

New Math Programming Update

October 25, 2024



Math Programming Roll-Out

Summer Committee

Deep Dive into resources and reflected on training and pilot experience

Year 1 Implementation Expectations - implementation with fidelity

- [i-Ready Math](#)
- [Illustrative Math](#)

2024-25 Pacing Guidelines

Unpacking a Unit planning process

- [i-Ready Math](#)
- [Illustrative Math](#)

Communication and Professional Learning focus

Emphasis on Implementation with Integrity

- Responsiveness
- Implementing new resources with fidelity

New Math Implementation

Professional Development

District Wide Trainings

- Summer Training - July/August
- Fall Training - October
- Leading New Math Implementation training for Admin - October/November

Areas of Emphasis

- Program resources overview
- Math Discourse Routines
- Data to drive instruction - Prerequisite supports and/or extensions
 - Math Diagnostic
 - Check for Readiness
 - Comprehension Checks
 - Cool Downs
 - Unit assessments
- Individualized Learning Path - My Path (i-Ready K-5)
- Inquiry Based: You Do → We Do → I Do
- In-Depth Problem Solving Lesson Structure
 - Explore, Develop, Refine (i-Ready) & Launch, Activities, Synthesis (Illustrative Math)

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Professional Development

Collaborative Math planning - Unpacking a Math Unit

SLOP practices within math instruction

Learning Walks

Winter and Spring Training - January and March

- Customizable support; coaching supports for both programs
- Based on staff feedback and Learning Walks
- Reinforcement of learning in August and October
- Small group instruction / differentiated supports
- Leading the New Math Implementation training for Admin

Winter data analysis - MAP and Diagnostic (*i-Ready Math*)

New Math Implementation

Staff Feedback - Fall

Changes we are seeing!

- Math discourse increasing
- Reluctant speakers contributing more
- Resources are plentiful - manipulatives, digital, centers, assessments, games prerequisite and enrichment teaching supports
- Common math language
- Vertical coherence
- Depth over breadth - increased rigor
- Engaging Features - My Path; Math games; Fluency Flight (i-Ready Math)
- Assessment features: Check for Readiness, Diagnostic, Cool Downs, Comprehension Checks

Areas of ongoing practice!

- Pacing and timing - adhering to pacing of units and day to day lessons
- You Do → We Do → I Do
- Flipping emphasis to more student talk and less teacher talk
- Teacher as facilitator of learning
- Small group structures to best support diverse needs
- Becoming more familiar with all the data and its uses to drive instruction
- Continued planning time - familiarize with all resources, plan with colleagues,