# NR.MA19.006CG Number Sense Before Number Facts, Teaching and Assessing Number Sense: Grade by Grade, Student by Student - Grade 5

**PRESENTED BY**

## Geri Lorway, Thinking 101

**SERIES SESSIONS**

| Date | Time |
|---|---|
| October 09, 2018 | 8:30 AM - 3:30 PM |
| January 24, 2019 | 8:30 AM - 3:30 PM |
| April 16, 2019 | 8:30 AM - 3:30 PM |

**LOCATION**

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

**FEE**

**$150.00**

**QUESTIONS?**

**Contact Us:**
nrlc@arpdc.ab.ca
780-882-7988

**REGISTER ONLINE**

**Visit our website to register:**
nrlc.net

## Program

***Registration Fees:***

*$150 for the series,*

*$70 for individual sessions*

*20% discount code for pre-service teachers with proof of a student ID card (choose "cheque" when registering online and contact register@nrlc.net to receive discount)*

**Grade Five:**

**October 9 January 24 April 16**

This "workshop" is set up as a series of 3 days.

*The sessions will be supported with an online space for sharing. If you pay for the series but cannot participate in some of the days ,you can still be connected to the work and learning. You can still receive the tasks.*

Each day follows a similar format. You will be introduced to, and have time to discuss, practice, become confident with a set of number sense tasks to take to your classroom. The tasks build the number sense that forms the foundation for

key skills and concepts at your grade level.

*Number sense comes before number facts. It encompasses a set of skills that impact their success across all grades and topics. When students lack a strong sense of number they have trouble learning, connecting and remembering number facts, remembering and applying algorithms, working with place value, fractions, decimals, and they are unable to apply strategies to know if their solutions to problems are reasonable.* • NMAP, page 27, March 2008

Each day has a classroom observation session built in. We will follow up the observation with a discussion on how to use the built in rubrics for evaluation and reporting. Each day will focus on a different set of tasks and ways to track and assess student success. The tasks have differentiation built right in.

Take the tasks to your classroom, work with your students and bring back samples, concerns, adaptations to share with the group. Many teachers have been surprised to learn that the impact on student learning spreads beyond just improving number facts. Comprehension, problem solving, measurement, even reading and writing skills improve.

Number sense is not a topic for September, it can and should be woven into your year. "Number sense" is at the heart of ***numeracy*** comes before facts can be mastered and firmly connects to ***literacy.***

*Lunch is included with registration.*

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## 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.*

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## Registration Notes

Save $60 when you register for all 3 dates of the series!

Northwest NRLC REGIONAL LEARNING Consortium