

Focus on Fluency: *A Story of Ratios*®

In this full-day, six-hour session, participants explore three cornerstone instructional tools: Sprints, Counting Exercises, and Whiteboard Exchanges (WBEs). Participants experience each tool from a student's point of view, spend time analyzing the tool's design, practice using the tool, and experiment with crafting their own problem sequences using WBEs. The session includes professional reading and plenty of discussion that invites participants to reflect on how best to leverage the power of these tools to increase students' fluency.

Participants can expect to deepen their understanding of

- effective delivery methods.
- the architecture and intentional sequencing of Sprints.
- sequencing problems from simple to complex.
- extending activities from earlier grades to meet the needs of middle school students.
- using personal whiteboards to monitor student progress and supply immediate feedback.
- differentiation techniques.

In addition to providing an analysis of and experience with three practical tools for building fluency, the session includes information that helps participants understand fluency in the context of the Common Core State Standards for Mathematics (CCSSM).

Participants can expect to deepen their understanding of

- fluency, as defined by the CCSSM key shifts and Progressions documents.
- required grade-level fluencies, as determined by the CCSSM.
- three ways of thinking about fluency activities to improve students' access to grade-level content.