PCTM ANNUAL CONFERENCE - WEDNESDAY, AUGUST 7													
	Ballroom A (Gettysburg / Lancaster)	Ballroom B (Carlisle)	Ballroom C (Lebanon / York)	Bridgeport	Brady	Metropolitan A	Metropolitan B	Metropolitan C	Leland	William Penn	United States	Harrisburger A	Harrisburger B
8:00 8:15 8:30 8:45	Featuring Annie Fetter, Daniel Kaufmann, Robert Berry, Justin Aion, 8:00 to 9:00 IGNITE Heather Bennett, Jennifer Abel, Steve Phelps												
9:00 9:15												11	
9:30	Annie Fetter			Tim Beatini	Carl Oliver	Leigh Nataro	Val Long	Steve Phelps	Denis Sheeran	Dana Morse		Chris Luzniak	John Fontinell
9:45 10:00 10:15	00 Sensemaking			Want to Develop Fluency with Functions?	PBL for Social Justice in Algebra Class	Desmos Activity Builder 101	What's the Big Deal About Number Sense	It Does That?!!! Geogebra in AP Stats	Lasting Relevance	I Didn't Know My Calculator Could Do That!	Girls Who Code	Intro to Debate Routines for Math Class	All About Me and My PLC
10:30 to 11:00. PLEASE VISIT OUR WONDERFUL VENDORS!													
11:00 to 12:00 KEYNOTE - DAN MEYER													
12:00 to 1:00 LUNCH AND AWARDS													
1:00											13 A. Nerino		
1:15				17	18	19	20	21	22	23	Math Facts	25	26
1:30	14	15	16	Jane Wilburne	Steve Cicioni	Ken Sullins	Paul Battaglia	Lara Rosenberger		Lorraine Harmer	24	Michelle Cirillo	Scott Steketee
1:45 2:00 2:15	Tom Reardon Tech to Maximize Achievement on SAT / ACT	Dan Meyer Desmos Gr 6-12	Doug Tyson Explore Random Sampling	Promoting and Using Evidence of Student Thikning	Problems Without Numbers	Creating Mathematical Models	Know Your Students Better Than Your Content	IMPACTing the Future Together		Formative Assessment Lessons for Common Core	Pragel & DeSantis Math Placement in Higher Education	Facilitating Productive and Powerful Discourse	Why Are They Dancing in Math Class?
2:30													
2:45	27	28	29	30	31	32	33	34	35	36	37	38	39

Reuben Asempapa

Early Grades

Modeling / STEM

46

Dan Kaufmann

First 10 Minutes

of Math Class

Steve Phelps

Paper Folding

Conics with

Desmos

47

Carl Oliver

Desmos -

Creating

Engaging Online Activities Rachel Sebastian

Math

Manipulatives

Rebooted

48

Jay Schiffman

Transitioning to

Proof

Mark Minkus

Implementing

Growth Mindset

49

Tom Reardon

Modeling

Important Social

Issues With Data

Diane Pauli

Universal Design

for Learning and

Differentiation

50

Chris Luzniak

Debate as

Assessment

Jane Wilburne

Data Stations

Across the

Curriculum

51

Lorraine Harmer

Get Ready for the PSSA's Chris McCaffrey

Video, Peer-

Teaching and

Movement

52

Eiseman and Hayes

Boosting Algebra Achievement

Major & Yonkovich

Finding Math in the Great

Outdoors

44

Tim Scripko

Algebra Tiles -

Polynomials to

Completing the

Square

3:00

3:15

3:30

3:45 4:00

4:15

4:30

4:45

Dana Morse

Baby You Can

Drive My Car: Coding to Drive

40

Ian Kerr

Sports Analytics

Cardone and Ray

Illustrative Math:

Diverse Tools

41

CDT State Co-

Leads present

"Leading Change using the CDT"

Stephanie Diehl

Math Like a Girl

42

Rob Baier

Transform Your

Math Instruction

with Flipgrid

Jennifer Abel

Show What You

Know

43

Beth Menzie

Exploration,

Discovery, and

Analysis Through

Rich Tasks

Judith Craig

Cool Tools for

Math

Interventions

45

Tim Brzezinski

Using Geogebra's

Graphing

Calculator and 3D

Apps

Metropolitan C	Juniata	William Penn	United States	Harrisburger A	Harrisburger B
60	61	62	63	64	65
Julie Goddard	Justin Aion	Shrager & Tkacs	Amirah Cutts	Courtney Nagle	Robin Schwartz
mpowering Mini-	When You	Teaching Stats			When Will You
Mathematicians	Standard Alone	and U.S. Gov	Classrooms	Through Lit	Take the SAT?
mpo	lie Goddard	lie Goddard Justin Aion owering Mini- When You	lie Goddard Justin Aion Shrager & Tkacs owering Mini- When You Teaching Stats	lie Goddard Justin Aion Shrager & Tkacs Amirah Cutts owering Mini- thematicians Standard Alone and U.S. Gov. Standard Alone and U.S. Gov. Urban MS	lie Goddard Justin Aion Shrager & Tkacs Amirah Cutts Courtney Nagle Dewering Mini- Dewering Mini- Dementicians Standard Alone Teaching Stats Acadmic Lang in Urban MS Bringing the Math Practices to Life

9:30 to 10:30 KEYNOTE - ROBERT BERRY

10:30 to 11:15: BRUNCH

11:15													
11:30				69	70	71	72	73	74	75	76	77	78
11:45	66	67	68	Marian Avery	Steve Cicioni		Laura Potter	Ralph Pantozzi	Fuguet / Fromal	Joshua Hoyt	Judth Craig	Daniel Kaufmann	Jay Schiffman
12:00	Robert Berry	Eric Milou	Leigh Nataro	PCTM Keystone	PCTM Numbers		Teaching			Google Tools and	Using Ozobots in		Exploring Two
12:15			Create Your Own	Algebra I Exam Preparation	and Operations		Residual Plots for Conceptual	Choose Your Own Adventure	Apple of My (Integral)	the Elementary Mathematics	Your Math	Building Math Fluency	Common Core Mathematical
12:30		Reimagining the Math Classroom	Desmos Activity Builder Lessons	Workshop	Workshop		Understanding	o mi / la roma lo	(integral)	Classroom	Classroom	1 1001109	Practices
12:45		•											
1:00	79	80	81	82	83	84	85	86	87	88	89	90	91
1:15	Tim Brzezinski	Steketee & Hayes	Oliver & Garvey-Clark		Leslie Frischman	Rob Baier	Lindsay Anderson	Chris McCaffrey	Dana Morse	Dan Ilaria	Acceleration Network	Rachel Benkart	Group Presentation
1:30	Using GeoGebra	Reconnecting	Analysis of		You Gotta Know	Strategies for				Promoting	Common Core Shifts in the		Moving Beyond
1:45	Augmented Reality to Model	Geometry and	student thinking with rich tasks		When To Fold	Mathletes and Mathletic	Rethinking How Math Is Taught	Columns, Rows and Algebra	Making Music through Code	Discussion through Math	Mathematics	A Mathematical Crime Scene	the Lens of a Classroom
2:00	our 3D World	Algebra	and video		'Em	Supporters		g	G	Talks	Instructional Block		Teacher
2:15													

 2:30
 92
 93
 94

 2:45
 Bob Lochel
 Annie Fetter
 Marian Avery

 3:00
 Probability: Tall Tales and Fallacies
 The Power of Ideas
 Formative Assessment Techniques

95 96
Tom Reardon
Model Data from Climate Report
Climate Report
Moment Class
Starts