# Virtual Preparation and Customization of an Eureka Math® Lesson: A Story of Ratios® and A Story of Functions®

**Session Objectives**
Participants will understand
- how to successfully implement an *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 an *Eureka Math* lesson to meet students’ needs.

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| **Zoom Session 1** 2 hours | Discern the Plot  
Find the Ladder (Part I) | During the first virtual PD session, participants will
- 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 | To prepare for the second virtual PD Session, participants will
- complete the analysis of complexities for the sample *Eureka Math* lesson and
- read and annotate “Preparing to Teach a Lesson: A Story of Ratios (6–8) and A Story of Functions (9–12).” |
| **Zoom Session 2** 2 hours | Find the Ladder (Part II)  
Hone the Lesson  
Crafting Complexities | During the second virtual PD session, participants will
- learn how to make adjustments to a lesson by experiencing Must Do, Could Do, and Extension problems;
- adjust, as needed, a sample *Eureka Math* lesson to meet the Student Objectives; and
- craft complexities by using a sample *Eureka Math* lesson. |

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