Math Fest 2024 Activities for Math Circle Enthusiasts

Twists on Your Favorite Math Circle Activity I
Th 9/8 8:00-10:55AM Room 309/310

Activity	Time	Presenter(s)	Institution(s)
Never-Ending War	8:00-8:15 AM	John Weeks Phil Yasskin Sinjini Sengupta Marshall King	Texas A & M University
Game of Cycles	8:20-8:35 AM	Ben Gaines	Iona University
Shut the box	8:40-8:55 AM	Ed Keppelmann	University of Nevada-Reno
A King's Carpet	9:20-9:35 AM	Jeffery Musyt	Slippery Rock University
Culturally Responsive Pedagogy: "Hey Google: Who's A Mathematician"	9:40-9:55AM	Cynthia Sanchez Tapia Eryn Maher Ha Nguyen Alessandra Pantano	CSU Dominguez Hills Georgia Southern University CSU Dominguez Hills UC Irvine
Big Math	10:00-10:15 AM	Dave Auckley Dani Alvarez-Gavela Bruce Bayly Fowler Kaybah Hoycott Damien Hunter-Ben Dawnlei Hunter-Ben Matthias Kawski Kim Klinger-Logan Shay Logan	Kansas State University Brandeis University U of Arizona Henry Navajo Technical University Navajo Math Circles Dził Ditł'ooí School of Empowerment Action & Perseverance Arizona State University Kansas State University Kansas State University
Lines of Sight: Visual Perspective	10:20-10:35 AM	Anna Davis	Ohio Dominican University
Scaffolded Explorations with a Modified Rubik's Cube	10:40-10:55 AM	A Gwinn Royal Lauren Rose	Ivy Tech Community College Bard College

Math Circles in Motion: A Dynamic Poster Session
Fr 9/9 4:00-7:00 PM White River Ballroom F

Title	Presenter(s)
Big Math Demo	Dave Auckley
Odyssey of a Classroom Task	Peter Petto
Prime Climb	Brandy Wiegers
Game of Take Away	Rachel Lynn
Pentomino Puzzlers	Asmita Sodhi
Floor to Ceiling Adventures with Rubik's Cubes	A Gwinn Royal Lauren Rose Daniel Rose-Levine
Population Inferences by Sampling	Mariana Ortiz
Eulerian Embroidery	Jane Butterfield
Dihedral Groups, Paper Snowflakes Vyshyvanka Embroidery	Maria Droujkova
Volume & Surface Area for 3D objects	Anushka Jodhav
Trigonometry For Special Needs	Saashi Jain
Treating Math Anxiety	Lu Wang
Fibonacci & Yupanas Numbers	Amanda Serenevy

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Twists on Your Favorite Math Circle Activity II — Sa 9/10 8:00-9:15AM Room 309/310

Collaborative Team Play	8:00-8:15 AM	Scott Berger	Clear Lake High School
Notable Numbers Noteworthy Lessons	8:20-8:35 AM	Angie-Hodge Zickerman Cindy York	Northern Arizona University Northern Illinois University
What do those graphs look like?	8:40-8:55 AM	Kun Wang Steven Ning	Texas A & M University Friendswood High School
Arithmetic of Lady Bugs	9:00-9:15 AM	David Crombecque Nathan Hall	American Institute of Mathematics University of Southern California

JW GRAND BALLROOMS

8/8 RMS 5/6 3-4:30PM	Quotable Math
8/9 RM 7 2-6PM	Math & Art
8/9 RMS 5/6 2-2:50PM	Mathemagic
8/9 RM 9 3:30-5:05 PM	Puzzles, Card Tricks, Games & Gambling II
8/10 RM 8 11-12 AM/PM	Rubik's Cube Solving Workshop (see Exhibit Hall)
8/10 RM 9 12-1	The Curious Cube
8/10 RM 1 8-9:20 AM	Geometric Puzzles & Teasers In Perspective Art
8/10 RM 2 10:30-11:50 AM	Math Games & Puzzles Sponsored by AWM

White River Ballroom F EVENTS

8/7 4-5:45 PM	Math Jeopardy
8/8 4-6 PM	Estimathon
8/9 7-8:30PM	SIGMAA MCST BRIEF BUSINESS MEETING & GAME NIGHT

Exhibit Hall Events

8/8 9-10:30AM 8/9 1-2:30 PM	Outreach posters including Topology & Art/ Math Anxiety/ Shuffles in Card Tricks/Actuarial Play
8/8 2-3 PM 8/9 2:30-4 PM	PLAY BACKGAMMON
8/9 10-11 AM	BINGO with Pete
8/9 12-1 PM	Rubik's Cube Workshop (See JW Grand Ballrooms Also)

Puzzles, Card Tricks Games & Gambling Part I
Rooms 309/310
8/8
3:00-5:35 PM