

Preparation and Customization of a *Eureka Math* Lesson: *A Story of Ratios*[®] and *A Story of Functions*^{®1}

The purpose of this full-day, six-hour session is threefold: to empower teachers to discern the decisions inherent in each *Eureka Math*[™] lesson, to study the curriculum's teaching sequences, and to guide teachers in customizing lessons to meet the needs of their students.

The day begins as participants focus on a single Grade 7 lesson. Using this lesson, the facilitator guides participants through interactive modeling and practice, using *Eureka Math*'s replicable three-step process for preparing and customizing lessons. Participants investigate various module components to determine the lesson's role in the module's larger story. Then, they analyze the lesson's components to recognize the steps built into the teaching sequence. Practice with the process culminates as participants use information from their study to customize lesson components.

The afternoon is devoted to continued practice with the preparation and customization process. Guided by the facilitator, participants work collaboratively in grade-level groups and then independently to prepare and customize a lesson of their choice.

This session includes professional reading, opportunities for vertical collaboration, interactive demonstration, and plenty of discussion, through which participants come to recognize themselves as integral parts of each student's K–12 experience with mathematics.

Required Materials: For afternoon practice, participants must bring the module from which they are currently teaching or from which they will teach next.

¹ "Launch *Eureka Math*" is a prerequisite for this session.