

FOLLOW-UP TOPIC	ESSENTIAL QUESTION, COURSE DESCRIPTION, AND LEARNING OUTCOMES
<p>Create an Effective Learning Environment</p>	<p><i>How can I create an environment where my students are accountable for their learning and feel confident, safe and respected?</i></p> <p>Course Description: Participants will evaluate and refine their learning environment to ensure students are accountable for their learning and feel confident safe and respected.</p> <p>Learning Outcomes:</p> <ul style="list-style-type: none"> • 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.
<p>Make Math Accessible for all Learners Through Differentiation</p>	<p><i>How can I make math accessible to each of my unique learners through the use of data and differentiation structures and resources?</i></p> <p>Course Description: To ensure equity, participants will explore the powerful teaching support and differentiation options in <i>Into Math</i> to help all students access the mathematical content.</p> <p>Learning Outcomes:</p> <ul style="list-style-type: none"> • 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)
<p>Create a Math Talk Community</p>	<p><i>How can I create a community of students who use Math Talk to share and discuss mathematical ideas and strategies?</i></p> <p>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.</p> <p>Learning Outcomes:</p> <ul style="list-style-type: none"> • Understand the Math Talk Structures. • Identify when and how to use Math Talk. • Practice and apply the Solve and Discuss structure.
<p>Maximize Learning with Digital Resources</p>	<p><i>How can I use digital resources to maximize retention of content through application of mathematics?</i></p>

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.