

## AMTNJ's 2016-2017 WebPD Sessions

AMTNJ offers *free* one-hour webinars to mathematics teachers. To sign up for one of these online professional development sessions, please go to *amtnj.org*.

***Those who can, do; those who can't - use computer simulation.***

**Tuesday, November 22, 2016 at 7 pm**

This webinar will present some real-world uses of computer simulation to supplement what is covered in an AP Statistics course. The presentation will use Excel to simulate random numbers from some continuous distributions to solve some real-world problems. The speaker is a retired insurance company actuary and a current teacher.

**Speaker: Jerry Tuttle, FCAS, Adjunct instructor, Bergen Community College**

***Inspired by Jo Boaler? Fascinated by Cathy Humphreys and Ruth Parker? Are you the first on your block to try Number Talks?***

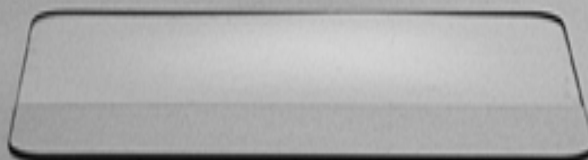
**Thursday, January 5, 2017 at 7 pm**

If you are the first at your school to try number talks or are thinking of trying number talks and you want to share experiences with or hear from other new practitioners, consider this webinar. It's great when the experts tell you how well everything went, but much harder to implement a complex new teaching process without anyone else at your school who has done it. Who will help you figure out how to fix it when none of your students can verbalize how they visualized a pattern of dots, when an entire class of high school students automatically falls back on the standard algorithm, or when that student with an anxiety disorder panics at the sight of decimals? This webinar is an opportunity to share experiences with and bounce ideas off of others in the same boat. For an introduction to number talks, you can see Jo Boaler

at <https://www.youtube.com/watch?v=yXNG6GKFhQM>

**Facilitator: Deborah Rebhuhn, The Center School**

PowerPoint



## ***Algebra 1 Learning Community – 3 Learning Communities Sessions***

***Common Core Lessons in the Algebra 1 Classroom – Wednesday, January 4, 2017  
7:00 pm -***

***Formative & Summative Assessments – Wednesday, February 1, 2017 7:00 pm***

***Resources for Lessons & Assessments – Wednesday, March 1, 2017 7:00 pm***

The Algebra 1 Learning Community is an opportunity for teachers to share materials and ideas. There is discussion on using technology in the Algebra 1 classroom, resources, websites, student work, Smartboard, GeoGebra, reviewing PARCC questions, etc. The topics for each day are *Common Core Lessons in the Algebra 1 Classroom*, *Formative Assessments*, and *Resources for Lessons & Assessments*. Come and participate in an Algebra Learning Community. Attendance to all three sessions is not necessary. You must register for each session individually.

**Facilitators: Lena Komitas, New Brunswick High School & Dianna M. Sopala, Northern Valley Regional High School - Demarest**

## ***SMART Board in the Mathematics Classroom***

**Wednesday, January 4, 2017 at 8:00 pm**

Using the latest versions of SMART Notebook Software? Check out Improvements and new features. Discover how to use tools with version 2015/16 SMART Notebook technology. Explore the basics of using SMART Response 2 for assessments and SMART Lab activities. Share and exchange ideas with other teachers.

**Linda Treilman, Mercer County College**

To register for one of these sessions, visit [www.amtnj.org](http://www.amtnj.org).

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