

### PROFESSIONAL DEVELOPMENT

#### SESSION OVERVIEW

In this one-day session, participants study the content of a common module, topic, and lesson by using the recommended process of previewing the learning, investigating the development of learning, and exploring the assessment. Participants use the knowledge gained from their study to prepare a lesson for instruction. They explain how studying supports them in thinking about connections between content while planning so they can make those connections visible when teaching, helping students to access grade-level content by relating new learning to prior knowledge. Participants apply the process to study a module, topic, and lesson at their own grade level. Participants will leave this session having prepared and practiced a lesson they will teach.

#### SESSION OBJECTIVES

Participants will:

- Explain the importance of teaching math as a story.
- Describe how the structure of *Eureka Math*<sup>2</sup> modules, topics, and lessons facilitates teaching math as a story.
- Explain why studying curriculum materials is a critical part of planning and teaching.
- Describe how the components and design of *Eureka Math*<sup>2</sup> lessons support teachers in helping students to access, generate, discuss, and connect math ideas.

	AGENDA	DESCRIPTION
Part A	<b>Math Is a Story</b>	<ul style="list-style-type: none"> <li>• Experience math as a story.</li> <li>• Explain the importance of teaching math as a story.</li> </ul>
	<b>Study the What, Why, and How of <i>Eureka Math</i><sup>2</sup> Modules and Topics</b>	<ul style="list-style-type: none"> <li>• Study a module.</li> <li>• Study a topic.</li> <li>• Apply the study process to your own grade level module and topic.</li> </ul>
Part B	<b>Study the What, Why, and How of <i>Eureka Math</i><sup>2</sup> Lessons</b>	<ul style="list-style-type: none"> <li>• Study a lesson.</li> <li>• Prepare for instruction.</li> <li>• Apply the study and preparation processes to your own grade level lesson.</li> </ul>
	<b>Teach a <i>Eureka Math</i><sup>2</sup> Lesson</b>	<ul style="list-style-type: none"> <li>• Experience instruction of portions of a lesson.</li> <li>• Practice portions of your own grade level lesson.</li> </ul>