

Mathematics Knowledge Network Updates (June 2017)

Network Growth

The MKN has grown to include over 12 school districts, 13 universities, and 16 community organizations.

School District Partners

CSC Providence, GECDSD, HWDSB, LDSB, NNDSB, NCDSB, RDSB, TDSB, TCDSB, UGDSB, WCDSB, YRDSB

University Partners

Brock, Lakehead, Laurentian, Laurier, Nipissing, OISE, Ottawa, Queen's, Trent, UOIT, Western, Windsor, York

Community Organizations

AECEO, AFEMO, CMS, CPCO, FNMIEAO, KTEI, MLN, ML2N, Mushkegowuk Council, OAME, OECTA, OMCA, OPC, OSSTF, SWOAME, TVO

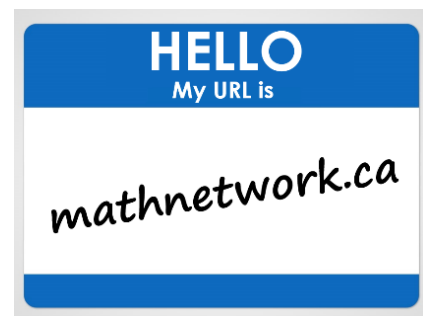


Sharing

- **OAME May 11-13:** Many MKN CoP members presented and an MKN flyer was distributed at the OAME resource table.
- **Canadian Knowledge Mobilization Forum May 18:** KNAER represented the MKN for the panel discussion with OME, KNAER, and KNSWB, and an MKN flyer was distributed at the KNAER resource table.
- **Canadian Society for the Study of Education (CSSE) May 29:** Panel discussion with OME, KNAER, and KNSWB.

MKN Website & TeachOntario

- You can find us at our **NEW URL:** mathnetwork.ca
- Our main page is now a blog page with weekly updates on CoPs and more. Stay informed of these updates by signing up for our [mailing list](#).
- **Coming soon:** sharing/engaging with Ontario teachers (and beyond!) through online discussion groups at TeachOntario.ca



Communities of Practice Activities

At the first MKN Advisory Panel meeting on February 27 & 28, 2017, CoPs met and started planning for Year 1 (Nov 2016 – Aug 2017). To date, all MOUs, implementation plans, and budget plans have been approved for Year 1. CoP activities are now underway!

Computational Thinking

- 13-15 October 2017: Computational Thinking in Mathematics Education Symposium. Register [here](#).
 - Wellington CDSB is developing a Math + Computer Science Cohort in Grade 10.
 - Updated math + coding documentary on symmetry as a transformation: Grades 2/3.
 - New repeating patterns + coding lesson study documentary coming soon!
- See their [page](#) for more information.



Math + coding by Grades 2/3 students at St. Andrews PS, TDSB.

Kindergarten Forum for Action: Building Mathematical Foundations for Young Children
August 17, 2017

Keynote Speaker: **Dr. Ross Clouston**, President, Ontario Council of Educators for the Quality of Early Childhood Education (OCEQ)

Early Years Professional Learning Day
Friday, September 8, 2017

Breakout Session	Time	Title	Presenter
7559	7960	Focus on Teaching Non-Verbal	Dr. Sarah-Jane Smith
7583	7594	Early Math Education: Research and Practice	Janis Stronach
7587	7558	Math and Play-Based Learning: A Research Review	Angela Pitt
7581	7582	Math Literacy: Developing and Assessing Children's Early Numeracy Skills	Michelle Gaudin
7587	7598	Supporting the Development of Mathematical Thinking in Early Childhood	Michelle Gaudin
7581	7592	Emotional Literacy	Michelle Gaudin
7585	7596	Using Data to Inform Instruction	Michelle Gaudin

Critical Transitions

- Online [survey](#) for kindergarten and Grade 1 teachers as well as ECEs.
 - 17 August 2017: Kindergarten Forum for Action. Registration for faculty members [here](#).
 - 8 September 2017: Early Years Professional Learning Day. Stay tuned for more details.
- See their [page](#) for more information.

Indigenous Knowledge in Mathematics Education

- [Surveys](#) targeting School Board Math Consultants/Coordinators, Math educators K-12 in provincial system, and Math educators in First Nations Schools.
 - 27-29 June 2017: CoP planning meeting at Trent University.
 - 28-29 October 2017: FNMIEAO Educator Conference. Details [here](#).
- See their [page](#) for more information.

Aamii and greetings! You are invited to **THE 1ST NETWORKING MEETING OF THE INDIGENOUS KNOWLEDGE AND MATHEMATICS EDUCATION COMMUNITY OF PRACTICE**

Supported by the Mathematics Knowledge Network and the KNAER II Knowledge Mobilization Project

JUNE 27-29, 2017
Trent University, Peterborough, ON

Letting Students Think in Grade 9 Math
Debbie John - Literacy Support Teacher
David Petro - Math Science Consultant

Mathematics Leadership
Community of Practice

Mathematics Leadership

- Ongoing meetings with CoP partners.
 - Collecting data related to educators' needs.
 - Mathematics Leadership Network's (MLN) "[Not a Book Study](#)" complete.
 - Partners are participating in Canada150 with [math challenges](#).
- See their [page](#) for more information.