



## Improving Mathematics Instruction for Students Who Struggle: Multi-Tiered Systems of Support, Grades 1-5

<b>Facilitator(s):</b>	Karen Karp
<b>Date:</b>	February 13, 2019
<b>Time:</b>	9:00 am – 3:30 pm
<b>Cost:</b>	\$150.00  (includes lunch, which is not prepared in a nut/gluten-free environment)
<b>Location:</b>	Edmonton (Fantasyland Hotel) 17700 - 87 Avenue
<b>Session Code:</b>	19-MA-008



### Target Audience

Grades 1-5 Teachers, Math Consultants

### Also Recommended For

Instructional Coaches, Learning Coaches, Inclusive Learning Teachers

### About this Learning Opportunity

This all-day institute focuses on adapting classroom instruction for a diverse group of learners in grades 1-5 who struggle with mathematics.

Using evidence-based strategies such as concrete/semi-concrete/abstract (CSA), you will learn how to help your students develop a balanced understanding of mathematics concepts and skills that focus on number and operations and algebraic thinking.

You will also experience classroom-tested tasks that create robust learning and avoid the “teaching as telling” approach. An emphasis will be on building from students’ strengths and avoiding “rules that expire.”

**Watch Karen in action - Keynote: What to Teach in Mathematics Intervention**

*This session addresses the TQS competency #4: Establishing Inclusive Learning Environments*

*This learning opportunity is being provided through funding from Alberta Education.*

### About the Facilitator(s)

**Dr. Karen Karp** is a Professor at Johns Hopkins University’s School of Education. For twenty-one years, she was a mathematics teacher educator at the University of Louisville in Kentucky, where she is now professor emeritus. She is a former member of the NCTM Board of Directors and a former president of the Association of Mathematics Teacher Educators. In addition to Karen’s background as a certified secondary mathematics teacher and elementary school teacher, she is a certified special education teacher. She continues to work in classrooms to support teachers of students with disabilities in their mathematics instruction. Karen is the author of more than 25 books including *Elementary and Middle School Mathematics: Teaching Developmentally* (with Van de Walle and Bay Williams); *Essential Understanding of Addition and Subtraction in Practice - Pre-K-Grade 2* (with Caldwell and Kobett) and numerous book chapters and articles. Her three articles on “Rules that Expire” (co-authored with Bush and Dougherty) have appeared in each of the NCTM journals for teachers.