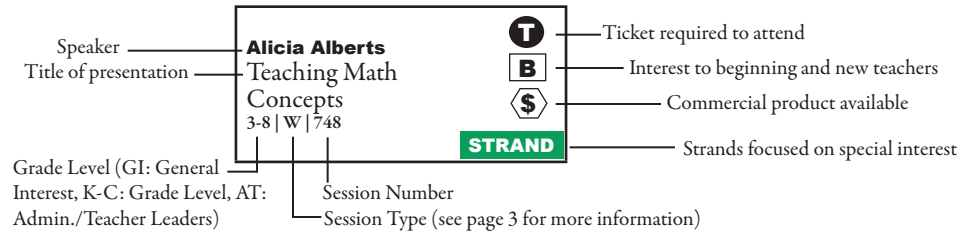


California Mathematics Council — Asilomar 2009 Conference Matrix

Asilomar Conference Grounds Mini-Conference	Pacific Grove Middle School Friday Kick-off Session	Asilomar Conference Grounds Sunday Keynote Sessions
Friday, 1:30 - 4:30	7:30 - 9:00	9:00 - 10:45
<p>Hope Bjerke Coaches Can Work Together As A Team To Improve Their Practice Ldrshp INT 13 LDRSHP</p>	<p>William Fisher Why Johnny Still Can't Add—An Update GI PRS 49</p>	<p>Steven Leinwand Intriguing Lessons About How Math Is Taught And Assessed In High Performing Asian Countries 6-12 PRS 1018</p>
10:45 - Noon		
<p>Leigh Childs Increase Students' Mathematical Reasoning And Participation 3-5 INT 15 B</p>		<p>David Foster Supporting Mathematical Proficiency For All Students GI PRS 1118</p>
<p>Paul Giganti Playing With Probability: Theory To Experiment To Wacky 6-8 PRS 7</p>		
<p>Michael Serra Sequential Reasoning And Proof 6-12 INT 8 B</p>		
<p>Sandy Silverman Add It All Up PK-2 INT 4</p>		

HOW TO READ THE MATRIX



The matrix also reflects location, day and time of session. Refer to the alpha section for more information about each session.

GUIDE TO SPECIAL INTEREST STRANDS

CAMTE The California Association of Mathematics Teacher Educators brings together a set of speakers whose presentations focus on areas of interest to those involved in pre-service and in-service mathematics teacher education.

LDRSHP The leadership strand focuses on areas of interest to mathematics teacher leaders and coaches as well as district and site administrators.

TODOS In collaboration with TODOS: Mathematics for All!, an affiliate of NCTM, the sessions in this strand focus on issues related to equity and providing all students with high quality mathematics learning opportunities.

MITI In the Make-It, Take-It strand you can make your own models for classroom projects and activities. Each session is limited to 25 participants. There may be a small materials fee for some sessions.

Asilomar Conference Grounds, Saturday, December 5, 2009 Sessions

8:00 - 9:00	9:30 - 10:30	11:00 - 12:30	2:00 - 3:00	3:30 - 5:00
Ron Brown Math Rocks PK-2 PRS 100 \$	Marcy Cook The Equation: A Balance, Not 'The Right Answer' 3-8 INT 200	Brad Fulton Developing Number Sense Through Intriguing Instruction 3-8 PRS 300 B		Harold Jacobs Mathematical Snapshots Of 2009 GI PRS 500
Karl Schaffer Dancing In Mathematical Circles GI INT 101	Linda Fulmore Taking PRIME Leadership For Equitable Assessment Practices GI INT 201 TODOS	Bill Lombard Games & Puzzles To Reach The Kids & Teach The Standards 6-12 PRS 301 B	Marcy Cook Multiplication Medley: Understanding Before Memorizing 3-5 INT 401	Bill Lombard Algebra Activities That Reach The Kids & Teach The Standards 6-12 PRS 501 B
Kathleen Magana National Boards For Professional Teaching Standards GI PRS 102 \$	Henri Picciotto The Geometry Of Conic Sections 9-12 PRS 202 \$	Barbara Novelli Centering In On Math PK-2 PRS 302 B	Victor Selby The Lost Content: Geometry And Algebra II As Cultural Levers 9-12 PRS 402	Barbara Novelli Getting The Angle On Geometry 3-5 PRS 502
Sherry Gerrodette Getting Started As A Mathematics Coach AT INT 103 LDRSHP	Hope Bjerke Coaching Teachers Who Don't Think They Need To Change AT INT 203 LDRSHP	Nora Ramirez Teaching Proportional Reasoning With Equity And Excellence 6-12 INT 303 TODOS	Lew Douglas Fractions From The Ground Up 6-12 INT 403 B	Kathleen Jalalpour Using Singapore Math In U.S. Schools: How Does It Work? PK-5 PRS 503
Shuhua An Using DETECT Approach To Improve Student Learning 3-8 PRS 104	Joanna Packham Conquering Measurement And Scale 6-8 PRS 204	Wendy Lichtman Math And Fiction: Secrets, Lies And Algebra 6-12 PRS 304 B	Janie Zimmer PRIME Leadership: Using Assessment To Promote Equity GI INT 404 TODOS	Vicki Vierra Puzzles & Games: Several Angles On Motivation 3-8 W 504 T B
Robert Loew A Dozen Quick Warm-Ups To Start Class 9-12 INT 105 B	Robert Loew What Do We Do With The Seniors? 9-12 PRS 205	Richard Kalman The World's Greatest Factoring Problems 9-12 PRS 305	Richard Kalman Solving Rich Problems From Every Angle 3-8 PRS 405	Priscilla Jo Elsner Keeping In Touch: Looking Beyond The Numbers! 6-8 PRS 505
Ann Herbst Hands-On Math 9-C PRS 106 B	John Martin Gold Rush! Discovering The Golden Ratio 9-C PRS 206	Jerry Cummins NCSM PRIME: Success For Every Student, Teacher & Leader GI PRS 306 \$ LDRSHP	Judith Kysh Algebra Readiness: Who Is Ready? 6-12 INT 406 B	Susan Greenwald Two Plus Two Is Not Five PK-5 PRS 506 \$
James Schierer Nspire Your Geometry Students To Click And Drag Any Theorem 9-12 PRS 107 \$ B	Stephen Lancaster Outliers With Mean, Median, And Other L-estimators 9-C INT 207 \$	Jason Maresh Navigating Through Algebra 6-12 PRS 307 \$	Serge Killingsworth Happy Students Learn More Math 9-12 INT 407 B	Allan Bellman Lights, Cameras, Action! Fun And Success For All In Algebra 9-12 W 507 T B
Risa Wolfson Counting Every Which Way: The Census And More 6-12 INT 108 T	Joseph Fiedler Understanding Fractions Using A Large Screen Calculator 3-8 W 208 T	Daren Starnes Modeling Free Fall: Physics, Math, Or Statistics? 9-12 INT 308	Stuart Moskowitz Design A Probability Simulation With TI-Nspire® 6-12 W 408 T \$	William Kring Geometry Comes Alive Using TI's Cabri Jr.® Application 6-12 W 508 T B \$

Lunch and Vendors 12:30 - 2:00 PM

Asilomar Conference Grounds, Saturday, December 5, 2009 Sessions

8:00 - 9:00	9:30 - 10:30	11:00 - 12:30	2:00 - 3:00	3:30 - 5:00
Barbara Pence Supporting Math Teachers' Retention: Models And Research TehEd PRS 109 CAMTE	Joi Spencer Implementing Rich Mathematics Tasks Well 6-8 PRS 209 CAMTE	Joanne Becker Math Specialist Credential: Update Of California And National Trends TehEd PRS 309 CAMTE	Shelley Kriegler e-Learning Workshops: If We Can Do It, You Can Do It TehEd INT 409 CAMTE	Carol Fry Bohlin Strategies For Preparing Middle School Mathematics Teachers TehEd PRS 509 CAMTE
Siva Heiman When They Use Fraction Squares They'll Understand Fractions 3-8 INT 110 \$	Daniel Orey The Algorithm Collection Project GI INT 210	Barbara Pence Eliminate Geometry As A Gatekeeper By Involving Students 3-8 INT 310 \$	Milton Rosa Ethnomathematics: Integrating Math And Culture for English Language Learners GI PRS 410	Vinod Lobo Algebra Upgrade Interactive Lessons With Songs Video & Games 6-12 INT 510 \$ B
Loring Coes See Past The Symbols: Visual Thinking Tasks About Variables 9-12 PRS 111 B	Brandy Wieggers Mathematical Opportunities For Students And Teachers GI PRS 211 B	Donna Goldenstein Math & The Arts: Communicating Math Reasoning Through Art 3-5 PRS 311	Emiliano Gomez Why Are Fractions So Useful At Predicting Success In Math? 6-12 PRS 411 B	Scott Farrand Finding The Words To Help Students With Word Problems 6-12 INT 511 B
Barbara Shreve Exploring Number In A Larger Mathematical Context 6-8 PRS 112 \$ B	Julie Spitzer Adapt Instruction: Provide Equity For Special Needs Students 3-8 PRS 212 TODOS	Sanderson Smith Promoting Math History Through Humor 6-12 PRS 312 B	Brian Lawler Fostering Geometric Thinking Through Rich Tasks 6-12 INT 412 B	Jim Greco A CDE Update On Programs, Projects, And Policies GI PRS 512
Gretchen Bly Fractions, Multiplication, And Division In K-2 PK-2 INT 113 B		Greisy Winicki Landman Number Sense And Reasoning Via Strategy Games 3-8 W 313 T B	Todd Cadwallader Olsker Three Perspectives On Bayes' Theorem 9-C INT 413 \$	Kathy Morris Visualizing Multiplication Through The Arts PK-5 W 513 T B
	Bob Enenstein Your High School Math Club Has Over 600 Members? 9-12 PRS 214	Keith Smith Building & Integrating Geometry Across Grades & Strands 3-5 W 314 T		Lynda Wormell Over 50 Calculator Activities For Problem Solving And Number Sense 3-8 W 514 T B
Stephen Lancaster Building Number Sense Through Estimating Ratios 6-8 INT 115	Diane Resek Encounters With Algebra While Studying Geometry 6-8 INT 215	Bruce Cohen On The Number Of Primes Less Than A Given Magnitude 9-C PRS 315	Steven Klein Problem Solving: Communication And Fun Even With MC Problems 6-12 INT 415 B	Victoria Brady The Nth Degree: Angular Separation Of Points On A Sphere 6-12 INT 515
Tim Thayer Math Plug-Ins For Microsoft Word 6-12 PRS 116 \$ B	Gary Eisenberg The Power Of The Visual Story In Math PK-2 INT 216 \$ B	Jenny Holmstrom Take A Walk On A Math Trail 6-12 INT 316 B	Kay Gilliland In Kenya, Moja Means One—Sampuli Means Pattern 3-5 PRS 416	Chris Mackenzie Algebra Using Dynamic Illustrations On Excel Spreadsheets 6-12 PRS 516 \$
Lisa Thorne CAHSEE PREP: Fun & Free Self-Correcting Practice Online 9-12 PRS 117 B	Bob Battinich Diamond Problems Throughout Middle School 6-8 PRS 217	Josh McGee Fruity Fun With Edible Circle Graphs 6-8 W 317 T	Daren Starnes Probability: One Question—Eight Solutions 9-12 PRS 417	Jeffrey Gernes Learn To Typeset Math The Professional Way With LaTeX 9-C PRS 517

Lunch and Vendors 12:30 - 2:00 PM

Pacific Grove Middle School, Saturday, December 5, 2009 Sessions

8:00 - 9:00	9:30 - 10:30	11:00 - 12:30		2:00 - 3:00	3:30 - 5:00
William Bintz What Children Teach Us About Rigor PK-5 PRS 131 Ⓢ	Diana Herrington Presidential Awards For Excellence in Mathematics & \$10,000 PK-5 PRS 231	Chuck Biehl NUMB3RS In The Classroom: The First Three Seasons 9-12 PRS 331 Ⓟ	Lunch and Vendors 12:30 - 2:00 PM	Linda Gojak Developing Mathematical Reasoning Through Problem Solving 3-5 INT 431 Ⓟ	Masha Albrecht Watch Your Students Act: Kinesthetic Assessment 9-12 INT 531
	Yolanda De La Cruz Algebra Techniques To Help Your English Learners 6-8 W 232 Ⓟ	Lynda Holman Basic Facts + Strategies = Problem Solvers PK-2 INT 332		Hardy Reyerson Using Tiles To Illustrate Factoring 9-12 W 432 Ⓟ	Stephanie Biagetti Algorithms: Teaching To Maximize Student Understanding PK-5 W 532 Ⓟ
Patty Morrison Using Literature To Engage Students In Math K-2 PK-2 INT 133	Jim Miller Teaching Math Through Programming Calculators 9-12 INT 233 Ⓟ	Jorgen Berglund Making Sense Of Fractions 3-8 INT 333		Marian Pasternack The Fraction-Ratio Connection: Is There One? 6-8 W 433 Ⓟ	Ann Carlyle Games, Grids, Ten Frames: Number Sense for Primary Grades PK-2 W 533 Ⓟ
Jody Anderson Making The Most Of Standards-Based Assessments PK-2 W 134 Ⓟ	Barbara Schallau Making Sense Of Beginning Algebra Ideas 6-8 W 234 Ⓟ	Janet Gillespie Partner Games To Develop Number Concepts And Language PK-2 PRS 334 Ⓢ		Sheldon Erickson Engage All Students With Interactive And Visual Environments 6-8 W 434 Ⓟ	Marilynn Manderscheid Math: A Moving Experience PK-5 W 534 Ⓟ
David Pugalee Differentiating Instruction To Reach All Students 6-8 W 135 Ⓟ	Laura Choate Effective Games And Practices That Lead To Student Success PK-2 INT 235 Ⓟ	Modesto Tamez Mirrors: Angles, Art, Symmetry And Beyond PK-5 W 335 Ⓟ		Kevin Clevenger Questioning Strategies For The Elementary Math Teacher PK-5 INT 435 Ⓟ	Laurie Boswell Unwrapping Surface Area 6-12 W 535 Ⓟ
Brian Lim Multicultural Math Activities For Elementary School Teachers 3-8 PRS 136	Carl Meibergen A Well Run Math Class Does Not Happen By Accident GI PRS 236 Ⓢ	Sara Delano Moore Success For Every Child In Algebra I 3-8 W 336 Ⓟ		Lori Lambertson Number Sense + Common Sense = The Mathematics Of Nutrition 6-8 W 436 Ⓟ	David Lau Use Of Technology And Some Calculus In Finance Math 9-12 PRS 536 Ⓢ
Charlene Hummel The Big Idea? Intervene Differentiate, Engage, Assess 6-8 PRS 137	Heather Clark Looking At Long Division Through New Eyes 3-5 INT 237	Satoru Semitsu Think Like Gauss: Computation Is Fun And Simple 6-8 W 337 Ⓟ		Carol Langbort 'Expanding Your Horizons' Changes Girls Lives GI PRS 437	Dan Goldfield Engaging Concrete/Experiential Learners 9-12 INT 537

Pacific Grove Middle School, Saturday, December 5, 2009 Sessions

8:00 - 9:00	9:30 - 10:30	11:00 - 12:30	2:00 - 3:00	3:30 - 5:00
Susan Mussack Closing The Fraction Gap In Algebra Classes 6-12 INT 140	Chris Paulus Hands-on Angles 6-12 INT 240	Sebastian Martin Exploring Parabolas In The Real World 9-12 W 340	Tim Erickson How High? How Far? Measuring When You Can't Reach 9-12 W 440	Cheryl Roddick Developing Fraction Sense With Pattern Blocks 3-5 W 540
Pamela Van Arsdale Smart Geometry 3-8 W 141	Ruth Chamberlin So Now You're A Math Coach: Getting Started GI PRS 241	Tina Angel Creating A Campus Scavenger Hunt With The TI-84 Calculator 9-12 INT 341	Janet Gillespie A Number-Sense Approach To Learning The Basic Multiplication Facts 3-5 PRS 441	Sandy Silverman Geometry: More Than Naming Shapes For Preschool PK-2 INT 541
Jaine Kopp Thinking Algebraically 3-5 INT 142	Peggy McLean It's A Tangram World 3-5 W 242	Elmano Costa Meeting The Standards For English Learners PK-5 W 342	Kurt Kreith From Fractions To Fermat 6-12 PRS 442	Melissa Gilbert Base-10 Blocks: They're Not Just For Whole Numbers Anymore! 3-8 W 542
Sandra Robins Tessellation Symmetry: Reflection, Rotation And Translation 6-8 W 143	Mardi Gale Aiming For Intervention: Not Business As Usual 6-12 PRS 243	Carolyn Moore Intervention: Fishing For The 'Right' Angle 3-8 INT 343	Scott Johnson Math Instructional Strategies That Make A Difference 6-12 INT 443	Leigh Childs Engaging Activities + Effective Strategies = Student Success 3-5 INT 543
Kelley Hunter Math Intervention: Ideas That Work! 6-12 PRS 144	Jose Molina Using Manipulatives To Explore Volumes Via Integration 9-12 PRS 244	Tom Murray Pentominoes: Little Boxes That Grow! 3-8 W 344	Rena Conley Making Sense Of Number Sense PK-2 INT 444	Renee Goularte Math And Art Of The Face: From Da Vinci To Picasso 3-5 INT 544
Isaac Berniker Pilot Report Of A New Online Intervention Service 6-12 INT 145	Dave Youngs Problem Solving From Many Different Angles 3-8 INT 245	Angela Thompson Math Discourse Using Socratic Seminar For English Learners 6-12 INT 345	Jeffrey Hildebrandt Closing The Math Achievement Gap 6-12 PRS 445	Kevin Rees Reasoning With Probability 6-12 PRS 545
	Linda Flood Flip Books, Magic Books And More! A Fun Way To Learn Math 3-5 MITI 230	Peg Cagle Building Modular Origami = Building Spatial Reasoning 6-12 MITI 330	Rita Wespi Six Savvy Make 'N Takes In 60 Minutes 3-5 MITI 430	Patricia Ritchie Reese String Polyhedra With A Twist: A Make-It Take-It Session GI MITI 530

Lunch and Vendors 12:30 - 2:00 PM

Pacific Grove High School, Saturday, December 5, 2009 Sessions

8:00 - 9:00	9:30 - 10:30	11:00 - 12:30	2:00 - 3:00	3:30 - 5:00
Steven Leinwand Thoughts On Rationalizing Algebra In Ways That Serve Kids, Not Universities 6-12 PRS 160	Ronald Ortman Math Performance Art Through Fractal Design GI PRS 260	Michael Serra Don't Just Cover Geometry, Discover Geometry 6-12 INT 360	Greg Joy Problem Solving For The Middle School Brain 6-8 INT 460	Robert MacCarthy Making High-Content Math Movies And Music Videos 6-12 PRS 560
Alejandra Leon-Castella Math Resources In Spanish In Audio Format On The Web GI PRS 161	Nancy Blachman Math Delights PK-5 W 261	Jeanne Ramos Accessing Math Content And Language In A Rigorous Lesson 6-8 INT 361	Xuhui Li Sources Of Meaning In Algebra And Ways To Make It Meaningful 6-12 INT 461	Mark Freathy From Multiplication To Factoring: Building Algebraic Thinking 6-12 PRS 561
Rebecca Newburn 21st Century Skills For Math 6-8 INT 162	Suzanne Alejandre The Math Forum @ Drexel: Learning Math Together 6-8 W 262	Wally Etterbeek Geometric Series And Beyond 9-C PRS 362	Zhonghe Wu History Of Mathematics: The Way To Promote Student Thinking 3-8 INT 462	Michael McArdle Aligning Math Instruction With How Humans Learn 3-8 PRS 562
Jamylle Carter Pixel Painting 6-12 W 163	Felicia Suminski They're All Talking, Free Web 2.0 Communications Tools GI W 263	Andres Marti A New Angle On Sketchpad: Marker Tool, Hot Text, And More! 9-12 INT 363	Elizabeth DeCarli We Are Family: Exploring Functions And Their Families 9-12 INT 463	Scott Steketeer More Bang For Your Buck: Focus Tech PD On Math And Pedagogy GI W 563
Bob Petersen Multiple Representations Build Algebraic Understanding 6-12 INT 164	William Kring Ride A Hot Air Balloon To Understanding Integer Arithmetic 3-8 W 264	M Tere Hirsch Helping Students Access And Retain Math Concepts 3-8 W 364		Ginna Myers Graph It! Designing Labs To Promote Graphing Skills 3-8 W 564
Carrie Carpenter Math Learning Station Games That Ignite Learning PK-5 INT 165	Carrie Carpenter Hot Off The Press! Behind Every Math Concept Is A Great Story PK-5 PRS 265	Leslie Good Read Any Good Math Lately? Standards Through Stories PK-2 W 365	Jim Miller Favorite Problems From Over 30 Years Of Math Education 6-12 INT 465	Elizabeth Powell The 'Not So Basic' Facts PK-5 INT 565
Kim Kirley K-1 Math Games For Individuals, Pairs, And Groups PK-2 INT 166	Darrell Manderscheid Dividing Fractions: Unit Fractions + Unit Ratios = Understanding 6-8 W 266	Julie Yu The Math Of Mirrors 6-12 W 366	Cheryl Guevara Engaging Centers For K-2 Students PK-2 INT 466	Marc Roth Bowling Pin Puzzles 6-12 W 566
Nancy Paulson Fun Factoring For All: Factoring Strategies From All Angles 6-8 W 167	Nancy Paulson Extreme Math Games, Taking Math To The Extreme! 3-8 INT 267	Eric Muller The Math And Science Of Surface Area And Volume 6-12 W 367	Lance Burger Using The Necessity Principle For Inquiry-Based Mathematics 6-8 W 467	Suzanne Antink The Calculus Of Eggplants And Panetone 9-C W 567
Carl Sherrill Mathemagic 101: Investigating The Math Behind The Magic 3-8 INT 168	Michael Fenton Developing Mathematical Discourse With The TI-Nspire® 6-12 INT 268	Harvey Garn Using Contextual Situations To Teach Linear Functions 6-12 INT 368	Andre Mathurin Cryptography: How Math Helps Make Communication Secure 6-12 INT 468	Mimi Lufkin The STEM Equity Pipeline 9-C INT 568

Lunch and Vendors 12:30 - 2:00 PM

Pacific Grove High School, Saturday, December 5, 2009 Sessions

8:00 - 9:00	9:30 - 10:30	11:00 - 12:30	Lunch and Vendors 12:30 - 2:00 PM	2:00 - 3:00	3:30 - 5:00	
Pilar Mata Exponent Rules: Why Breaking The Rules Is Better 9-12 PRS 169 B	Matthieu Hamo Using Mental Math Strategies To Enhance Number Sense 3-8 INT 269 B	Ivan Cheng Building Blocks To Help All Students Succeed In Algebra 6-12 INT 369 B			Sara Delano Moore Building Understanding Of Fractions, Ratio, And Proportion 6-8 W 469 T	Shairlyn Fish Taking The Mystery Out Of The Unknown 3-8 W 569 T
William Zahner Designing Groupwork For Multilingual Classrooms 6-12 INT 170 B	Karen Arth It's All Connected: Similarity As A Geometric Building Block 9-12 W 270 T B S	Nancy Blachman Make Learning Math Facts Fun: Alternatives To 'Drill & Kill' PK-2 W 370 T			Staci Erlandson Block Exploring New Angles For Meeting Our English Learners' Needs 3-5 W 470 T	Thomas Lewis Approximately 314 Ways To Celebrate Pi Day At Your School 6-8 PRS 570
Scott Steketee A Math Camera: Images Expose Functions And Transformations 6-12 PRS 171 S	Brian Cooper Lies My Math Teacher Told Me: Misconceptions & Implications GI INT 271	Lynz Mullaney Family Games From Many Angles 3-8 INT 371			Dan Meyer Be Less Helpful 9-12 PRS 471	Helen Smiler The Sky's The Limit! Discovery, Basic Skills & Higher Math 6-8 INT 571