7:00am-8:00am						•	March 6 Registration				
KEYNOTE SESSION #1 8:00am-9:30am	Floor B: Patterson Ballroom  Dr. Sarah Bush/Dr. Barbara Dougherty  The Math Pact: A Team Approach to Supporting All Students										
		Floor B	Floor A			Lobby Floor				Mezzanine, Floor 2	
		Berea	Kentucky	Thoroughbred 1	Thoroughbred 2	Regency 1	Regency 2	Regency 3	Franklin	Jessamine	Woodford/Scott
	Presenter	Jamie Reagan	Matt Chojnacki	Dr. Kanita DuCloux	Cindy Aossey	Vanessa Bowden	Erron Prickett	Amber Carter	Jennifer Eerenberg	Lynn Smith	Morgan Chittum
SESSION #1 9:45am-10:30am	Title	Cards, Dice and Games. Oh My!	Walls that Work	How much does a smile cost?	Exploring Fractions through Cuisenaire Rods	Math Libs and Escape Rooms	Routines and Activities to Promote Proportional Reasoning and Development	Having an ASTEROID Size Impact In Your Math and Science Classroom	Family Nights & "HOMEwork"	Using the Math Practices to Create an Equitable Learning Environment	Introduction to Math Nation - A State-Funded Resource!
	Grade Level	K-2	K-2, 3-5	General/All	3-5	6-8, 9-12	6-8	3-5, 6-8	PreK-K, K-2, 3-5	General/All	9-12
10:30am-10:45am						<del></del>					
	Presenter		Kim Sparkman	Dr. Sarah Bush  A Closer Look: The	Dr. Barbara Dougherty  A Closer Look: The	Denise Strange	Dr. Robin Hyden Ed.D.	Kim Estes	Sierra Frost	Erin Dennis	Aaron Timmons
SESSION #2 10:45am-11:30am	Title		Building Math Communities through Cohorts	Mathematics Whole- School Agreement Components of The Math Pact	Mathematics Whole- School Agreement Components of The Math Pact	Empowering Students As Owners of Their Own Learning	Ensuring student success in mathematics through Micro-Credentialing	Good Questions That Move Learning Forward	Making Math Count with Daily Calendar Time	Communicating Like a Mathematician	How to Remove Barriers and Provide Access to Advanced Mathematics
	Grade Level		General/All	K-5	6-8, 9-12	PreK-K, K-2, 3-5	6-8, 9-12	General/All	K-2	3-5, 6-8	6-8, 9-12
						Floor B: Patterson Ballr	oom				
KEYNOTE SESSION #2 11:45am-1:15pm					Mathers	Deborah Po					
1:15pm-1:30pm							EAK				
	Presenter	Dee Crescitelli	Michael Dennis	Julie Adams	Jonathan Thomas	Kelly Lindsey	Sandye Kabalen	Bethany Noblitt	Anita Witt	Jennifer Theiss	Theresa Reilly
SESSION #3 1:30pm-2:15pm	Title	NCTM Success Story: Creating School-wide Cultures of Mathematical Sense Making	Moving from Math Anxiety to a Mathematical Mindset	The Opportunity of a Wrong Answer: Using Evidence to Mine Student Gaps	What it really means to teach elementary mathematics: Building community around guiding principles	And the Answer Is Doghouse!	Productive Struggle: The Natural Process of Sense Making	The KCM Math Circle Community	From there to here and here to there, math in preschool is EVERYWHERE!	Teaching Through Problem Solving - an Inquiry Based Approach to Math Instruction using CGI	Creating an Environment of Support Through Culturally Responsive Teaching
	Grade Level	General/All	3-5, 6-8	K-2	K-2, 3-5	6-8, 9-12	K-2, 3-5, 6-8	6-8, 9-12	PreK-K	K-2, 3-5	General/All
2:15pm-2:30pm						BR	EAK				
	Presenter	Ashleigh Roe	Erica Martin	Deborah Peart	Leah Robinson	Elaine Dillard	Robert Brown	Jay L. Schiffman	Margo Dye		Michelle Grooms
SESSION #4 2:30pm-3:15pm	Title	Math Class Should be Noisy	Break the Forgetting Cycle with Get More Math!	Coaching the Math Anxious Teacher: Supporting Teachers who Don't Love Teaching Math	Automaticity ≠ Fluency!	Building Thinking Classrooms for Kentucky Math Students	The Power of Social and Emotional Learning (SEL)	Exploring the Power, Beauty, Wonder, Magic, and Mystery that is Mathematics	Problem Solving PK-5		Math in Motion - Explore Math in a Whole New Way
	Grade Level	6-8	General/All	General/All	K-2, 3-5	General/All	General/All	General/All	PK-2, 3-5		6-8, 9-12
	Presenter									Cindy Aossey	
3:15pm-4:00pm	Title									MIT Collegial Group Meet-up	
	Grade Level										

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Second	WENNIOTE SESSION HA												
Transfer   Property													
Mergin Children   Process   Mergin Children   Process													
Presenter    Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Presenter   Prese					Thoroughbred 1	Thoroughbred 2		Regency 2	Regency 3	Franklin		Woodford/Scott	
Section of   Debugger   Debugge		Presenter	Morgan Chittum		Dr. Kate Marin	Dr. Funda Gonulates			Amanda Rhodes	Lisa Amick	Emily Lehman	Dr. Shirley Disseler	
Presenter   Pres		Title	in the Secondary Math				ended questions within your mathematics	and Learners by Focusing	•	Support Courses to Focus on Equity, Engagement, and	Vertical & Horizontal	Empowering Learne with Brick Math	
Processor  Title  Title  Tom Reardon  Making a Difference in Teaching Subtraction in K-B  Tom Cachildes  Tom Tom Reardon  Making a Difference in Teaching Subtraction in K-B  Tom Cachildes  Tom Reardon  Tom Shade Childree  Mathematics Class readon  Tom Reardon  Tom Reardon  The Complex Metal-East Metal-  Tom Deardon  Tom Deardon  Tom Tom Reardon  Tom Deardon  Tom Dear		Grade Level	9-12		K-2, 3-5	K-2, 3-5			3-5, 6-8	6-8	General/All	K-2, 3-5, 6-8	
Section 2 True  The Complex Work of Building Multiplicative Mathematics Classroom  The Complex Multiplicative Mathematics Classroom  The Complex Multiplicative Multiplic	10:30am-10:45am	I					ı	ı			I		
Signor All Deleting in the Mathematical Curriculum of General/All Learning in the Mathematical Curriculum of General/All Learning in the Mathematical Curriculum of General/All Learning in the Mathematical Curriculum of General/All Key Connecting Of Their Own Learning Own		Presenter		Tangela Blackwell-Stoner	Dr. Kyndall Brown	Sumer Smith	Mike Busch	Ruth Casey	Dr. Assata Moore	Tori Sinco	Keri Whitaker	Kathy Williams	
Presenter    Tide   Technology Creatively to Notice and Monder   Activities   Stasson #4		Title		Learning in the Mathematical	Students To Take Ownership Of Their	Finessing Fluency	The Complex Work of Building Multiplicative	Coding in the		Reasoning - Helping Students Understand the Mathematics They're	_	Making Middle Scho Math Come Alive wit Manipulatives, Game and Activities	
## Presenter   Bridge   Learning   Technology Creatively to Foster Discovery with Notice and Wonder Activities   Stisson #3   Stisson #3   Stisson #4   Lest alk numbers, a guide to creating student led number talks in the classroom   Understanding   Unde		Grade Level		General/All	General/All	K-2	K-2, 3-5	6-8, 9-12	General/All	K-2, 3-5	3-5, 6-8, 9-12	6-8	
### Bratton Hall ### Br							Floor B: Patterson Ballr	oom					
Presenter   Tom Reardon   Jennifer Bay-Williams   Erin Chavez   Amber Snell   Jessica Smiley   Jennifer Tatum   Tiffany Brock   Kevin Dykema   Title   Tom Reardon   Utilize Graphing   Technology Creatively to Foster Discovery with Notice and Wonder Activities   Presenter   Activities   Presenter   Activities   Presenter   Activities   Amaling a Difference in Teaching Subtraction in K-8   TBD   G-8, 9-12   3-5   K-2, 3-5, 6-8   General/All   G-8						Daiwaiwa D							
Presenter Tom Reardon Utilize Graphing Technology Creatively to Foster Discovery with Notice and Wonder Activities  Grade Level 9-12  Presenter Braxton Hall  Presenter Braxton Hall  Alsom-2:15pm  Title  Modeling (like real life) is Open-ended and messy.  Differentiating in the Middle School Classroom  With Delta Math  Sepace  Sepace  Sepace  Title  Title  Title  Modeling (like real life) is Math Stations in Upper  MATH: Problem Based  Learning  MATH: Problem Based  L	1:15nm 1:20nm					bringing N	•						
Technology Creatively to Foster Discovery with Notice and Wonder Activities  Table  Technology Creatively to Foster Discovery with Notice and Wonder Activities  Formal Left Stalk numbers, a guide to creating student led number talks in the Classroom  Title  Technology Creatively to Foster Discovery with Notice and Wonder Activities  Making a Difference in Teaching Subtraction in K-8 Modeling (like real life) is open-ended and messy.  Modeling (like real life) is open-ended and messy.  Modeling (like real life) is open-ended and messy.  Math Stations in Upper Elementary  MATH: Problem Based Learning  MATH: Problem Based Learning  Math Class  Math Class  Manipulatives in Mids School? Absolutely  Math Class  Manipulatives in Mids School? Absolutely  Math Class  Math Class  Math Class  Math Class  Math Class  Math Class  Math Stations in Upper Elementary  BREAK   Zilspm-2:30pm  Zilspm-2:30pm  Zilspm-2:30pm  Title  Ti	1.15piii-1.30piii	Presenter	Tom Reardon		Jennifer Bay-Williams	Erin Chavez	I	I	Jennifer Tatum		Tiffany Brock	Kevin Dykema	
2:15pm-2:30pm  Presenter Braxton Hall			Utilize Graphing Technology Creatively to Foster Discovery with Notice and Wonder		Making a Difference in	Modeling (like real life) is	Differentiating in the Middle School Classrooms	Math Stations in Upper	MATH: Problem Based		Empowering Your Students in the First Five Minutes of	Manipulatives in Midd School? Absolutely!	
2:15pm-2:30pm  Presenter Braxton Hall		Grade Level	9-12		K-8	TBD	6-8, 9-12	3-5	K-2, 3-5, 6-8		General/All	6-8	
SESSION #4 2:30pm-3:15pm  Lets talk numbers, a guide to creating student led number talks in the classroom  Using Algebra Tiles to Build Conceptual Understanding  Bounder to Connecting Symmetry to Culture  Productive Struggle  Productive Struggle  Classroom  Steeping Toward Addition and Subtract Fluency	2:15pm-2:30pm							EAK					
SESSION #4 2:30pm-3:15pm guide to creating student led number talks in the classroom understanding led number talks in the cla		Presenter	Braxton Hall		Michele Cudd	Dr. Amanda Jansen	Jamie-Marie Miller	Julie Carwile	Sarah Kasten			Rob Nickerson	
Grade Level K-2, 3-5, 6-8 6-8, 9-12 General/All 6-8, 9-12, Post-Sec K-2, 3-5		Title	guide to creating student led number talks in the		Build Conceptual	Equity-Minded Approach to		Understanding Through	Promote Reasoning and Problem Solving in Your			Stepping Toward Addition and Subtract Fluency	
		Grade Level	K-2, 3-5, 6-8		6-8, 9-12	General/All	6-8, 9-12, Post-Sec	K-2, 3-5				K-2	