

NR.NUM18.006CG Connecting Literacy/Numeracy/Competencies in the Grade Six Mathematics Classroom



PRESENTED BY

Geri Lorway, Thinking 101



SERIES SESSIONS

Date	Time
November 02, 2017	9:00 AM - 3:30 PM
February 16, 2018	9:00 AM - 3:30 PM



LOCATION

I.V. Macklin Public School - 8876 - 108 Avenue

FEE

\$200.00

QUESTIONS?

Contact Us:

nrlc@arpcdc.ab.ca

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

REGISTER ONLINE

Visit our website to register:

nrlc.net

Program

Register for both days (\$200) or one day (\$125)

Registration includes materials and lunch

November 1

Day one will focus on connecting key topics from the number strand. Working from a model for place value that focuses on multiplicative reasoning, we will look at a series of tasks that deepen student knowledge of, and ability to work with number from one million to one millionth. Topics for the day include:

- Understanding equality and what it means to "preserve it"
- Connecting fractions, decimals, ratios and percentages
- The most efficient and effective way to help struggling students master and recall multiplication & division facts
- The number properties that matter and how to teach them, what to do with order of operations.

Current research on spatial reasoning makes clear that placing more attention on **how** we teach topics from the space and shape and data analysis strands has a direct, positive affect on student achievement with number facts and number operations. Day 2 will provide you insights into how this can be true.

February 15

Day two will focus on techniques for **actively engaging** students in the study of topics from shape and space including:

- Transformations and transformative thinking
- Studying and relating angles
- Properties of triangles
- Why developing formulas matters and how to make it meaningful

We will also take a deep look at how to connect gathering, sorting and generalizing data and building and interpreting tables of values and a variety of graphs across all the strands, all year long.

When you study a PAT or any international math test it quickly becomes obvious that reading and interpreting visual data, charts, tables and graphs plays a huge role in student success.

(The materials package includes BERCS Cards matched to student practice sheets and student problems Assessment criteria listed in student friendly language accompany them.)

Throughout the materials and the day, we will connect problem solving with specific attention to word problems and ways to infuse key comprehension, word attack, reading and writing skills into your math lessons.)

Presenters

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.
