

# Providing Support and Supervision in the Mathematics Classroom

Presented By: Geri Lorway, Thinking 101 & Jackie Ratkovic, Jackie Ratkovic & Geri Lorway, Thinking 101

**Registration Fee:**

\$40.00

**Registration Deadline:**

April 22, 2022

**Course Code:****Grade Level:**

K-12/Tous niveaux Maternelle à 12

**Audience:**

Administrator/Administration, Curriculum Leaders/Leadeur de programme, Learning Coaches/Accompagnateur pédagogique, Teachers/Enseignant

**Date(s):**

Friday, January 21, 2022

9:30 AM - 10:30 AM

Friday, February 25, 2022

9:30 AM - 10:30 AM

Friday, March 25, 2022

9:30 AM - 10:30 AM

Friday, April 22, 2022

9:30 AM - 10:30 AM

**Session Location:**

Virtual

Online, Any location, AB

Virtual

Online, Any location, AB

Virtual

Online, Any location, AB

Virtual

Online, Any location, AB

**About the Session:**

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

### **About the Presenter(s):**

#### **Geri Lorway, Thinking 101**

Geri Lorway does not promote or support “discovery learning”. She promotes and supports teaching children how to think, how to reason and problem solve, how to comprehend and communicate both written and oral language in grade appropriate ways, how to use their visual spatial skills to learn, recall and apply FACTS. The basics that form the foundation for success with Readin’, Ritin’ and ‘Rithmetic all connect when we teach kids to THINK as they learn. Geri’s career in education spans more than 35 years. She has taught in single & multi grade classrooms, been a principal, a District Principal, a District Consultant and currently continue as a University Professor, action researcher, coach and mentor to teachers, parents and students across Western Canada. As she works in classrooms across the province, her knowledge and understanding evolves. Teaching is change because learning is change.

#### **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.

*Catering is not prepared in a nut/gluten-free environment.*

### **Photography Release:**

This is a public event with the likeliness of photo/video throughout the day. By attending, participants understand they may be captured in photo or video for future presentations or promotional material development. Please see conference hosts if you prefer to not be photographed.

### **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.**