

Thursday, October 12, Mini-courses

9:00 am – Noon

Rolling into Fact Fluency	1 – 6	Jane Felling
Content Focus for High School Math	9 – College	Mark Freed
How to Know What They Don't Know and Fix It	K – 6	Sasha Hammond
Developing Fact Fluency with Understanding – Not Gimmicks!	1 – 5	James Burnett
Facilitating Meaningful Mathematical Discourse by Developing Collaborative	6 – 12	Tom Stricklin
Exploring the Triangle Sum Theorem on the Sphere: What happens when you	11, 12	Art Mabbott
Applying Mathematical Modeling in the Real World: High School	9 – College	Anne Gallagher
My Favorite Math Contest Problems	4 – 8	Dennis Mulhearn
GEOMETRY AND CONSTRUCTIONS: A lost art or important skill	7 – 12	Ronald Leonard
Reinforce Algebra Functions Structure & Behavior Using Free Web-Based	8 – College	Diana Fisher
Rich Tasks and Transformative Mathematical Experience	4 – 9	Daniel Finkel
A Beginner's Introduction to GeoGebra	6 – College	Russell Hanes
Ensuring the Tasks in our Curriculum are Worthwhile	Pre-K – College	Nicole Rigelman
Problem Solving: All-Time Favorite Mathematically Rich Precalculus Activities,	10 – College	Tom Reardon
Powerful Mathematics	K – 6	Melinda Schwartz

1:00 pm – 4:00 pm

Charge Up Your Classes with Free Desmos Technology	6 – 12	Dan Meyer
Walk the Number Line for Research-Based Results for K-5!	K – 5	Kim Sutton
Number Talks: Connection to Progressions through the Common Core	K – 8	Shereen Horton
Fear Not the Fraction	3, 4, 5	Craig Willmore
Applying Mathematical Modeling in the Real World: Middle School	6, 7, 8	Anne Gallagher
The Clothesline: Algebra, Geometry & Statistics on the Number Line	6 – 12	Chris Shore
APPLICATION: The ability to use knowledge in new ways.	7 – 12	Ronald Leonard
String Art: An Introduction to Tangent Lines and Quadratic Functions	10, 11, 12	Susan Robinson
Making and Breaking Conjectures	3 – 9	Daniel Finkel
How do I do problem solving in class with all the material I must cover?	6 – 12	Jerry Young
Building Boxes for Mathematical Success	4 – 10	Nicholas Restivo
10 Minutes of Coding – Great Ways to Introduce ALL Students to Programming	7 – College	Tom Reardon
Building Supports for Problem Solving	K – 5	Melinda Schwartz