



Ron LANCASTER

Biography

Ron is an Associate Professor (Teaching Stream) at the Ontario Institute for Studies in Education of the University of Toronto (OISE/UT) where he has taught mathematics methods courses for pre-service elementary and secondary teachers since 2004. Before being hired at OISE/UT, Ron was a middle and high school mathematics teacher at co-ed public schools and an all-girls school for 23 years. Ron's professional activities include consultations for international, private and public schools; technology companies, museums and public broadcasters. Ron has been a presenter at hundreds of conferences, including the highly-regarded Anja S. Greer Conference on Mathematics and Technology at Phillips Exeter Academy for 29 years in a row; 60 National Council of Teachers of Mathematics (NCTM) Annual and Regional Conferences; 38 consecutive Ontario Association for Mathematics Education Annual Conferences and 12 East Asia Regional Council of Overseas Schools Conferences and Weekend Workshops. Ron has been a prolific author for the *Mathematics Teacher*, published by the National Council of Mathematics Teachers (The Mathematical Lens & Media Clips) and the *Ontario Mathematics Gazette*, published by the Ontario Association for Mathematics Education (Mathematical Snapshots) as well as a member of the writing team for *Principles and Standards for School Mathematics*, published by the NCTM. Ron loves coddiwompling and he sees mathematics everywhere he walks. He never leaves home without his pair of math glasses and camera so that he is always ready to snap photos of numbers, patterns, shapes, solids, curves and shadows. Throughout his career, Ron has made connections between the mathematics curriculum and daily life in an effort to help students appreciate and enjoy mathematics. Ron is the recipient of the 2015 Margaret Sinclair Memorial Award Recognizing Innovation and Excellence in Mathematics Education awarded by the Fields Institute.

Workshop Description

Workshop Title: Mathematical patterns and rich mathematical tasks using letters, words, sentences and poetry

Join Ron Lancaster for a hands-on workshop that focuses on how to use letters, words, sentences and creative writing to teach mathematical topics that includes symmetry, rotations, stretches, patterns, the Fibonacci sequence, sequences & series, geometry, analytic geometry and Calculus.