FOLLOW-UP TOPIC	ESSENTIAL QUESTION, COURSE DESCRIPTION, AND LEARNING OUTCOMES
Create an Effective Learning Environment	*How can I create an environment where my students are accountable for their learning and feel confident, safe and respected?* **Course Description:** Participants will evaluate and refine their learning environment to ensure students are accountable for their learning and feel confident safe and respected. **Learning Outcomes:** • Establish clear expectations that support the Helping Community for math instruction. • Identify student and teacher actions that support the Helping Community • Effectively engage Student Leaders during math instruction.
Make Math Accessible for all Learners Through Differentiation	*How can I make math accessible to each of my unique learners through the use of data and differentiation structures and resources?* *Course Description:* To ensure equity, participants will explore the powerful teaching support and differentiation options in *Into Math* to help all students access the mathematical content. *Learning Outcomes:* • Use strategies to support instruction before, during and after math to provide access to all learners. • Encourage the use of math tools, math drawings, math explaining, and sense-making as students move through the Inquiry Learning Path. • Plan instruction that explicitly addresses varying needs and supports for all learners (striving learners, learners with disabilities, English learners, advanced learners).
Create a Math Talk Community	*How can I create a community of students who use Math Talk to share and discuss mathematical ideas and strategies?* *Course Description:* Participants will understand and implement the Math Talk structures to create a community of students who confidently share and discuss mathematical ideas and strategies.

HMH

	Learning Outcomes: • Understand the Math Talk Structures. • Identify when and how to use Math Talk. • Practice and apply the Solve and Discuss structure.
Maximize Learning with Digital Resources	*How can I use digital resources to maximize retention of content through application of mathematics?* *Course Description:* Participants will identify and integrate digital resources to enhance learning. *Learning Outcomes:* • Understand current research around Blended Learning. • Explore *Math Expressions* digital resources to determine how they can support instruction. • Prepare lessons that meaningfully integrate digital resources.
Plan Effective Math Learning Experiences	*How can I apply the Five Core Structures and program resources to develop lesson plans?* *Course Description:* Participants will learn to plan effective, student-centered learning experiences that increase learner engagement throughout instruction. *Learning Outcomes:* • Understand each of the Five Core Structures and their impact on learning in the *Math Expressions* Classroom. • Practice and apply strategies to increase student engagement. • Structure instruction to support students as they move through the Inquiry Learning Path.
Build Fluency and Conceptual Understanding through Quick Practice Routines	*How do Quick Practice routines build fluency and conceptual understanding.* *Course Description:* To build fluency and conceptual understanding, participants will learn to effectively implement Quick Practice routines. *Learning Outcomes:* • Establish structures for Quick Practice in your classroom. • Effectively engage Student Leaders during Quick Practice. • Explore the progression of learning in the Quick Practice routines.

Teach the Language of Mathematics to Support English Learners	*How can I support my English Learners with language development?*
	Course Description: Participants will learn strategies to promote the use and development of math language for all learners, especially English Learners. ***Learning Outcomes:*** • Understand the stages of English language development. • Explore *Math Expressions* resources that support language development at each stage.

A division of **Houghton Mifflin Harcourt**

HMH