



WARNER
SCHOOL OF EDUCATION
UNIVERSITY of ROCHESTER

**October 24 &
November 14, 2017**

Time:
8:00AM-3:30PM
15 Professional Learning
Hours (includes outside assign-
ments)

Location:
Monroe 2-Orleans
BOCES
ESC building
3599 Big Ridge Rd
Spencerport NY 14559

Fee:
\$250.00/person

Register Now Through
[MyLearningPlan](#)

For registration questions, contact
Monroe 2-Orleans BOCES at
(585) 352-2704

Supporting ALL Learners in the Mathematics: A Focus on Developing Problem Solving, Reasoning and Language in the Elementary Classroom

Facilitators: Karen Wolgast, Kristen Wright, and Alicia VanBorssum

Intended audience: K-5 Math and ESOL Teachers and Paraprofessionals

How do you support ALL students to become mathematical thinkers?
How do you support language development in the mathematics classroom?

High quality mathematics instruction requires students to engage in cognitively demanding tasks that provide opportunities for them to be problem solvers who can clearly communicate their thinking to others. In the Blueprint for ELL Success, New York State's education department has stated that "ALL TEACHERS ARE TEACHERS OF ELLS" and that administrators, policymakers, and practitioners must prepare ELLs for academic success as their civil right.

Taught by a team of math and ESOL educators, this institute will examine how to support learners with diverse language needs to reason with number and operations across the elementary grades. Participants will engage in math experiences as learners to deepen their own understanding of concepts and proficiency reflected in the current NYS standards for mathematics. Through video clips, written cases, and professional readings, participants will develop images of what it means to cultivate and maintain high quality mathematics instruction for all learners and support language development using mathematical concepts.

[This institute was developed by the Center for Professional Development and Education Reform at the University of Rochester and was funded by Collaboration for English Language Learner Success (CELLS) project through a grant from the US Department of Education.]