

2026-2027 MATHEMATICS PATHWAYS

Statewide sessions are held virtually via zoom. Ongoing coaching and support throughout the school year from your service cooperative's Regional Math Lead or Coach is available with registration. Click the links below or scan the QR code to register.

CREATING THE VISION: FOUNDATIONS OF MATHEMATICS TEACHING & LEARNING

This professional learning experience supports leadership teams in developing a shared mathematics vision aligned to the 2022 Minnesota Mathematics Standards. Participants will build a common understanding of mathematical rigor, examine the instructional shifts in the standards, and explore the role of the Mathematical Practices in supporting student sensemaking. Using this learning, teams will write or refine a mathematics vision statement with aligned support provided to help teams finalize and strengthen their work. The learning in this pathway is highly beneficial for leaders to engage in as it lays a solid foundation for application of learning in other math pathways.

**Note* This pathway is a pre-requisite for other math pathways.*

Choose one of the following options:

- [June 24, 2026: 9am-2pm](#)
- [August 19, 2026: 9am-2pm](#)
- [September 23 & 24, 2026: 9am-11am](#)
- [January 13, 20 & 27, 2027: 9:30am-11am](#)

UNPACKING THE 2022 MATH STANDARDS

This professional learning experience is designed to support educators and instructional leaders in building a shared understanding of the 2022 Minnesota K–12 Mathematics Standards. Participants will engage with benchmark unpacking tools, resources, and a structured protocol for unpacking the 2022 mathematics benchmarks. By the end of the pathway, participants will develop an actionable plan for unpacking and implementing the standards at their own site.

**Note* Creating the Vision Pathway is a pre-requisite for this pathway.*

Choose one of the following options:

- [August 4, 9:00am-3:00pm](#) **In-person at Lakes Country**
- [August 12 & 13, 2026: 1pm-2:30pm](#)
- [January 14 & 28, 2027: 9:30am-11:00am](#)

IMPLEMENTING THE MATH TEACHING PRACTICES

These professional learning experiences are designed for district, school, and math teacher leaders. Participants will get an overview of the teaching practice along with tools for implementation. Additionally, connections will be made from the teaching practice to the student math practices in the 2022 Math Standards.

**Note* It is recommended to register for no more than 2 teaching practice pathways per school year*

**Note* Creating the Vision Pathway is a pre-requisite for these pathways*

ESTABLISH MATHEMATICS GOALS TO FOCUS LEARNING

This practice involves setting clear goals for the mathematics that students are learning, situating goals within learning progressions, and using the goals to guide instructional decisions. Participants will have an opportunity to reflect on their district's current implementation of this teaching practice and how to further develop teacher knowledge and capacity. Through utilizing the Establish Math Goals Practice Guide, we will explore tools and resources to help monitor implementation of this practice.

**Note* Creating the Vision Pathway is a pre-requisite for this pathway.*

Choose one of the following options:

- [October 7, 21, & November 4, 2026: 1pm-2:30pm](#)
- [February 3, 17, & March 3, 2027: 1pm-2:30pm](#)

TASKS TO PROMOTE REASONING & PROBLEM SOLVING

This practice involves selecting and executing high-level tasks that engage students in thinking deeply, making connections, and exploring multiple solution strategies that allow multiple entry points. Participants will have an opportunity to reflect on their district's current implementation of this teaching practice and how to further develop teacher knowledge and capacity. Through utilizing the Implementing Tasks Practice Guide, we will explore tools and resources to help monitor implementation of this practice.

**Note* Creating the Vision Pathway is a pre-requisite for this pathway.*

Choose one of the following options:

- [October 7, 21, & November 4, 2026: 1:30pm-3pm](#)
- [February 3, 17, & March 3, 2027: 1:30pm-3pm](#)



USE & CONNECT MATHEMATICAL REPRESENTATIONS	FACILITATE MEANINGFUL MATHEMATICAL DISCOURSE
This practice emphasizes providing opportunities for students to use visual, symbolic, contextual, and verbal representations and to make meaningful connections among them. Participants will have an opportunity to reflect on their district's current implementation of this teaching practice and how to further develop teacher knowledge and capacity. Through utilizing the Math Representations Practice Guide, we will explore tools and resources to help monitor implementation of this practice. <i>*Note* Creating the Vision Pathway is a pre-requisite for this pathway.</i> Choose <u>one</u> of the following options: 🔗 October 14, 28, & November 10, 2026: 9:30am-11am 🔗 February 10, 24, & March 10, 2027: 9:30am-11am	This practice requires the creation of structured opportunities for students to explain their thinking, listen to others, and engage in reasoning-focused discussions. Participants will have an opportunity to reflect on their district's current implementation of this teaching practice and how to further develop teacher knowledge and capacity. Through utilizing the Facilitate Meaningful Math Discourse Practice Guide, we will explore tools and resources to help monitor implementation of this practice. <i>*Note* Creating the Vision Pathway is a pre-requisite for this pathway.</i> Choose <u>one</u> of the following options: 🔗 October 14, 28, & November 10, 2026: 1:30pm-3pm 🔗 February 10, 24, & March 10, 2027: 1:30pm-3pm
POSE PURPOSEFUL QUESTIONS	BUILD PROCEDURAL FLUENCY FROM CONCEPTUAL UNDERSTANDING
This practice involves asking questions that uncover student thinking, press for reasoning, and move learning forward rather than simply checking for correct answers. Participants will have an opportunity to reflect on their district's current implementation of this teaching practice and how to further develop teacher knowledge and capacity. Through utilizing the Pose Purposeful Questions Practice Guide, we will explore tools and resources to help monitor implementation of this practice. <i>*Note* Creating the Vision Pathway is a pre-requisite for this pathway.</i> Choose <u>one</u> of the following options: 🔗 October 8, 22, & November 5, 2026: 9:30am-11am 🔗 February 4, 18, & March 4, 2027: 9:30am-11am	This practice focuses on building fluency with procedures that are grounded in conceptual understanding so that students, over time, become skillful in using procedures flexibly as they solve problems. Participants will have an opportunity to reflect on their district's current implementation of this teaching practice and how to further develop teacher knowledge and capacity. Through utilizing the Procedural Fluency from Conceptual Understanding Practice Guide, we will explore tools and resources to help monitor implementation of this practice. <i>*Note* Creating the Vision Pathway is a pre-requisite for this pathway.</i> Choose <u>one</u> of the following options: 🔗 October 8, 22, & November 5, 2026: 1:30pm-3pm 🔗 February 4, 18, & March 4, 2027: 1:30pm-3pm
SUPPORT PRODUCTIVE STRUGGLE	ELICIT & USE EVIDENCE OF STUDENT THINKING
This practice encourages maintaining a high cognitive demand while providing appropriate scaffolds that help students persist through challenging tasks. Participants will have an opportunity to reflect on their district's current implementation of this teaching practice and how to further develop teacher knowledge and capacity. Through utilizing the Support Productive Struggle Practice Guide, we will explore tools and resources to help monitor implementation of this practice. <i>*Note* Creating the Vision Pathway is a pre-requisite for this pathway.</i> Choose <u>one</u> of the following options: 🔗 October 13, 29, & November 12, 2026: 9:30am-11am 🔗 February 11, 25, & March 11, 2027: 9:30am-11am	This practice ensures that evidence of student understanding is continuously gathered, interpreted, and responded to in order to inform instructional decisions. Participants will have an opportunity to reflect on their district's current implementation of this teaching practice and how to further develop teacher knowledge and capacity. Through utilizing the Elicit & Use Evidence of Student Thinking Practice Guide, we will explore tools and resources to help monitor implementation of this practice. <i>*Note* Creating the Vision Pathway is a pre-requisite for this pathway.</i> Choose <u>one</u> of the following options: 🔗 October 13, 29, & November 12, 2026: 1:30pm-3pm 🔗 February 11, 25, & March 11, 2027: 1:30pm-3pm