

# Attention Elementary Teachers! Online Professional Development That Fits Your Schedule

## *Accountable Talk<sup>®</sup> Practices: Engaging Students in Mathematical Discourse*



### What should teachers expect?

Renowned math educators from The University of Pittsburgh's Institute for Learning (IFL) developed this innovative, online workshop to help teachers use *Accountable Talk* practices to improve their classroom pedagogy, increase their students' mathematical knowledge, and improve student engagement and achievement. Throughout this workshop, elementary mathematics teachers will:

- Participate in a six-week online workshop, collaborating with their peers in the development of a lesson plan to employ the evidence-based *Accountable Talk* practices that help teachers develop mathematical discussion;
- Explore the importance of engaging students in discussions that guide them to make sense of mathematical ideas and concepts; and
- Identify instructional moves for supporting students' discussions.

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*"For the first time, I've seen students explain the meaning of the factors in a multiplication equation. They could also tell me how  $4 \times 6$  was equivalent to  $4 \times (2 + 4)$ ."*

- Ms. Stanley, 3rd grade teacher

*"The videos of classroom discussions were invaluable in helping me know what the math discussions should look and sound like. Once I set up norms with the students and we created talk stems, students really had the language to start discussions."*

- Ms. Garcia, 5th grade teacher

### Value to Teachers

- Develop a vision for what a mathematics discussion should look and sound like.
- Learn features of classroom talk and the means of facilitating discussions.
- Learn how to press students for mathematical reasoning.
- Learn questioning strategies as a means of assessing and advancing student learning.
- Learn to set talk norms with students.
- Learn the benefit of making use of visual representations as a means of supporting classroom discussion.

### Course Content

Week 1	Talk: An Integral Part of Teaching
Week 2	The Task Matters & Multiple Representations
Week 3	Asking Assessing and Advancing Questions
Week 4	Peer Feedback and Work Week
Week 5	Accountable Talk Features and Indicators
Week 6	Accountable Talk Moves

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