

THE 360 MONTHLY CONNECTION

JANUARY 2026 • ISSUE 1 • VOLUME 2

WHAT'S IN THE TOOLSHED?

We're highlighting two complementary resources from the [EdInstruments Math Instruction Collection](#) that help teachers focus on what students are thinking and doing in math classrooms.

- The [Teaching for a Robust Understanding \(TRU\) Mathematics](#) framework supports instructional reflection across five dimensions: cognitive demand, discourse, formative assessment, equitable access, and student agency.
- The [Task Analysis Tool](#) helps teachers examine whether classroom tasks truly invite reasoning and sense-making. Together, these tools offer a practical planning and reflection cycle: analyze the task, then refine instruction to ensure all students engage in meaningful mathematical thinking.



To utilize these tools effectively in practice consider:

- **Use the Task Analysis Tool when planning** to ensure at least one task per lesson requires explanation, justification, or connection-making.
- **Apply TRU talk moves and formative checks** during instruction to surface student thinking and adjust in real time.
- **Reflect with colleagues** on which students engage most deeply in tasks and how to increase access and agency for all learners.

These tools shift math instruction from procedural coverage to rigorous, equitable, student-centered learning—without adding more to teachers' plates.

AI-ASSISTED MATH COACHING

[M-Powering Teachers](#) is an AI-assisted coaching tool that uses machine learning to analyze classroom transcripts and provide feedback on core instructional practices, such as talk distribution, student reasoning, teacher questioning, and uptake of student ideas. By leveraging natural language processing, the tool surfaces patterns in classroom discourse that are often hard to see in real time, offering educators a consistent, evidence-based lens on instruction.

Over the last several months, Taryn has supported a research pilot using this tool, providing 1:1 coaching to math teachers using the tool in their own classrooms. In practice, coaching with M-Powering Teachers shifts conversations from intuition to insight. The AI highlights specific moments and trends, allowing coaching sessions to focus less on preparation and more on interpretation, reflection, and next steps. Teachers engage with concrete evidence from their own classrooms, and coaching becomes more targeted, efficient, and grounded in student voice and thinking.

Using AI as a way to make teacher coaching more efficient, targeted, and evidence-driven points to the ways we can leverage these tools to better support our educators, classrooms, and the students we serve.