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Spring: Time for a Climate Change

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Robyn Silbey Professional Development Raising Teacher Quality and Student Achievement in Mathematics



Happy Spring! Mother Nature reminds us to start anew as plant life grows and thrives. Our students can, too. With testing behind us, the best part of the year lies ahead. We can celebrate our students' growth and encourage them to take on new

tasks, risk-free. What new challenges will you encourage your students to explore?

In This Issue

Sir Ken Robinson's TED Talk

Girls and Math: Culture Bias?

New College Text Released

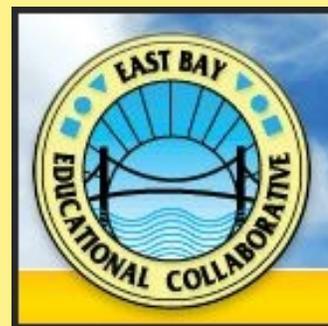
NCSM and NCTM

How to escape education's death valley



Sir Ken Robinson stirs passion in his audience at

Shout Out!
East Bay Educational
Collaborative



Educators across New England braved the bitter cold to participate in sessions designed to deeply understand the Common Core Standards for Mathematical Practice.

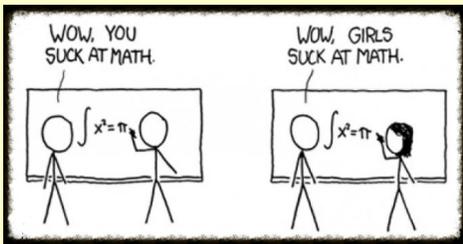


passion in his audience at the 2013 Ted Conference, as he has done for several years. In "[How to Escape Education's Death Valley](#),"

Sir Ken says that curiosity is the engine of achievement. He says that students are to be stimulated, provoked, and engaged. Sir Ken's final thought is that the role of leadership in education is to create climate control, nurturing a climate of possibility. Prepare to be mesmerized and stimulated for 20 minutes in this sensational TED presentation.

Girls and Math: Culture Bias?

A recent [report from Science Now](#) indicates that gender



bias seems to affect both men's and women's perception of women's math skills. Economic researchers Paola Sapienza and Luigi Zingales teamed up with experimental

psychologist Ernesto Reuben to design an experiment that assessed people's gender bias when it comes to judging mathematical ability.

The results reveal that the size of the gap between men and women closely track the degree of gender inequality in their country of origin. In general, however, men and women employers alike revealed their prejudice against women for a perceived lack of mathematical ability. More details about the study can be found in the [Science Now article](#).

New College Text Released!

To be a successful mathematics teacher, you must first become a



Sponsored by the [East Bay Educational Collaborative](#) and [McGraw-Hill Education](#), teachers and teacher leaders delved deeply into the [Mathematical Practices](#).

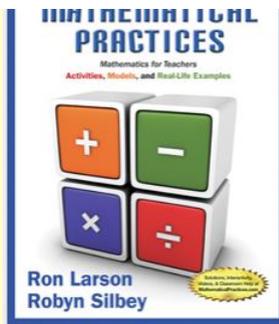
Participants left the workshops prepared to share the meaning and value of the Mathematical Practices using student-accessible language and visual models.

Collaborating with Teachers



In the [March Coaches' Corner of Teaching Children Mathematics](#), Robyn offers suggestions for working with teachers on their terms. Teachers' schedules are highly structured, and their available time is limited. Robyn provides creative alternatives to traditional meeting times along with strategies for making the most of every

teacher, you must first become a successful mathematics student. Ron Larson and Robyn's first edition of Mathematical Practices helps pre-service teachers be the best educators they can be. Every lesson features a hands-on classroom activity with Robyn, as well as extensive work with math tools and math models. To frame the approach, notations with the relevant Standards for Mathematical Practice and Content Standards appear throughout the lessons.



Mathematical Practices provides pre-service teachers with the content, proficiencies, and processes required to help their students become successful math learners.

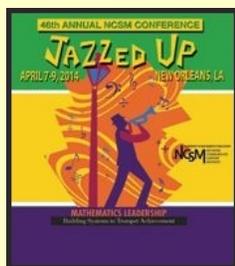
moment. More details appear in Robyn's article on page 406.



Preview! In the April Coaches' Corner, Robyn provides

detailed information about the Progressions documents and their extraordinary value for learning and teaching with the Common Core Standards.

See You in New Orleans!



National Council of Supervisors of Mathematics

Monday, April 7 @ 2:45, Hilton Elmwood

Make 3 Wishes: A Fairy Tale that Makes Sense

Explore 3 clinically proven strategies that coaches utilize to promote

student-centered, rigorous mathematics instruction.

Wednesday, April 9 @ 3:30, Hilton Grand A
Student Errors and the Growth Mindset: Using Formative Assessment to Optimize Instruction
Use formative assessments to make effective, customized instructional decisions and motivate students to develop a positive relationship with mathematics.

National Council of Teachers of Mathematics

Friday, April 11 12:30 CCR07
3 Proven Strategies for Adding Rigor and Making Math Real

Engage with released, rigorous assessment items and explore research-proven strategies that help students value reasoning, perseverance, and deep conceptual understanding.



Customized Visits to Suit Your Needs



Call Robyn at 301-802-5285 or email her at robyn@robynsilbey.com to talk about visits to your district or school.



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