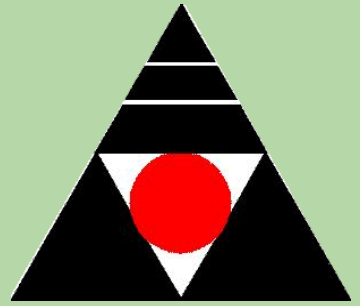OAME/AOEM
presents an online
learning opportunity
with

Jo Boaler

21st Century Teaching and Learning

Monday, June 29th
Time: 4:00 - 5:30 EDT

This webinar is FREE to OAME/AOEM members.
Non-members can register for $5
Register at https://oame.on.ca/mcis/index.php

21ˢᵗ Century Teaching and Learning

Jo Boaler, The Nominelli-Olivier Professor of Education (Mathematics) & co-founder of youcubed.org

We are in an exciting time in terms of the knowledge we can all access, and the ways knowledge is being communicated. Our world is filled with data and data visualizations and a new, important goal for our teaching is to help students become data literate, learning to make sense of data in their lives and separate fact from fiction. All teachers can teach with a data perspective, integrating the ideas from data science into their teaching. The aim of a data science approach is not to add new content or standards to your teaching, it is about interacting with your content in a data science way – that is fun, interesting and creative. Students can learn to ask questions that are meaningful to them, to explore and study patterns and to communicate with cool data visualizations. I am co-leading a K-12 data science initiative with Steve Levitt (economist & Freakonomics author) and this session will share ideas and resources for all teachers. This video introduces the initiative:

https://www.youcubed.org/resources/data-science-initiative-video/

Dr Jo Boaler is the Nomellini & Olivier Professor of Education at Stanford University. Former roles have included being the Marie Curie Professor of Mathematics Education in England, and a mathematics teacher in London comprehensive schools. She is author of 14 books, numerous articles and a White House presenter on women and girls. Her latest book is called: *Limitless Mind: Learn, Lead and Live without Barriers* and is published by Harper Collins. She co-founded www.youcubed.org to give teachers, parents and students the resources they need to excite students about mathematics. She is currently co-leading a K-12 Data Science Initiative and was named as one of the 8 educators "changing the face of education" by the BBC.