

Preparation and Customization of a *Eureka Math* Module: *A Story of Ratios*®*

The purpose of this full-day, six-hour session is to carry forward the principles from “Preparation and Customization of a *Eureka Math* Lesson,” study the sequences of the curriculum, engage with the math, and consider student needs as you prepare to teach a module. Also, through study and analysis, participants will better understand the use of the distributive property to collect like terms and expand expressions in the context of solving equations across the grade band.

Participants begin the day concentrating on a single *Eureka Math*™ Grade 7 module, with the facilitator guiding them through interactive modeling and practice. Participants first complete and analyze the End-of-Module Assessment to identify mathematical complexities and common student misconceptions, focusing on the distributive property. The morning culminates with participants analyzing and creating pacing guides to adapt the curriculum to their specific school sites and needs.

The afternoon is devoted to grade-level module study and customization. Guided by the facilitator, participants work collaboratively to complete the End-of-Module Assessment in a module at their grade level, and they study where the module requires them to teach new solution strategies or address mathematical complexities. Participants will also identify key lessons in the module that will help them address potential learning gaps. The afternoon session closes with participants crafting and deliberately practicing a minilesson designed to address a learning gap.

This session includes professional reading, opportunities for mixed grade-level collaboration, interactive demonstration, and plenty of discussion.

Required materials: For afternoon practice, participants must bring a module they just began teaching or are about to teach.

* “Preparation and Customization of a *Eureka Math* Lesson: *A Story of Ratios*” is a prerequisite for this session.