



A unique opportunity to
connect and share
with others who *care*
about Mathematics Education.



Join us for a one day workshop event
led by

Jo Boaler

Professor, Stanford University.
Co-Founder of youcubed

*The Mindset Revolution: Teaching
Mathematics for a Growth Mindset*

November 4, 2016
Pearson Convention Centre
2638 Steeles Avenue East, Brampton



The Ontario Association for Mathematics Education
L'Association ontarienne pour l'enseignement des mathématiques

OAME 2016 Leadership Conference

The Mindset Revolution: Teaching Mathematics for a Growth Mindset



In recent years scientific studies have demonstrated that student and teacher 'mindsets' have a profound impact on learning. Students with a 'growth mindset' (Dweck, 2006) who believe that intelligence and 'smartness' can be learned and that the brain can grow from exercise learn more effectively, displaying a desire for challenge and showing resilience in the face of failure. Such behaviors encourage greater math persistence, engagement and high achievement. Mathematics teachers play a critical role in the development of mindsets and this session will review the ways to teach for a growth mindset, including attention to classroom norms, math tasks, questions and assessment.

Find Jo -- Websites:

<http://www.youcubed.org>

www.joboaler.com

<http://ed.stanford.edu/faculty/joboaler>

In **the day long workshop** we will consider together what it means to teach math for a growth mindset. We will look together at different mathematics tasks, different forms of assessment and grading, grouping arrangements, encouragement and praise, and many other aspects of mathematics teaching. We will do this through classroom videos and through working on math tasks together.



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Program

TIME	ACTIVITY
8:00am - 9:00am	Registration
9:00am - 12:00pm	Workshop led by Jo Boaler <i>The Mindset Revolution: Teaching Mathematics for a Growth Mindset</i>
12:00pm - 1:00pm	Exhibitors and Luncheon Preview new products View displays Connect with colleagues Enjoy a delicious meal Grow your mind
1:00pm - 4:00pm	Continue Workshop with Jo Boaler <i>The Mindset Revolution: Teaching Mathematics for a Growth Mindset</i>



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2016 Leadership Registration

Registration for the 2016 Leadership Conference is through the OAME Math Conference Information System (MCIS), which can be accessed at <http://www.oame.on.ca/mcis/index.php>.



Registration Fees:

OAME MEMBER \$299

Fee includes:

- Workshop led by Jo Boaler
- Lunch on Friday
- Parking
- Taxes & gratuities

NOTE: If you require accommodations, please make your own arrangements. Accommodation is not included for this one day event.

**REGISTER EARLY
SPACE IS LIMITED.
REGISTRATION DEADLINE: October 1, 2016***

*** Registration will be closed *before* October 1 if capacity is reached.**

Questions? Contact Lynda at eds@oame.on.ca



Biography



**Find out more about Jo by
visiting her websites:**

<http://www.youcubed.org>

www.joboaler.com

[http://ed.stanford.edu/faculty/
joboaler](http://ed.stanford.edu/faculty/joboaler)

Dr Jo Boaler is a Professor of Mathematics Education at Stanford University, and the co-founder of youcubed. She is also the editor of the Research Commentary Section of *The Journal for Research in Mathematics Education* (JRME), an analyst for PISA testing in the OECD, and author of the first MOOC on mathematics teaching and learning. Former roles have included being the Marie Curie Professor of Mathematics Education for Europe, a mathematics teacher in London comprehensive schools and a researcher at King's College, London. Her PhD won the national award for educational research in the UK and her book: *Experiencing School Mathematics* won the 'Outstanding Book of the Year' award for education in Britain. She is an elected fellow of the Royal Society of Arts (Great Britain), and a former president of the International Organization for Women and Mathematics Education (IOWME). She is the recipient of a National Science Foundation 'Early Career Award' and the NCSM Kay Gilliland Equity Award (2014). She is the author of nine books and numerous research articles. Her latest book *What's Math Got To Do With It?* (2015) is published by Penguin, USA and aims to increase public understanding of the importance of good mathematics teaching and give teachers the methods they need for success. She serves as an advisor to several Silicon Valley companies, and a White House presenter on girls and STEM. She recently formed www.youcubed.org to give teachers and parents the resources and ideas they need to inspire and excite students about mathematics.