EDU-2014-00033 List of References

Information available online:

Exploring Curriculum Design. Transforming Curriculum and Assessment. https://www.bced.gov.bc.ca/irp/docs/exp_curr_design.pdf

Defining Cross-Curricular Competencies. Transforming Curriculum and Assessment. https://www.bced.gov.bc.ca/irp/docs/def_xcurr_comps.pdf

2000-2006 Mathematics Problem Solving Official Scoring Guide http://mathforum.org/pow/omp/pdfs/asmtmathscorguide0006eng.pdf

Frigo, Tracy, Matthew Corrigan, Isabelle Adams, Paul Hughes, Maria Stephens and Davina Woods. Supporting English Literacy and Numeracy Learning for Indigenous Students in the Early Years.

http://acer.edu.au/documents/Mono_57-SupportingEnglishLearningForIndigenous.pdf

Canadian Mathematics Education Study Group. http://s383713542.onlinehome.us/cmesgfiles/pdf/CMESG2010.pdf

The Final Report of the National Mathematics Advisory Panel. <u>http://www2.ed.gov/about/bdscomm/list/mathpanel/report/final-report.pdf</u>

Mathematics Problem Solving Scoring Guide, Northwest Regional Educational Library http://www.pblpathways.com/projects/Problem_Solving_Scoring_Guide.pdf

Mayfield Kristi H. and Philip N. Chase. The Effects of Cumulative Practice on Mathematics Problem Solving. http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1284369/pdf/12102132.pdf

Muir, Mike. Research Brief. http://oemanagement.com/data/ files/problemsolving.pdf

McIntosh, Robert and Denise Jarrett. Teaching Mathematical Problem Solving: Implementing the Vision

http://www.cimm.ucr.ac.cr/ciaem/articulos/universitario/conocimiento/Teaching%20Mathematic al%20Problem%20Solving:%20Implementing%20the%20Vision*McIntosh,%20Robert%20.*M cIntosh.pdf

2000-2003 Mathematics Problem Solving Official Scoring Guide http://www.wou.edu/~burtonl/prep/mathscoringguide.pdf

201 Math Problem Solving

http://web.njit.edu/~ronkowit/teaching/rubrics/samples/math_probsolv_chicago.pdf

Ross, Sharon R. Place Value: Problem Solving and Written Assessment. <u>http://www.grsc.k12.ar.us/mathresources/professional/PD/Prof%20Articles/Place%20Value-%20Elementary.pdf</u>

Lesson Plan Title: Problem Solving Mathematics http://www.learningpt.org/pdfs/mscLessonPlans/armstrong.pdf

McGregor, Catherine and Peter MacMillan. Program Evaluation of Math 030 (ethno-math). <u>http://www.cnc.bc.ca/Assets/Exploring/Program+Websites/Community+Education/Math030+report+May+2004.pdf</u>

Aitken, E. Nola and Annette Bruised Head. Native Reserve Students' and Native Public School Students' Way of Knowing Math. <u>http://www3.brandonu.ca/library/cjns/28.2/04aitken.pdf</u>

Lillijedahl, Peter. Numeracy Definitions. http://www.peterliljedahl.com/wp-content/uploads/Numeracy-Definitions.docx

References available for purchase (Records removed pursuant to Section 3).

Buschman, Larry. Children Who Enjoy Problem Solving. http://www.nctm.org/publications/article.aspx?id=21421

Green, David A. Last One Standing: Creative, Cooperative Problem Solving <u>http://www.nctm.org/publications/article.aspx?id=21338</u>

Hoosain, Emam and Renee H. Chance. Problem-Solving Strategies of First Graders. <u>http://www.nctm.org/publications/article.aspx?id=21522</u>

Kelly, Janet A. Improving Problem Solving through Drawings. http://eric.ed.gov/?id=EJ592091

Ameis, Jerry. Stories Invite Children to Solve Mathematical Problems. http://www.nctm.org/publications/article.aspx?id=21257

Boaler, Jo. Learning from Teaching: Exploring the Relationship Between Reform Curriculum and Equity.

http://www.jstor.org/discover/10.2307/749740?uid=3739400&uid=2129&uid=2&uid=70&uid=3737720&uid=4&sid=21103727835623

Borden, Lisa Lunney. The 'Verbification' of Mathematics: Use the Grammatical Structure of Mi'Kmaw to Support Student Learning. http://eric.ed.gov/?id=EJ961339

Borden, Lisa Lunney. What's the word for...? Is there a word for...? How understanding Mi'kmaw language can help support Mi'kmaw learnings in mathematics.

http://eric.ed.gov/?id=EJ961339

Mistrettea, Regina and Joseph A. Porzio. Solving Problems. http://www.nctm.org/publications/article.aspx?id=21156

Hiebert, James, Thomas P. Carpenter, Elizabeth Fennema, Karen Fuson, Piet Human, Hanlie Murray, Alwyn Olivier and Diana Wearne. Problem Solving as a Basis for Reform in Curriculum and Instruction: The Case of Mathematics. http://academic.sun.ac.za/mathed/174WG/Problemsolving_Hiebert.pdf

Hiebert, James, Thomas P. Carpenter, Elizabeth Fennema, Karen Fuson, Piet Human, Hanlie Murray, Alwyn Olivier and Diana Wearne. Rejoinder: Making Mathematics Problematic: A Rejoinder To Prawat and Smith. http://edr.sagepub.com/content/26/2/24.full.pdf+html

Ricks Leitze, Annette and Sue Tinsley Mau. Assessing Problem-Solving Thought. http://eric.ed.gov/?id=EJ586693

O'Donnell, Barabara D. On Becoming a Better Problem-Solving Teacher. <u>http://eric.ed.gov/?id=EJ782622</u>

Researching Numeracy Teaching Approaches in Primary Schools. <u>http://connection.ebscohost.com/c/articles/15254028/researching-numeracy-teaching-approaches-primary-schools</u>

Sawanda, Daiyo. Mathematics: A Japanese Way. http://www.nctm.org/publications/article.aspx?id=20927

Fulton Robert, Margot. Problem Solving and At-Risk Students: Mathing "Mathematics for all" a Classroom Reality. http://eric.ed.gov/?id=EJ672103

Sterenberg, G; Barrett, L.; Blood, N; Glanfield, F; Lunney Borden, L.; McDonnell, T; Nicol, C.; Russell, C. and Weston, H. (f2010). To become wise to the world around us: Multiple perspectives of relating Indigenous knowledges and mathematics education. *Delta K*, 47(2), 21-29. \rightarrow Not available online

Foundations of Mathematics and Pre-Calculus 10, Pre-Calculus 11 & 12. Analysis of Curriculum Changes for Grades 10 to 12 Mathematics. <u>http://www.mheducation.ca/western-math/</u>

Math Handbooks Problem Solving: Developing Thinking Skills Through Reading and Writing. <u>www.nctm.org</u>

Mathematics Problem Solving. Practical Inquiry. Spring 2000. http://mathforum.org/library/view/741.html

Ministry of Education note

The program area has also noted that the current curriculum does provide a list of references in the curriculum for each grade.

For K-7, this list can be found on pages 20-25, http://www.bced.gov.bc.ca/irp/pdfs/mathematics/2007mathk7.pdf

For 8-9, this list can be found on pages 21-25, http://www.bced.gov.bc.ca/irp/pdfs/mathematics/2008math89.pdf

For 10-12, this list can be found on pages 113-114, http://www.bced.gov.bc.ca/irp/pdfs/mathematics/WNCPmath1012/2008math1012wncp_ccf.pdf

More information on the WNCP mathematics framework, including historical documents, can be found: https://www.wncp.ca/english/subjectarea/mathematics.aspx

There is also a final report on the WNCP mathematics curriculum: https://www.wncp.ca/media/39083/final_report.pdf