

Grade 4-6: Math Strategies for Addition and Subtraction with Whole and Decimal numbers

Facilitator(s):	Ulana Soletsky
Date:	November 13, 2023
Time:	3:45 pm – 5:15 pm
Cost:	
Location:	Virtual
Type:	Webinar
Session Code:	24-PCW-556

Target Audience

Gr 4-6 Teachers

About this Learning Opportunity

A strong understanding of place value helps us think of numbers in different ways and this is helpful when operating and computing with numbers. There is some math that we do not want our students to resort to algorithms. We want them to think about the numbers and have confidence in mental math using easy and fun strategies. Students should be supported in developing a rich, meaningful understanding of how the operations work in order to support their skills in working flexibly with numbers. We need to provide them with opportunities to compare strategies and contexts, exploring situations when particular strategies are efficient and when they are not as efficient. Join Ulana as she provides you with many useful teaching strategies you can use with your students to build flexible additive thinking with larger whole and decimal numbers. We will explore conceptual and algorithmic models of whole number and decimal addition and subtraction.

Let's Strengthen Teaching and Learning Together.

About the Facilitator(s)

Ulana Soletsky

Ulana Soletsky has been facilitating professional learning sessions in mathematics and numeracy for the Edmonton office of the Consortium since 2006. Prior to this, she dedicated 26 years to teaching mathematics at the Junior High level before transitioning to roles as a math and numeracy consultant for Greater St. Albert Catholic Schools and ERLC. An educator since 1979, Ulana has engaged with students from Kindergarten through grade 9 and has also acted as a First Steps in Math Facilitator for Pearson Publishers, concentrating on the Number, Operation Sense, and Measurement strands. Additionally, she has collaborated with Pearson Publishers to provide professional development for the new math resource "Mathology" and the "Math Progressions K-9," of which she was an active reviewer during its development. Currently, Ulana is involved in overseeing the creation of the Math Assessment for grades 1 to 9 in partnership with Elk Island Catholic Schools. As a math educator, her objective has always been to ensure that all students comprehend and value the mathematics they study; that they can read, write, explore, and communicate mathematical concepts with assurance; and that they can apply mathematics in their daily lives. Her primary focus lies in supporting the new curriculum, planning for staff development, and enhancing school improvement initiatives. She advocates for a cooperative, student-centered classroom as the most effective environment for learning.