ICMEE eWorkshop

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Math Geometric Measurement (Grades 2-3)

Essential Question: How can I support multilingual students in learning the mathematical language and concepts of geometric measurement?

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Guiding Questions:

- Unit 1: What do I need to know about geometric measurement as described in the Common Core State
- Standards to be an effective teacher of multilingual students? What do my students know about geometric measurement?
- Unit 2: What do my multilingual students already know about the everyday use of geometric measurement?
- Unit 3: What is the language of geometric measurement that 3rd multilingual students need to know?
- Unit 4: What strategies can I use to assess what my multilingual students know about geometric measurement?
- Unit 5: What do I need to do to improve my practice of teaching geometric measurement to multilingual
- learners?
- Unit 6: Answer the Essential Question.

What is an eWorkshop?

Our eWorkshops are innovative online multi-media resources available free of cost to professional learning communities of educators who wish to collaboratively inquire into and improve their practice with bi/multilingual learners.

eWorkshops are inquiry oriented and are guided by an essential question and a guiding question for each of the six units in an eWorkshop. Each unit follows the same three-part learning cycle that we call *Explore, Make-It-Work*, and *Share*. In *Explore* participants spend 30-60 minutes exploring new ideas, content, concepts or perspectives. In *Make-It-Work*, participants are offered a minimum of two designed and completely supported options of how to make the new learning from *Explore* work in an actual classroom context. *Make-It-Work* takes around one hour of a participant's time and always has a "You Make-It-Work" option, which gives participants the flexibility to design their own approach or tweak one of the options we offered. Finally, participants *Share* their learning either in our online space (a threaded discussion) or Face-toFace. Share usually takes 30-60 minutes of a participant's time meaning that completing the three-part learning cycle of each unit takes about three hours. eWorkshop participants who complete all six units can receive a certificate of completion as well as use their work towards a course that will earn them one graduate level credit at the University of Nebraska Lincoln. To learn more about our eWorkshops, please visit: https://cehs.unl.edu/icmee/

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