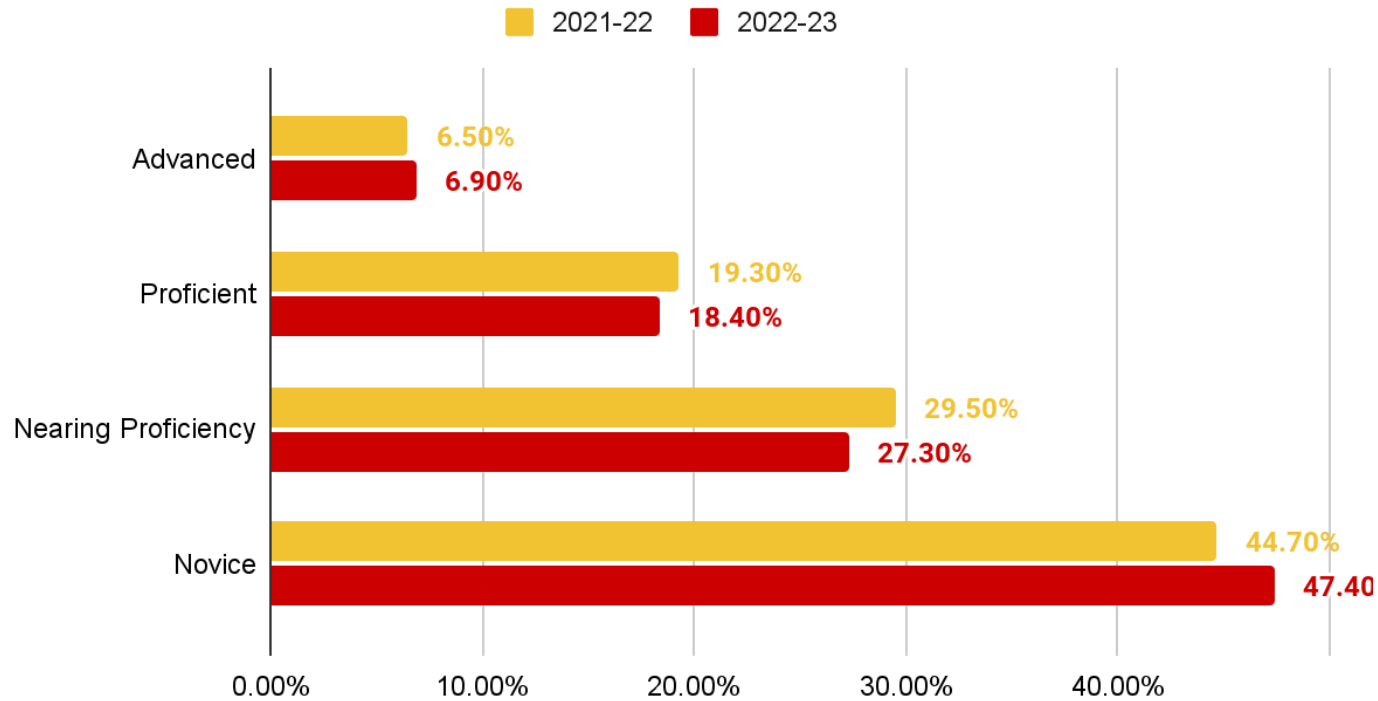
# Setting the Stage



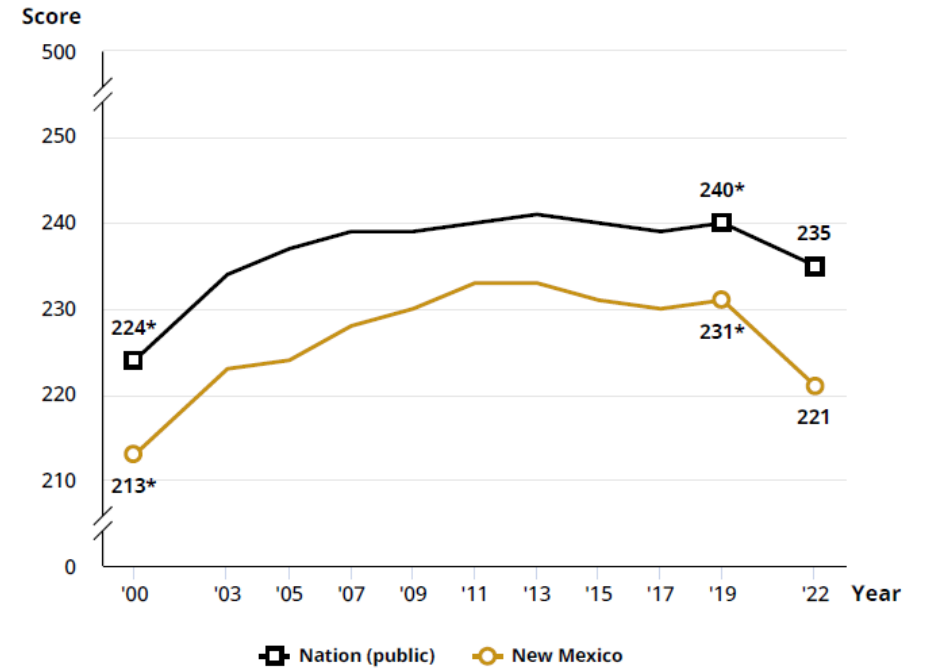
Investing for tomorrow, delivering today.

# Setting the Stage

## MSSA Math Performance by Year



## AVERAGE SCORES FOR STATE/JURISDICTION AND THE NATION (PUBLIC)

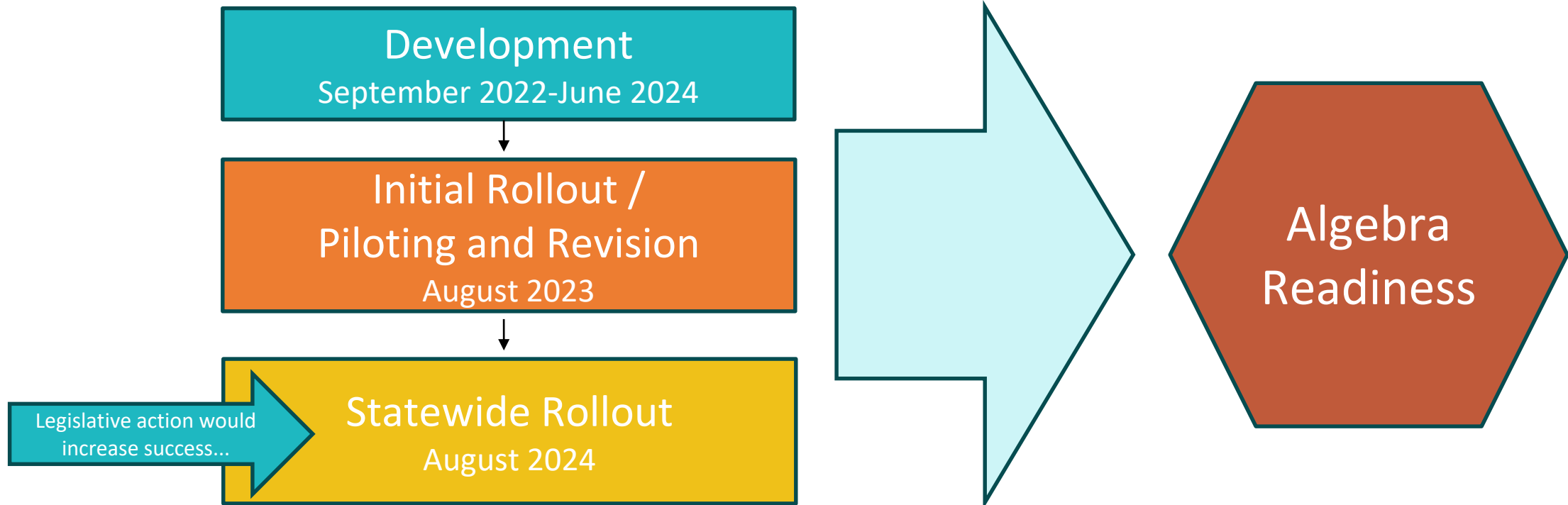


\* Significantly different ( $p < .05$ ) from 2022. Significance tests were performed using unrounded numbers.

# Current State of Elementary Math

## Math Micro-Credentials

### Timeline



# Current State of Elementary Math

## Math Foundations

- Developed in partnership with Charles A. Dana Center
- Strengthen teaching and learning of mathematics in Grades K-5
  - Number sense
  - Mathematical strategies
  - Importance in K-5 learning trajectory



# Current State of Elementary Math

Since FY21,  
engaged 98  
educators  
from 14  
districts/  
charters

85% of  
participants  
saw growth  
and increased  
confidence in  
topics  
addressed



*“Having teachers solve problems with fractions using various strategies and models including the paper folding, number line, and area models. This gave me a more firm understanding of the overall concept and more confidence in teaching fractions.”*

# Current State of Elementary Math

## Fostering Positive Math Identities

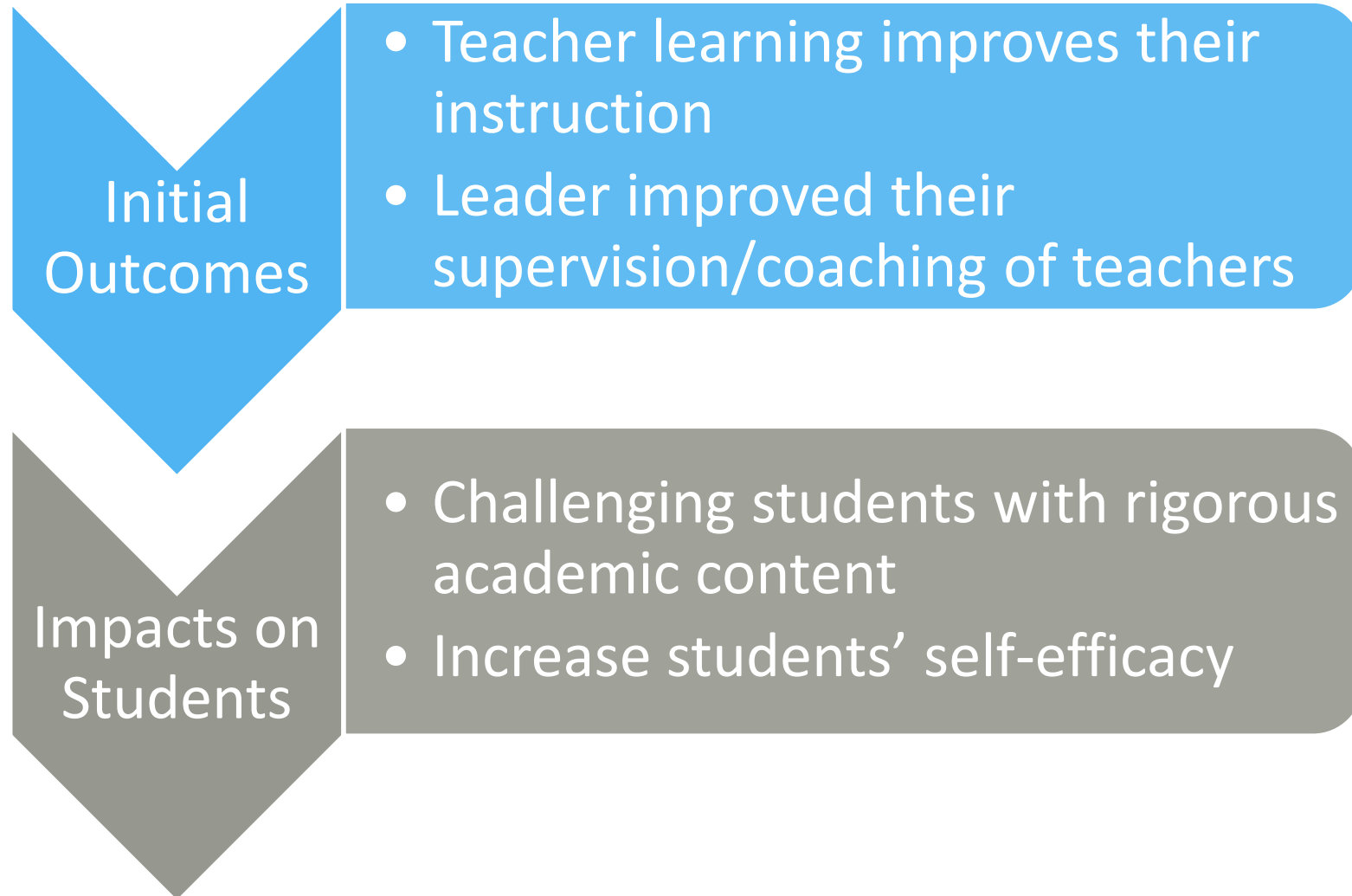
- Engaging in team learning on equitable math instructional strategies
  - Since FY22: 42 math educators engaged from 12 districts/charters
  - FY24: Consisting of 26 5-9 math educators from 7 districts/charters

## Math Curriculum Coaching

- Intensive support around math instructional practices
- Tied to high-quality materials
  - FY24: 25 educators from two schools



# Current State of Elementary Math



# Future Goals

Building Capacity in Schools

Stakeholder Engagement

Data Collection

# Potential Resource or Policy Needs

## Continued, collaborative conversations with LESC staff:

- Continued learning and engagement in all initiatives/conversations
- Legislative lever for math professional learning (PL)
- Funding for PL in mathematics
- Recurring funding to continue supporting the content area of math and STEM

# Questions

