



VIRTUAL PREPARATION AND CUSTOMIZATION OF A EUREKA MATH[®] LESSON: A STORY OF RATIOS[®] AND A STORY OF FUNCTIONS[®]

Session Objectives

Participants will understand

- how to successfully implement a *Eureka Math* lesson,
- how to study the teaching sequence of the curriculum while increasing the capacity for mathematics in general, and
- the process for customizing a *Eureka Math* lesson to meet students' needs.

TIME	AGENDA	DESCRIPTION
Zoom Session 1 2 hours	Discern the Plot Find the Ladder (Part I)	<p>During the first virtual PD session, participants will</p> <ul style="list-style-type: none"> • analyze the Contents, Module Overview, and Student Outcomes; • engage with the Topic Overview, Exit Tickets, and Mid-Module Assessment; and • examine the complexities embedded in a sample
Interim Work and Lunch Break 2 hours	Analyze Complexities Professional Reading	<p>To prepare for the second virtual PD Session, participants will</p> <ul style="list-style-type: none"> • complete the analysis of complexities for the sample <i>Eureka Math</i> lesson and • read and annotate “Preparing to Teach a Lesson: <i>A Story of Ratios</i> (6–8) and <i>A Story of Functions</i> (9–12).”
Zoom Session 2 2 hours	Find the Ladder (Part II) Hone the Lesson Crafting Complexities	<p>During the second virtual PD session, participants will</p> <ul style="list-style-type: none"> • learn how to make adjustments to a lesson by experiencing Must Do, Could Do, and Extension problems; • adjust, as needed, a sample <i>Eureka Math</i> lesson to meet the Student Objectives; and • craft complexities by using a sample <i>Eureka Math</i> lesson.

It is not recommended that this session be split over two days.