

## 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

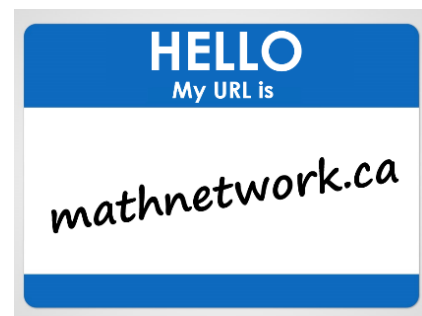


### Sharing

- **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](http://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**

Breakout Sessions:

Session #	Session Title	Presenter	
7559	7560	Parents on Teaching Math at Home	Dr. Ross Clouston
7583	7584	Early Math Education: Research and Practice	Dr. Ross Clouston
7587	7588	Math and Play-Based Learning: Research and Practice	Dr. Ross Clouston
7591	7592	Math Learning and Assessment: Children's Early Numeracy Skills	Dr. Ross Clouston
7595	7596	Using Data to Inform Instruction	Dr. Ross Clouston

**Early Years Professional Learning Day**  
Friday, September 8, 2017

Keynote Speaker: **Dr. Ross Clouston**

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## 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 - WEDCB - Literacy Support Teacher  
David Petro - WEDCB - 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.