

Foundations to Grades 3–5 Math

In this full-day, six-hour session, participants explore foundational learning from the primary grades related to place value, subtraction with regrouping, and the distributive property. By deepening their understanding of these foundations, educators in Grades 3 through 5 are empowered to close learning gaps more efficiently. The session invites participants to study one concept at a time, using a replicable cycle that connects new learning to the practicalities of classroom instruction.

The steps of the cycle are to

- understand foundational learning from the primary grades.
- assess related student work samples from Grades 3 through 5 that show learning gaps.
- use the standards and the curriculum to explore the parameters of the learning gaps.
- engineer teaching sequences to address the learning gaps.
- practice delivering the teaching sequences.

The rhythm of the session allows significant time for collaborative analysis of student work, studying the standards and curriculum, and practice developing and delivering responsive teaching sequences. To support participants in the various aspects of this work, the facilitator periodically delivers relevant fluency activities or models portions of foundational concept development. Doing so gives participants a glimpse into primary classrooms, allowing them to see more clearly how foundational work can be redelivered to support students in Grades 3 through 5, while overcoming learning gaps.