



FIELDS

Mathematics Education Forum

April 25, 2020, 10 AM – 11:45 AM
Fields Institute, 222 College Street, Toronto

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Parents and the Mathematics of a Changing Classroom

(organized by Kate Zhang and Charles Anifowose)

Parents' perspectives on STEM education in the classroom can have a big impact at both the micro and the macro level. Individually-held beliefs can impact attitudes involving the reasons for learning mathematics, the effort put into learning and the pathways chosen by students. Collectively-held beliefs can help shape the way that the political world chooses to invest or direct what happens in our math classrooms. On both ends, there are serious stakes for both equity and achievement.

10:00 AM – 10:05 AM

Reports from OAME, OMCA, OCMA, OCMC, CMESG, CMS, CME and MKN, AFEMO, and others.

ALL EVENTS ARE CONTINGENT DISRUPTIONS RELATED TO THE COVID-19 PANDEMIC. STAY SAFE.

10:05 AM – 10:45 AM

Parent Perspectives

Workshop introduced by **Charles Anifowose**

As a part of our discussion on this day, we hear from parents about their perspective on mathematics education in Ontario schools. In order to prompt discussion among Forum participants, we have collected short interviews from parents in the Toronto and Hamilton areas. These clips are compiled and are made available to participants as an exercise of providing evidence-informed responses to expressed needs and frequently asked questions.

10:45 AM – 11:45 AM

Engaging Parents in Mathematics

Talk given by **Caroline Rosenbloom** (Principal, TDSB)

This session will look at ways schools can engage parents in elementary mathematics to help their child at home. Connecting parents' questions about math they learned when they were young to math that is taught in their child's class, helps them understand the purpose of the curriculum.

Caroline Rosenbloom was a recipient of the Prime Minister's Award for Teaching. She was an Elementary Coordinator in the J/I Midtown Technology Option, Math Instructor and Technology Infusion Lead at OISE/UT. She has enjoyed working with students, teachers and parents as a middle school teacher, Math Instructional Leader in the TDSB and Education Officer at EQAO. Caroline is co-author of Investigating Mathematics Using Polydron and was the first columnist for the Ontario Mathematics Gazette's, "In the Middle". She also developed numeracy podcasts for the Ministry to help parents engage in mathematics at home. She continues to explore mathematics and technology throughout her adventures as an Elementary Principal in TDSB.

11:45 AM ADJOURNMENT