

NCTM Regional Conference, Richmond, VA
November 12-14, 2014
Technology Sessions

11	QR Codes for IRL Math Instruction to Diminish IDK Syndromes	Virginia A. Fraser	Grades: 6 to 12	Grand Ballroom E (Marriott)	QR codes, smart phone
14	Math Machines and Algebraic Thinking	Robert A. Chaney Frederick J. Thomas	Grades: 9 to 12*	B15A CC	math/science connections
33	Learning Trajectories: Making Sense and Improving Continuity of the Common Core	Alan P. Maloney	Grades: 3 to 8	B15B CC	TurnOnCCMath.net CCCMS development
36	Revitalizing Statistics Using Videos, Applets, and Projects	Marsha J. Davis	Grades: 9 to 12*	Capital Ballroom 5 (Marriott)	Applets, projects
43	Common Core Mathematics Upside Down: Flipping PD and Engaging Teachers!	Francis (Skip) Fennell Beth Kobett & Jon Wray	Grades: 3 to 8	Grand Ballroom AB (Marriott)	Flipped classroom
80	Create, Publish, Critique: Teach Math with Student-Generated Content at shooloo.org	Robin Yang and Jeanne Shannon	Grades: 3 to 8	E23 CC	shooloo.org
82	Virtual Versus Physical: Manipulatives in the Mathematics Classroom	Rhonda Kilgo and Audria White	Grades: 6 to 12	E21B CC	Applets
96	What Is Good Mathematics? How Do We Teach It Well?	Gail Burrill	Grades: 6 to 12	E10AB CC	Dynamic interactive technology can [...] make a real difference in what students learn.
97	A FUNdamental Approach to Connecting Families of FUNctions	Tom Beatini	Grades: 9 to 12	B15B CC	hand-held technology
110	Technology and Mathematical Practices: Impact on Classroom Discussions and Understanding	Farshid Safi and George J. Roy	Grades: 9 to 12	E11AB CC	Technology tips, iPad apps
112	Math Modeling with Digital Media	Dan Meyer	Grades: General Interest	B21C CC	Digital photos, videos
115	Math + Technology = Learning	Tammy Worcester Tang	Grades: K to 5	Grand Ballroom E (Marriott)	Technology, Internet, ipads
119	Using Geocaching in Teaching Algebra and Geometry	Laura Y. Bridge	Grades: 6 to 12	Capital Ballroom 4 (Marriott)	Technology, geocaching
120	A Potpourri of Conic Section Construction Techniques	Daniel Scher and Scott Steketee	Grades: 9 to 12	B21A CC	Geometer's Sketchpad activities

121	Animation and Mathematics: What They Share in Common	Susan G. Helser	Grades: 9 to 12*	B15B CC	Animations
123	The Transmedia Approach to Teaching Math	Jean B. Crawford and Francis (Skip) Fennell	Grades: K to 2	E11AB CC	Transmedia, video, online games
136	"Count On" Assistive Technology to Bridge Common Core	James Larocco and Kara Berghs	Grades: Gen Interest	B21A CC	Assistive technology
145	Avatars: Where Mathematics Meets Audio and Video	Susan G. Helser	Grades: 9 to 12*	Capital Ballroom 4 (Marriott)	Avatars
154	Connect the Dots (Data Points)	Linda Treilman	Grades: 6 to 12	B15C CC	SMART Board software
155	Ingredients for Successful Lessons: Challenging Tasks and Questions That Count	Gail Burrill	Grades: 6 to 8, 9 to 12	B21B CC	"What is the role of dynamic interactive technology in supporting those practices?"
160	Teaching Common Core Addition and Multiplication Strategies on the iPad	Kara K. Carpenter and Rachael Labrecque	Grades: PreK to 2, 3 to 5	Capital Ballroom 1/2/3 (Marriott)	iPad apps
179	Engaging Students via Technology with Video Tasks	Eric Milou	Grades: 6 to 8, 9 to 12	E10AB CC	Technology
180	Flipped Teaching and Learning for Upper Classes	John A. Kerrigan	Grades: 9 to 12*	B10 CC	Flipped classroom
192	Creatively Integrate CCSSM, Questioning Techniques, Interactive Technologies, and Mathematically-Rich Engaging Problems	Tom Reardon	Grades: 6 to 12	Grand Ballroom F (Marriott)	iPads, hand-helds, software
203	Flipping Your Classroom: What, Why, and, Most Importantly, How	Chip F. McNamara and Adam T. Semo	Grades: 6 to 12	B15B CC	Flipped classroom
208	Bring Your Own Device—Are You Kidding Me?	Wendy E. Bartlett	Grades: General Interest	E10CD CC	BYODs
222	Play Your GAMES: Generating Academic Meaning from Entertainment Systems	Tim Kubinak	Grades: General Interest	Grand Ballroom F (Marriott)	Video games
229	The Cure for the Common Core	Patrick Callahan and Kate Nowak	Grades: 9 to 12	Grand Ballroom AB (Marriott)	Technology & classroom experiences; love the title

242	Using Geometric Transformations and Matrices to Create Beautiful Fractals	Maria L. Hernandez	Grades: 9 to 12	B15A CC	Fractals
255	Illuminate Your Classroom and Teach Conceptually Using Free Virtual Manipulatives	David Barnes	Grades: Pre & inservice	E21B CC	Illuminations apps
256	"There's an App for That!": Geometer's Sketchpad on the iPad	Kayla Chandler, Ashley Whitehead and Jennifer Nickell	Grades: General Interest	Capital Ballroom 5 (Marriott)	iPads, Geometer's Sketchpad apps
257	Mathematical Madness	Michael Bolling	Grades: General Interest	B21C CC	No overt technology; love the title
258	Mobile Devices in the Math Classroom	Mandy Collier	Grades: General Interest	B21A CC	iPads, iPod Touches, smart phones; apps
281	Web 2.0 for the Mathematics Classroom: Motivate and Engage	William C. Tozzo	Grades: General Interest	B21B CC	Web 2.0 tools
284	Common Core and Web 2.0	Nicole E. Shobert	Grades: 3 to 8	B10 CC	Twitter, QR codes, blogs
290	Once Upon a Circle	John Hanna	Grades: 9 to 12*	Capital Ballroom 5 (Marriott)	Hand-helds
* Higher Education; CC - Richmond Convention Center					