



**NANAIMO LADYSMITH**  
**PUBLIC SCHOOLS**

Grade 7-8 Formative  
Numeracy Assessment Tool



*Success for All*

## Grade 7-8 Formative Numeracy Assessment Tool

This tool has been carefully developed with a view to assessing learners' understanding of critical Grade Seven content and competencies. In addition to the NLPS Individual Assessments, a variety of collaborative activities have been curated and/or developed by NLPS teachers. These collaborative activities are meant to be done for 15-20 minutes prior to the individual assessments. These collaborative tasks are to activate and consolidate prior learning and set the focus for the individual assessment.

The individual assessments can be used in a variety of ways:

### Grade Seven

- Used at the end of each unit, throughout the year, to assess individual learners' progress.
- Identify areas to re-teach and support.
- Assist in supporting transitions to grade eight.

### Grade Eight

- Each tool can be implemented separately over the first couple of weeks of grade eight.\*
- Identify areas to re-teach and support.
- Identify learners who may need additional support.

Individual assessments are meant to be done without a calculator. Tools such as multiplication charts and number lines may be used and are contained in the 'Tools' folder.

Additional resources for teachers include: a quick scale rubric and a suggested scoring sheet.

The importance of effective numeracy and mathematical teaching and learning has broad ranging implications. From the Pan-Canadian Assessment Program: Contextual Report on Student Achievement in Mathematics 2019:

"A sense of belonging or connectedness at school was positively related to student outcomes in mathematics. The more strongly that students agreed with the statement "I liked school," the higher their mathematics scores..." (PCAP p.85)

\*Each secondary school in NLPS is on a linear system for Grade 8 Mathematics for 2022-23.

## Acknowledgements

Sincere appreciation goes to the teachers of SD68 who contributed significantly towards the development of this formative assessment tool.

Marijke Campbell, Wellington Secondary

Lorraine Carlson, McGirr Elementary

Tad Davis, John Barsby Community

Vicki Henderson, Wellington Secondary

Paul Klan, Cinnabar Valley Elementary

Dallas Knight, Park Avenue Community

Tess Lund, Nanaimo District Secondary

Mike McCarney, Ecole North Oyster Elementary

Jeff Mikulin, John Barsby Community

Tanya Peace, McGirr Elementary

Don Rinald, Cedar Secondary

Rebecca Thompson, Departure Bay Elementary

David Van Horne, Ladysmith Secondary

Daniel Van Wijke, Ladysmith Secondary

Jacque Poulin, Director of Instruction, Learning and Innovation, Learning Services

Kerri Steel, Director of Instruction-Inclusive Education, Learning Services

Kirstin Funke Robinson, District Principal, Learning Services

Isabelle Lavoie, Learning Coordinator, Learning Services

Tracey Sweetapple, Transition Coordinator, Learning Services

Nanaimo-Ladysmith Public Schools gratefully acknowledges the work of other school districts on similar tools for assessment: SD73 Kamloops, SD33 Chilliwack, and school district teams involved in the development of the Island Numeracy Assessment.