

Providing Support and Supervision in the Mathematics Classroom



PRESENTED BY

Jackie Ratkovic & Ulana Solesky



SERIES SESSIONS

Date	Time
January 21, 2022	9:30 AM - 10:30 AM
February 25, 2022	9:30 AM - 10:30 AM
March 25, 2022	9:30 AM - 10:30 AM
April 22, 2022	9:30 AM - 10:30 AM



LOCATION

Virtual - Online

FEE

\$40.00

QUESTIONS?

Contact Us:

nrlc@arpc.ab.ca

[780-882-7988](tel:780-882-7988)

REGISTER ONLINE

Visit our website to register:

nrlc.net

Program

We asked administrators in Alberta what skills, understandings & knowledge they would like to add to their toolkit as they observe, supervise and support math teachers in their schools. From their feedback we designed this professional growth series.

TQS 3 states: A teacher applies a current and comprehensive repertoire of effective planning, instruction and assessment practices to meet the learning needs of every student, including, 'ensure that all students continuously develop skills in literacy and numeracy' .

Therefore the number one concern for administrators responding to this statement were: What do I need to know to recognize planning, instruction and assessment practices that reflect current and comprehensive knowledge of effective practices in the math classroom?

A key but the sole focus in this series will be developing your knowledge and understanding of the role number sense & number concepts plays in student's ability to recall and apply "basic facts. The basic fact that all math teachers must come to master is that number properties and relationships are the missing link that bridges the numeracy gap.

During the sessions we will **consider** how topics connect across the grades:

Number Concepts: including whole number, place value, fractions, decimals, percent, integers, ratios, square root, exponents

Building Number Sense to be successful with Multiplication and Division

Building Number Sense to be successful with Addition and Subtraction

Equations, Inequalities and Expressions: including Equality and inequality, One-step and two-step linear equations, difference between expression and equation, Polynomials

Presenters

Jackie Ratkovic

Making sense of the use and abuse of concrete materials, understanding the importance of visual, spatial reasoning for the development of number sense, problem solving skills, and learning to ask good questions are four areas that greatly intrigue Jackie. Jackie currently works as an independent consultant and instructional coach to teams of teachers and staff, over the past 18 years, in a number of districts across the province. Her work is focused on unpacking the Alberta Program of Study in ways that honor and value its intent of a student centered approach to learning, which allows each student to become capable and responsible for their own learning.

Ulana Solesky

Ulana Solesky is a designer of professional learning mathematics and numeracy for ARPDC since 2006. She taught math in Junior High for 26 years before assuming roles of math and numeracy consultant for Greater St. Albert Catholic Schools and ERLC. An educator since 1979, Ulana has worked with students from Kindergarten through grade 9 and also served as a First Steps in Math Facilitator for Pearson Publishers focusing on the Number, Operation Sense and Measurement strands. She has also been working with Pearson Publishers offering professional development with the new math resource "Mathology" and the "Math Progressions K-9" which she was an active reviewer of during the resource production. Ulana's latest project has seen her busy working with and overseeing the development of the Math Assessment Gr 1 to Grade 7 with Elk Island Catholic Schools. As a math teacher, Ulana's goal was that all students understand and appreciate the mathematics they were studying; that they could read it, write it, explore it, and communicate it with confidence; and that they would be able to use mathematics as they need to in their lives. Her focus is primarily around new curriculum support as well as planning for staff development and school improvement. She believes that learning happens most effectively in a cooperative, student-centered classroom.

Registration Notes

You can either sign up for one session or all four sessions in the series. If registering for all events within this series, a discounted price of \$40.00 will be offered. To register for all four, just click register on each session.